



YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	SRI MUTHUKUMARAN INSTITUTE OFTECHNOLOGY
• Name of the Head of the institution	DR. RAJINIGIRINATH D
• Designation	PRINCIPAL
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	04466110230
• Mobile no	9884348813
• Registered e-mail	smitcollege1996@gmail.com
• Alternate e-mail	DGIRINATH@GMAIL.COM
• Address	10,1ST CROSS VIVEKANANDA NAGAR,
• City/Town	PONDICHERRY
• State/UT	PONDICHERRY
• Pin Code	605005
2.Institutional status	
• Affiliated /Constituent	AFFILIATED
• Type of Institution	Co-education
• Location	Rural

• Financial Status	Self-financing				
• Name of the Affiliating University	ANNA UNIVERSITY				
• Name of the IQAC Coordinator	Dr. V. ANITHA				
• Phone No.	04466110213				
• Alternate phone No.	04466110200				
• Mobile	9094011584				
• IQAC e-mail address	smitvp2021@gmail.com				
• Alternate Email address	smitcollege1996@gmail.com				
3. Website address (Web link of the AQAR (Previous Academic Year))	https://smit.edu.in/engineering/AQAR/2020-21/AQAR_2020-21.pdf				
4. Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://smit.edu.in/engineering/wp-content/uploads/2024/03/Academic-Calendar-Even-Sem-dec-20-may-21-II-and-III-Year-2021.pdf				
5. Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.67	2018	25/09/2018	26/09/2023
6. Date of Establishment of IQAC			14/09/2011		
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	
INSTITUTION	STUDENT	TNSCST	2022	7500	
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	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	Yes	
<ul style="list-style-type: none"> If yes, mention the amount 	30000	
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
<p>To elevate the standard of academic personnel, the Internal Quality Assurance Cell (IQAC) has mandated that faculty members undertake doctoral and postgraduate research in the field of their interest. The institution places emphasis on participation in the NIRF (National Institutional Ranking Framework) and AISHE (All India Survey of Higher Education). The creation of electronic content by teachers. Given the transition from virtual during the COVID-19 pandemic to offline courses and the imperative to safeguard students' mental health, the institution has intensified its efforts to enhance the mentorship program and ensure adequate support for students. . Extraordinary measures have been put in place to resolve any challenges faced by students during the course.</p>		
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
Academic Schedule & Subject allotment	1. Academic Schedule for UG & PG are discussed 2. Subject allotment & course file preparations are briefed
Faculty participation	1. Faculty members were directed to publish at least one paper in Journals indexed in SCI/Scopus Journals and submit proposals to the relevant funding agencies. 2. Faculty members were insisted to use innovative practices in teaching. 3. Faculty members were instructed to attend FDP, workshop and seminar.
Arranging for student internships, as recommended.	1. Internship participation certification and reports are reviewed. 2. Necessary guidelines are given to HODs to enrich the Internship culture in the department
Initiatives MoU, Grants/Fund, Value Added Course, activities	1. Functional MOU documents are verified. 2. Discussed About 2021-22 TNSCST projects titles and ideas of each department. 3. All the Departments get approval for Value Added Course/Certificate course. Reports are reviewed.

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

Name	Date of meeting(s)
GOVERNING COUNCIL	07/07/2021

14. Whether institutional data submitted to AISHE
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Year	Date of Submission
2021-22	13/01/2023

15. Multidisciplinary / interdisciplinary

The Anna University of Chennai has implemented a comprehensive framework to enhance the educational experience of engineering students by prioritizing the integration of multidisciplinary knowledge, in alignment with the directives set forth by AICTE, New Delhi, and University guidelines. This strategic initiative entails the provision of professional elective courses, offering students a curated selection of cross-disciplinary subjects. Through this approach, students are empowered to exercise autonomy in their academic pursuits, enabling them to explore diverse fields of study that resonate with their individual interests and professional aspirations, thereby fostering a well-rounded educational journey.

At our institution, supplementary courses are introduced employing an interdisciplinary approach, synthesizing knowledge, methodologies, and viewpoints from various disciplines. This method yields numerous advantages for students, including:

1. In interdisciplinary courses, students gain a comprehensive grasp of complex issues by blending insights from multiple subjects.
2. Through exploring problems from diverse perspectives, students enhance their critical thinking skills.
3. Students develop versatile abilities such as integrative thinking, teamwork, communication, and adaptability.
4. Interdisciplinary methods stimulate originality and encourage innovative problem-solving approaches.
5. Collaborating with diverse peers not only strengthens teamwork skills but also expands professional networks.
6. Delving into new subjects promotes both intellectual and personal growth.
7. Students learn to tackle real-world challenges that require multidisciplinary solutions, enhancing their problem-solving capabilities.
8. Multidisciplinary experience provides a competitive edge in the

job market, offering enhanced career prospects.

16.Academic bank of credits (ABC):

The National Academic Depository (NAD) is now being used by the institution to register with the Academic Bank of Credits (ABC). SMIT acknowledges the upcoming implementation of the National Education Policy modifications for the upcoming academic years, as per the State Government's orders and its affiliation with Anna University, Chennai.

17.Skill development:

Our institution is committed to nurturing both the technical prowess and non-technical aptitudes of our students by instituting a diverse array of programs and initiating a skill development club. By facilitating opportunities for industry partnerships, tailored mentorship, comprehensive skill enhancement and active student engagement, our aim is to furnish students with the requisite proficiencies to excel in their chosen fields and professions.

SMIT has established specialized committees entrusted with orchestrating and executing skill development endeavors. The Management and Higher Authorities have mandated each department to integrate Value-Added Courses alongside the traditional academic curriculum, contingent upon prior approval and endorsement of course materials by the affiliating university. Faculty members are entrusted with the responsibility of delivering these value-added courses and are encouraged to engage in technical training programs provided by industry entities. Upon completion of these courses, assessments are administered, and certificates are bestowed upon deserving students.

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

The organization aims to combine the three most important international philosophies that represent the Indian way of life: harmony, peace, and sustainable development. Acknowledging the inherent worth of Indian Knowledge Systems, the establishment hopes to establish a new paradigm in education. This goal is achieved through a variety of institutional programs that are carefully designed to support students' overall growth.

At our institution, we have strategically outlined forthcoming events focused on the Indian Knowledge System. In our endeavor to cultivate a deep appreciation for cross-state cultures among our students and foster awareness of diverse customs across regions, we

observe traditional days with commemorative events. Furthermore, recognizing the paramount importance of effective communication skills in interpersonal interactions, we provide rigorous training to our students in this domain. Encouraging a broader perspective, we actively motivate for students to participate in inter-state travel, facilitating their immersion in varied cultural settings and the assimilation of diverse customs.

In order to give students a profound understanding of Indian culture and customs, the college observes Ethnic Day and Cultural Day as occasions to highlight and celebrate all that is Indian. These festivities serve as colorful representations of the rich fabric of Indian diversity and legacy, with participants dressing in regalia representing various states.

Various competitions such as Rangoli, Mehendi, and other traditional art forms are carefully arranged for all students of the college. These events serve as lively representations of Indian culture and display traditional talents. The institution consistently supports these activities as part of its long-term dedication to conserving and promoting Indian heritage.

The institution observes various national and international commemorative days including Environment Day, Yoga Day, International Day and others to promote a sense of global citizenship with an Indian perspective.

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

SMIT adheres to the principles of Outcome-Based Education (OBE), featuring standardized Program Outcomes (POs) and Course Outcomes (COs) specified by the university. Faculty members enjoy the autonomy to include or adjust course objectives according to unique course needs. COs are developed by considering the course material and are aligned with Program Outcomes (POs) through an articulation matrix. Values of Low (1), Moderate (2), or High (3) are assigned, and a weighted average is calculated for each PO to determine a threshold value. The course outcomes delineate the knowledge and abilities students acquire after completing each course, detailing the cognitive processes provided by the curriculum.

Information regarding POs, Program Educational Objectives (PEOs), and Program Specific Outcomes (PSOs) is disseminated through multiple channels, including the institution's website, Head of the Department rooms, faculty cabins, laboratories, and department notice boards. Printed materials are also distributed to students.

Students are introduced to Course Outlines during orientation sessions, and lecture plans for all courses are provided to them.

Program Outcomes (POs) represent the knowledge, skills, and attitudes students acquire upon completing their courses. PSOs define outcomes that equip students with information and skills directly relevant to improving society and promoting sustainability. POs and PSOs are evaluated and discussed by students and faculty members during lecture hours and class committee meetings.

PEOs outline the professional accomplishments that graduates are expected to attain and assess the program's efficacy in preparing students to address global concerns.

20.Distance education/online education:

Affiliated with Anna University, SMIT oversees academic promotions in accordance with the regulations set forth by Anna University, Chennai, and the AICTE in New Delhi. Presently, no initiatives have been launched to promote student enrollment and advancement in distance education programs.

It is strongly encouraged that both faculty members and students actively participate in online courses offered by various platforms, including Swayam. Successful completion of these courses results in monetary compensation and certificates of appreciation. Awareness programs, spearheaded by the Swayam NPTEL at SMIT, aim to motivate faculty and students to enroll in online courses. To ensure the effective utilization of ICT tools, both faculty members and students receive requisite training. These tools are employed by faculty members for conducting courses, delivering specialized classes, and facilitating communication and evaluation procedures.

Extended Profile

1.Programme

1.1

697

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

File Description	Documents
Data Template	View File

2.Student2.1 974

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 186Number of seats earmarked for reserved category as per GOI/ State
Govt. rule during the year

File Description	Documents
Data Template	View File

2.3 221

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic3.1 169

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2 169

Number of sanctioned posts during the year

Extended Profile

1. Programme

1.1	697
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2. Student

2.1	974
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	186
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	221
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3. Academic

3.1	169
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.2	169
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	72
Total number of Classrooms and Seminar halls	
4.2	531.47
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	750
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

Since 1996, our institution has been affiliated with Anna University in Chennai. At the start of each academic year, the principal gathers all faculty members for meetings to brainstorm strategies for effectively carrying out the curriculum, along with extracurricular and extension initiatives.

We make sure to carefully stick to Anna University's curriculum plan, creating and teaching our syllabi with great care to help our students succeed. As part of Anna University, we always keep ourselves informed about the newest ways of teaching and make sure we follow all the rules set by the government and the university.

The Head of Departments (HODs) are in charge of allocating subjects to faculty members based on their areas of competence, estimating the workload for faculty members, and issuing subject preference lists.

To enable efficient planning and delivery, lesson plans are divided into modules, and all content is recorded in work diaries.

To meet the unique learning needs of each student, remedial and bridge courses are offered in addition to regular course delivery.

Through regular review sessions, the fulfilment of the syllabus is constantly evaluated, and action plans are put into place as appropriate.

Faculty members use a variety of pedagogical techniques, including caselets, microteaching, gamification, subject quizzes, crossword puzzles, critical thinking exercises, research projects, and fieldwork, to improve the effectiveness of their instruction.

In order to maintain learning throughout the COVID-19 epidemic, a hybrid teaching approach was implemented, making use of tools like Zoom and Google Meet.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://smit.edu.in/engineering/AQAR/2020-21/criteria_1/1.1.1_2021-2022_uploading%20part_1.pdf

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

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File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://smit.edu.in/engineering/AQAR/2020-21/criteria_1/1.1.1_2021-2022_uploading%20part_2.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

20

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

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

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

38

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

690

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

There are courses taught to the students to strengthen the ethical performance in their future career. A course on Professional Ethics is offered as National Mission in Education. Topics that deal with professional ethics, media ethics, bio-medical ethics, legal ethics, and business ethics are taught under different courses. With a view to instill moral and social values pertaining to professional Ethics and Human values institution has taken special initiatives thus conduct of various events like seminars, guest lectures, Induction program to first year students .

ii) Cross cutting issues relevant to Gender

The College offers a course on Introduction to Gender Studies to Second Year UG students to sensitize them on gender equity and women empowerment. Many UG programmes have gender related courses or modules, such as Gender Politics in India, Women Entrepreneurship, Women Writings, Women in Sports and Games, and Feminist Epistemology. Courses on Human Rights and Social Responsibility deal with gender equity, social justice, women's rights and socio-cultural and legal dimensions of gender discrimination.

iii) Cross cutting issues relevant to Environment and Sustainability

It creates awareness to the students about energy conservation and green area management. Students are encouraged to develop prototypes related to energy management, battery operated electric vehicles etc. Certain courses have been included which gives knowledge about environment and sustainability.

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

8

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

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

309

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 **A. All of the above**

from the following stakeholders Students
Teachers Employers Alumni

File Description	Documents
URL for stakeholder feedback report	https://smit.edu.in/engineering/AOAR/2021-22/criteria 1/1.4.1 2021-22 feedback details.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

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

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://smit.edu.in/engineering/AOAR/2021-22/criteria 1/1.4.1 2021-22 feedback details.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

407

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

383

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

The Institution caters to the needs of the students, in terms of knowledge, skills and experience. The enrolled students are assessed based on their previous higher secondary results and medium of instruction. The students are categorized into advanced learners and slow learners based on their performance in academics, co-curricular and extracurricular activities. To bridge the knowledge gap of the students, the Institution makes effort to identify and respond to special motivation needed for advanced learners and slow learners. The following efforts are made to enhance the knowledge and skills of the advanced learners. Motivation is given to help students for getting admitted in foreign universities. Special coaching is given to fetch university ranks and Gold medal. Motivation is imparted to sensitize the students towards society by encouraging them to actively involve in NSS/YRC activities. Enough opportunity is given to nurturing the organizing capabilities in events. Encouragement is given to enroll in professional societies and to participate in activities organized by professional societies and for submitting project proposals to funding agencies and publish papers in journals and conferences. Special coaching is imparted for clearing Competitive exams. The best outgoing student and topper are identified and they are awarded with cash prize and certificate. Remedial classes are conducted for slow learners. To increase the interest in learning, the slow learners are exposed to practical engineering. Special internship programs. Students are trained using innovative teaching aids to visualize the concepts which assist in the learning process

File Description	Documents
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_2/2.2.1.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
532	175

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

At SMIT, student-centric methodologies like experiential learning, participative learning, and problem-solving are prioritized to enhance learning experiences.

Experiential learning:

Experiential learning is emphasized through practical courses and virtual labs, enabling students to gain hands-on experience and work on innovative projects showcased in exhibitions, fostering motivation.

Participative learning

Participative learning is facilitated through group analysis, brainstorming, and project work using advanced technologies such as LabVIEW, MATLAB, and CAD. Engagement in professional societies and activities enhances industry connections and soft skills.

Industry interaction and summer training

Industry interaction is vital, with mandatory industrial visits,

internships, and collaborations ensuring practical training and exposure to real-world challenges. Guest lectures and projects from industry experts enrich students' skills.

Problem solving methodologies adopted are

Information and Communication Technology (ICT) tools like virtual labs and software applications such as LabVIEW, CSS Python, and MATLAB provide immersive learning experiences. These tools enable students to explore engineering concepts digitally and collaborate through platforms like Google Classroom. Guest lectures via video conferencing enhance interaction and real-world exposure

File Description	Documents
Upload any additional information	View File
Link for additional information	https://smit.edu.in/engineering/AOAR/2021-22/criteria_2/2.3.1.pdf

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

Online classes and other activities for all UG and PG programs were conducted during the year 2020-21 due to Covid situation .The SMIT Faculty members are practicing effective content delivery by using ICT tools in the online lecture class for better understanding and reinforcement of the concepts. ICT for course delivery includes power point presentation, video conferencing or educational websites. The institution has wide availability of computers in Laboratories in all departments and library, high speed internet access and general ICT knowhow among the students and the faculty. The faculties are trained for the efficient use of tools through online training sessions and faculty development programmes. Teaching/Learning methodologies include the use of ICT tools for illustrations and lectures, case-studies, project-based-methods, experimental methods. Students are given specific assignments. To enhance the effectiveness, lectures are presented as 'learning dialogues' facilitating the students by way of answering a few questions or a brief peer group discussion .ICT components are embedded in the course contents of all disciplines which include free open source software and tools for all disciplines. It is used to conduct virtual labs, for developing projects. Google classroom facility, monitors the students' learning process through online quizzes, submission of online

assignments, e-learning projects etc. ICT enabled TLP is supported with Regular Practical Sessions, access to Digital Library, Online Courses (MOOCS, NPTEL etc.), online journals

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

2.3.3.1 - Number of mentors

105

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

169

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

68

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

585

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.

Various measures have been taken by the Institution for Continuous Internal Evaluation (CIE) of students and for ensuring and monitoring their progress and improved performance. The mechanism of internal assessment is displayed in website and academic calendar. Our Institute ensures strict adherence of CIE activities as mentioned in the Academic Calendar.. The academic issues are discussed and the remedial actions are taken immediately. Every Semester two Assessment Tests, Class Test, Model exams are conducted as per the academic schedule framed by Anna University. Timetable for the internal tests are prepared by exam cell and after approved by Principal it is circulated to all students. Two sets of Question papers are prepared along with the model answer key by the respective subject faculty. It is verified

by the department academic committee and and after approved by the Principal it is submitted to exam cell. The answer scripts are evaluated by the course coordinators and marks are displayed in notice boards .The pass percentage for each subject is fixed as 50% and students falling below the set pass percentage and absentees are instructed to appear for Retest with the second set of question paper as per the schedule framed . On line practical sessions are conducted as per schedule. Students are encouraged to do in-house projects and assessed thro project reviews. Faculties are asked to evaluate the answer script within two days after the test and marks should be submitted. Retest schedule is prepared after the completion of assessment test

File Description	Documents
Any additional information	View File
Link for additional information	https://smit.edu.in/engineering/AOAR/2021-22/criteria_2/2.5.1.pdf

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

Response:

To deal with internal examination related grievances, a streamlined mechanism is adopted and practiced. The details of the mechanism are:

- The internal assessment test schedules are prepared as per the university and communicated to the students well in advance.
- To ensure proper conduct of assessment tests, invigilators are assigned to each hall. Evaluation is done by the course handling faculty members within two days from the date of tests.
- The corrected answer scripts of the students are distributed to them for the verification by the students and any grievance regarding valuation or total mistake is redressed within three days after the grievance addressed.
- Regarding doubt in valuation of answer is clarified or rectified by verification with the answer key and thus the transparency in grievance redressal is followed.

The internal marks are prepared based on internal tests/ model exam marks and the same is displayed on notice board. Query if any

is discussed with faculty and HOD and addressed

File Description	Documents
Any additional information	View File
Link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_2/2.5.2.pdf

2.6 - Student Performance and Learning Outcomes

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

Mechanism of Communication of Program Outcomes and Course Outcomes:

- Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are made available on the college website.
- Program Outcomes (POs) and Program Specific Outcomes (PSOs) are published in the Prospectus.
- Program Outcomes (POs) and Program Specific Outcomes (PSOs) are displayed in the respective department's Notice Boards.
- Program Outcomes (POs) and Program Specific Outcomes (PSOs) are published in the department Academic Calendar.
- Program Outcomes (POs) and Program Specific Outcomes (PSOs) are mentioned in the department's Newsletters/ Magazines.
- During the orientation program, students are informed about Program Outcomes (POs) and Program Specific Outcomes (PSOs). Course Outcomes (COs) listed in the syllabus copy are distributed to students.
- Awareness about Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) is spread during department level meetings (Class committee meetings, seminars etc.,) and activities.
- Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are mentioned in the subject lesson plan and circulated to the students.

Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are published in log books

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_2/2.6.1%281%29.docx
Upload COs for all Programmes (exemplars from Glossary)	View File

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

The Institution monitors and ensures the achievements of Program Outcomes (POs) and Program Specific Outcomes (PSOs) through the following measures:

1. Direct Measures

1. Assessment Tests
2. Model Examination
3. End Semester Examination
4. Student's Feedback

Assessment Tests are conducted twice in a semester and one Model exam as per the schedule mentioned in the academic calendar. Cognitive levels of the students are tested and analyzed for improvement Assignments are given to students, and considered for internal marks. Students are asked to give Seminars on interested topics. Laboratory session are conducted and experiments done as per and beyond syllabus.. Mini projects and project are done by group of 2 to 4 under a project supervisor. Project Work done by students and designed prototype is converted to product. It is evaluated by conduct of Viva Voce examination by examiner appointed by Anna University. The end semester examination is conducted with the question papers set by the university. It is evaluated by examiners appointed by Anna University and results are analyzed and reviewed by HOD and Principal.

2. Indirect Measures

Following method are used to adopt indirect measures.

1. Alumni survey is done every year and analyzed based on feedback. The feedbacks are analyzed and the suggestions are taken into consideration

2. Parent's Feedback is collected and considered for improvement

Employer's Feedback is received from employers to know and understand the performance of graduates & skill level of students for further improvement

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://smit.edu.in/engineering/AOAR/2021-22/criteria_2/2.6.2.docx

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

186

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://smit.edu.in/engineering/AOAR/2020-21/criteria_6/ANNUAL_REPORT(21-22).docx

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://smit.edu.in/engineering/AOAR/2021-22/criteria_2/2.7.1.docx

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)

25.15

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

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

5

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

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

14

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://smit.edu.in/engineering/AQAR/2021-22/criteria_3/3.1.1_21-22.pdf

3.2 - Innovation Ecosystem

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

Sri Muthukumaran Institute of Technology (SMIT) prides itself on fostering a culture of innovation and entrepreneurship through its three main cells: the Institute Innovation Cell (IIC), the Intellectual Property Rights (IPR) Cell, and the Entrepreneurship Development Cell (EDC). These cells were established with the aim of promoting research, innovation, and entrepreneurial skills among students and faculty members. They organize a variety of seminars, workshops, and events focused on research areas, methodological approaches, IPR awareness, patent drafting, and entrepreneurship development.

The Institute Innovation Cell (IIC) plays a pivotal role in nurturing innovative ideas and projects among students. Since its inception in 2017, the IIC has been actively encouraging students to participate in hackathons, contests, and innovation challenges. These events provide students with opportunities to showcase their creativity, problem-solving abilities, and technical skills.

Jan 2022, seminar titled on IP (Intellectual Property) Challenges in Engineering and Technology is conducted for faculties and students ensuring the protection and preservation of innovations. 156 participants dynamically participated and certificated distributed.

Jan 2022, seminar titled on Entrepreneurship and Career Opportunities in Recent Technologies is organized by EDC for students. 75 students from various departments willingly participated.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_3/3.2_Seminar_IP_Challenges.pdf

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

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

10

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

3.3 - Research Publications and Awards

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

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

02

File Description	Documents
URL to the research page on HEI website	https://smit.edu.in/engineering/AOAR/2021-22/criteria 3/3.3.1 additional information .pdf
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

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

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

53

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

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

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

44

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

3.4 - Extension Activities

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

SMIT organizes a number of extension activities to promote institute-neighborhood community to sensitize the students towards community needs. The staff & students of our college actively participate in social service activities leading to their overall development of neighbourhood communities by National Service Scheme and more than ten Club units. Through these the SMIT undertakes various extension activities in the neighbourhood community.

NSS organizes a residential camp in nearby adopted villages (Chikkarayapuram, Sivanthangal, Kollacheri) and several activities were carried out by Volunteers addressing social issues which include Cleanliness, Women Empowerment Programmes, Personality Development Programmes, Road Safety Programmes, Organic Farming, Training for Autistic Students, Veterinary guidance Program, Cashless Transaction Awareness Programme etc..

The Club units of the SMIT organizes various extension activities as tree plantation, Cleaning campaign, Health Insurance awareness Program, Save fuel save country programme, Swachhta Abhiyan, National equality awareness. It aims at developing qualities of leadership, maintaining discipline, character building, spirit of adventure and the ideal of self service, Unity of society etc.

All these mentioned activities have positive impact on the students and it developed student community relationship, leadership skill, self confidence, Public behaviour and Social responses of students. It also helped in cultivating the hidden personality of students and created awareness among students.

File Description	Documents
Paste link for additional information	https://smit.edu.in/engineering/AOAR/2021-22/criteria_3/3.4.1-extension_activities_2021-2022
Upload any additional information	View File

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

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

10

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

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

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

30

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 during the year (Data Template)	View File

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

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

10

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

3.5 - Collaboration

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

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

20

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

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

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

10

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.

The Institution has earmarked 72 classrooms, 12 Tutorial halls, 9 seminar halls, The class rooms are provided space as per AICTE norms, adequately ventilated and fitted with modern furniture and safe electrical equipment's. Around 82% of the class rooms and seminar halls are equipped with ICT facilities. Smart class rooms are equipped with Smart boards, LCD projectors, Computer with internet connection, required furniture, and Air conditioners. The classrooms of respective departments consist of essential provisions to enable the use of LCD Projector and Laptop for Teaching-Learning process. Laboratories in all the departments comprise equipment's/ Machines as per Anna University norms and beyond. Every year around 100 latest configuration computing equipment are purchased. 40 laboratories and around 1000 computing equipment's. Every year 100 latest configuration computing equipment are purchased. The College has Auditorium & Seminar halls with LCD projectors, computers with internet facilities and public address system. These halls are utilized for Extra Curricular Activities such as Cultural program, College day, Cultural competition for Intercollege and Intra college competition. The Institution has High tech volley ball, basketball, football and cricket grounds. The indoor sports facilities include Chess, Carom, gymnasium, yoga centre and facilities for other indoor games. The college has tradition of conducting several intercollegiate Sports events (Zonal Match).The central library has a collection of 49,061 volumes, 10996 titles, 3374 CD ROM's, 80 National journals, 80 International Journals, rare books, special reports and is automated using AUTOLIB software.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2020-21/ICT/S%26H/sh%201%20621.jpg

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

The College has Auditorium & Seminar halls with LCD projectors, computers with internet facilities and public address system. These halls are utilized for Extra Curricular Activities such as Cultural program, College day, Cultural competition for Intercollege and Intra college competition. The Institution has High tech volley ball, basketball, football and cricket grounds. The indoor sports facilities include Chess, Carom, gymnasium, yoga centre and facilities for other indoor games. The college has tradition of conducting several intercollegiate Sports events. The college has well maintained lawn, garden, ramp, health care centre, first aid box, fire extinguishers, Sanitary napkin vending machine, Temple. The campus also has generator, RO Water purifier, CCTV Surveillance, Canteen provides hygiene food. The college has Hostel facility for both Boys and Girls. The Entrepreneurship development cell, Research & Innovation cell, Placement cell provides consistent support and motivations to the students for their self-development. Laboratories in all the departments comprise equipment's/ Machines as per Anna University norms and beyond. Every year around 100 latest configuration computing equipment are purchased. 40 laboratories and around 1000 computing equipment's. Every year around 100 latest configuration computing equipment are purchased.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2020-21/ICT/SPORTS/20230418_31814PMBByGPSMapCamera.jpg

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

81

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_4/20240319_134727.jpg
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)

26.31

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)

a. LIBRARY IS AUTOMATED USING INTEGRATED LIBRARY MANAGEMENT SYSTEM (ILMS)

The library is automated with Autolib(Library Automation Software)(version 1.5), which allows users to easily perform transactions and borrow books using bar-coded cards

The library software has contained below modules:

1. Circulation: This module facilitates enrollments,

transactions, late fees, and notifications. It also includes maintenance tasks such as binding, lost, replaced, disappeared and removed.

2. **Catalogue:** The main function of this module is to search for information such as corpus, subject name, and series name.
3. **Barcode/RFID Tagging Generator:** Barcodes and RFID (radio frequency identification) are all systems for conveying large amounts of data in a small format. It offer speed, labor savings and cost savings, among other benefits.
4. **On-line Public Access Catalogue (OPAC):** This module has simple and advanced search facility with minimum information of documents available in database by author, title, corporate body, conference name, subject headings, keywords, class number, series name, accession number of any of two or more information.
5. **Serial control:** Managing Serials is most complicated job for a library. This module keeps track of serials in the library are effectively and efficiently.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://smit.edu.in/engineering/AQAR/2020-21/criteria_4/lib/IMG-20240319-WA0017.jpg

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

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)

10.5

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**

80

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**

Sri Muthukumaran Institute of Technology offers 11 UG Courses in Engineering and Technology, Six PG Courses in Engineering and also offers MBA and MCA. SMIT has a well-equipped IT infrastructure with internet speed of 150 Mbps 1:1 Broad Band from Airtel internet service provider over 24X7.

Internet can be accessed from more than 450 desktop computers through LAN and WiFi. The IT Centre of SMIT supports campus wide fiber optic network and wireless networks with high quality routers, hub, Intercom, switches that connects all the academic Departments, Library, Placement Cell and Exam cell of the College. The IT Centre provides System Administration and Technical support which includes software installation, network monitoring (both wired & wireless), internet connection and etc. SMIT have totally six servers including two number of HP Server-Proliant 8GB RAM/2TB SATA.

SMIT has totally 720 computers with high configuration. SMIT also has smart boards, LCD Projectors for smooth conduction of Seminar, Faculty Development Programs, Conference and etc. We also use open-source operating systems such as Ubuntu and open-source software. Wi-Fi is provided for all the department and it is upgraded often. Firewall and Anti-virus software is installed to ensure better security.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria 4/IT infrastructure 21-22.docx

4.3.2 - Number of Computers

720

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

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

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

505.16

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

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

The Institution has earmarked 60 classrooms, 12 Tutorial halls, 9 seminar halls, The class rooms are provided space as per AICTE norms, adequately ventilated and fitted with modern furniture and safe electrical equipment's. Around 82% of the class rooms and seminar halls are equipped with ICT facilities. Smart class rooms are equipped with Smart boards, LCD projectors, Computer with internet connection, required furniture, and Air conditioners. The classrooms of respective departments consist of essential provisions to enable the use of LCD Projector and Laptop/Computer for Teaching-Learning process. Laboratories in all the departments comprise equipment's/ Machines as per Anna University norms and beyond. Every year around 100 latest configuration computing equipment are purchased. 40 laboratories and around 1000 computing equipment's. Every year around 100 latest configuration computing equipment are purchased. The Institution has High tech volley ball, basketball, football and cricket grounds. The indoor sports facilities include Chess, Carom, gymnasium, yoga centre and facilities for other indoor games. The college has tradition of conducting several intercollegiate Sports events (Zonal Match). The central library has a collection of 49,061 volumes, 10996 titles, 3374 CD ROM's, 80 National journals, 80 International Journals, rare books, manuscripts, special reports and is automated using AUTOLIB software. Apart from the textbooks, GATE, GMAT, GRE, TOEFL Exams books are also available to prepare competitive exams for their students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://smit.edu.in/engineering/AOAR/2021-22/criteria_4/20240319_134727.jpg

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**

787

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**

787

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://smit.edu.in/engineering/AOAR/2021-22/criteria_5/AOAR-5.1.3.pdf
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

335

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

335

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

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

A. All of the above

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

56

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

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

5.2.2.1 - Number of outgoing student progression to higher education

9

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

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

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

3

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

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

13

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)

An active Student Council serves as the heartbeat of student life within the institution, pulsating with energy, enthusiasm, and advocacy. Its presence is not merely symbolic but transformative,

as it champions the interests and aspirations of the student body while forging meaningful connections with the administration.

At the core of its mission lies the crucial task of ensuring student representation on academic and administrative bodies. Through this representation, students become integral stakeholders in the decision-making processes that shape their educational journey. Whether it's influencing curriculum development, refining campus policies, or enhancing student services, their voices resonate powerfully through the corridors of governance.

This symbiotic relationship between the Student Council and institutional bodies cultivates a culture of collaboration, transparency, and empowerment. It's not just about having a seat at the table but actively shaping its discussions and outcomes. By bridging the gap between students and decision-makers, the Student Council becomes a catalyst for positive change, fostering a dynamic learning environment where every student feels valued, heard, and supported.

In essence, the presence of an active Student Council and robust student representation on academic and administrative bodies is not just a checkbox on the institutional checklist; it's the vibrant heartbeat that propels the institution towards excellence, inclusivity, and student-centricity.

File Description	Documents
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_5/5.3.2writeup2021-2022.docx
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

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

Alumni are the key persons who promote the rate of Institution advancement appreciably by their loyal support, spirit of contribution in terms of financial as well as academic support. Alumni act as a bridge between the Institute and industries for interaction on new developments in different disciplines of Engineering, Management and Computer Applications. Alumni serve as role models for the current students. Alumni are often in the position to engage the expertise of the Institution in their professional career.

Focusing the above as objectives, our Institution has taken initiatives to register an Alumni Association in the name Sri Muthukumaran Institute of Technology Alumni Association (SMITAA) under Tamilnadu Society Registration Act 1975 with the following details:

Established in 18th July 2018

Alumni Association Registration Number: 318/2018

The main purpose of alumni association is to support a network, cultivate partnerships and enhance the impact of the college alumni community globally. After evaluating the needs Alumni is segmented into appropriate groups for better engagement. Facilitating mentorship, placements and professional collaborations with current students. They also play a significant role in contributing scholarships to deserving students. Alumni

get in touch with students share their expertise and best practices in a given field.

File Description	Documents
Paste link for additional information	https://smit.edu.in/engineering/AOAR/2021-22/criteria 5/5.4.1 alumni 2021-2022.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year D. 1 Lakhs - 3Lakhs (INR in Lakhs)

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 emerge as a Premier Institute of supreme standards imparting professional education and research with high ethical values towards meeting global challenges

Mission

- Generating abundant resources and providing holistic academic ambience that supports intellectual growth and skill acquisition to achieve supreme standards in professional Education.
- Promoting collaborative multidisciplinary innovative research Programs in synergy with global Challenges to achieve supreme standards in research.

Imparting value based Education and instilling high ethical values to dedicate

The alumni association, staff, management, principal, IQAC members, and numerous committees collaborate to establish and

execute goals within the governance framework. Heads of Departments (HODs) oversee the allocation of subjects to instructors and the creation of schedules based on workload considerations. Both staff and students are encouraged to offer suggestions for school improvement, many of which are implemented and regularly assessed for effectiveness.

Staff meetings foster open democratic discussions aimed at promoting institutional advancement. Staff members also serve as counselors and coordinators to engage students in various initiatives. Management actively participates in events, provides financial support, and oversees their execution. The college maintains strong ties with all local government agencies, including police and district administrations, government and private hospitals, forest departments, and religious institutions. Additionally, the college collaborates with various non-governmental organizations (NGOs) and clubs like Rotary and Lions.

File Description	Documents
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_6/6.1.1_vision_mission(21-22).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 Governing Body (GB) holds the highest authority for developing and approving the institution's strategic plans. It comprises members from the Board of Management, the Chief Executive Officer, UGC nominees, State Government nominees, Affiliating University nominees, educators, senior faculty, and the principal, who serves as the ex-officio member secretary.

Before implementation, policies and decisions regarding co-curricular and extracurricular activities, research and development, and academics made by the Academic Council (AC) must be ratified by the Governing Body (GB).

Once accepted by the AC and GB, the Principal leads the implementation of impactful techniques and policies. In their role as team leader, the Principal delegates administrative responsibilities to Deans, Heads of Departments (HoDs), Convenors, and Coordinators to oversee and manage daily operations.

Decentralization

The institution's IQAC and Statutory Committees are dedicated to enhancing quality standards. At the start of each academic year, faculty members convene to discuss operational matters. Committees are formed with specific roles and are accountable to both the Principal and IQAC. Feedback from stakeholders guides future improvements. Department Heads oversee daily operations, while the Principal handles administrative and academic responsibilities. Faculty members actively participate in various committees. The Principal ensures the implementation of mentorship across all areas, while the IQAC monitors activities closely.

Participative management

Participative management entails involving employees in decision-making processes, fostering a sense of ownership and commitment among them. This approach boosts employee motivation and satisfaction while enhancing organizational performance through the exchange of knowledge and ideas.

File Description	Documents
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_6/6.1.2_governance_&_leadership(21-22).pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Deployment of institutional Strategic/ perspective/development plan

Achievement of student progression is evidenced through student's

placement in their core companies. Every year around 20% of the students opt for higher education by clearing competitive examinations like GATE, TOFEL, GRE etc., They also get selected in other State/National level services Examinations. With an objective of nurturing leadership qualities and participatory spirit among students, an active Student Council is functioning in the college. Students are given opportunity to contribute towards Institution building by allocating active student roles in all the academic/ administrative bodies/ committees of the Institution. The college organizes several cultural and sports meet in the Zonal/ State/ National level.

Strategic Plan

The Institution is accredited by two times National Board of Accreditation (NBA) during the years 2005-2008 & 2008-2011. The Institute has got recognition from UGC under 2(f) and 12(B) scheme in the year 2017. The Institution is accredited by National Assessment and Accreditation Council (NAAC) with B+ grade in the year 2018 and participated in the National Institute of Ranking Framework (NIRF) process since 2018. Our college has also participated in the All India Survey on Higher Education (AISHE) from 2011 onwards. Personality Development Program for students, Faculty Development Program (FDP), research and consultancy projects are planned and executed to achieve the goal as recommended by IQAC.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_6/6.2.1_(2021-22).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.

Administrative setup

Principal and Vice Principal is monitoring the administrative and academic activities of the Institution. Head of the Departments

take the responsibility of handling above activities of their respective department. They are entitled to take decisions as per the needs of the situations in exigencies and get them ratified by the Head of the Institution subsequently at a later stage. The funds will be sanctioned by the Head of the Institution for the multiple events planned in the academic year. The respective HoDs will play the lead role in the smooth conduction of all the events by forming an effective team pertaining to curricular, co-curricular and extra - curricular events.

Appointment and Service Rules

Recruitment of teaching, non-teaching and administrative staff is planned at the end of every academic year as per the requirements of the next academic year. The Head of the department assesses the need for additional faculty based on workload calculation and specialization requirement. With respect to the requirement, the Principal and Vice principal will discuss with HoDs. Based on the discussion, the advertisement for the faculty and other staff members recruitment will be published in the public social medias with vacancies and the required basic qualification details.

File Description	Documents
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_6/6.2.1_(2021-22).pdf
Link to Organogram of the institution webpage	https://smit.edu.in/engineering/AQAR/2021-22/criteria_6/6.2.2_organisation(21-22).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

D. Any 1 of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Both teaching and non-teaching staff at the college benefit from a range of welfare schemes.

The administration provides financial assistance to facilitate faculty members' participation in training sessions, Faculty Development Programs (FDPs), conferences, seminars, and workshops.

Fee reductions are available for children of staff members

Eligible faculty members can utilize subsidized transportation amenities, boarding, and staying accommodations.

The management ensures that benefits such as the Provident Fund (PF) and Employee State Insurance (ESI) are provided to the employees.

Affordable hostel and mess facilities are provided.

Sponsorships are available for publications

Transport services are offered to both teaching and non-teaching staff members.

Research incentives

Paid leave on-duty

Statutory and medical leave are provided for both teaching and non-teaching staff members.

Maternity Leave for Eligible Members of Faculty

Support for academic

Sponsorship is available for Ph.D. programs and for non-teaching paid on-duty permitted to pursue their UG/PG degree

Skill development and Faculty Development Programs (FDPs) for effective teaching and learning are provided.

Eligible faculty members are granted summer and winter vacations.

The library subscribes to journals and magazines to support research activities.

General Welfare Measures

Canteen facilities are accessible during regular and extended working hours.

The Women Empowerment Cell ensures the well-being of female faculty members.

Wi-Fi services are provided for all staff members.

File Description	Documents
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_6/6.3.1-WelfareofTeaching&NonTeaching-Staff.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

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

184

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

29

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

6.3.5 - System for Evaluating the Performance of Teaching Staff: Faculty members are obligated to fulfill a comprehensive self-evaluation form that covers a wide range of topics, including academic curricular engagements, administrative responsibilities, participation in activities at the collegiate level, membership in professional organizations, program participation, program completion, research undertakings. In light of the evaluation, determinations will be rendered in accordance with impartial assessments. **System for Evaluating the Performance of Non-Teaching staff:** The assessment of non-teaching staff includes laboratory activities, departmental contributions, successful completion of skill development courses, and adherence to discipline standards, among other factors.

The performance appraisal system comprises the subsequent fundamental components:

Teaching Staff

The teaching staff is provided with comprehensive explanations of the performance appraisal system in advance.

Teaching staffs are obligated to submit their Appraisal form (AF) at the end of the academic year.

The promotion-eligible faculty members are chosen on the basis of their AF score and are then expected to appear before the screening-and-selection committee.

The assessment of staff members' AF scores is conducted by the principal and their respective heads of department (HOD).

Non-Teaching Staff:

The appraisal of non-teaching staff is based on the following parameters:

Personal interaction conducted by the principal with library and office staff.

Following evaluation of all parameters, remarks are provided by the principal.

File Description	Documents
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_6/6.3.5-perf.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

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. Our Institution conducts internal and external financial audits to ensure the fiscal integrity and transparency of financial operations. Internal Financial Audits: To Ensure adherence to internal policies, regulatory requirements, and relevant accounting standards internal audit is conducted at regular intervals to assess the efficiency and effectiveness of financial processes, including budgeting, procurement, and expenditure of the Institution. Every transaction bill will be verified by the Principal and Administrative officer and so that the transactions are accurate and transparent and misuse of funds will be avoided. External Financial Audits: External auditors appointed by the

management verifies the accuracy and fairness of the institution & financial statements. All the funds received will be reviewed in the audit and if there is any objections they will raise and the internal audit team will thoroughly reviewed and finalized by the Principal. Regular meetings between audit teams and management facilitate the resolution of objections within stipulated timeframes. Continuous improvement strategies are employed to address underlying issues identified during audits, ensuring that the institution upholds the highest standards of financial integrity and accountability.

File Description	Documents
Paste link for additional information	https://smit.edu.in/engineering/AOAR/2021-22/criteria_6/6.4.1_21-22.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)

30000

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

Institute maintains follows a well-planned process for the mobilization of funds and resource. The process involves various committees of the institute as well as the Department Heads and Accounts office. Institute has designed some specific rules for the fund usage and resource utilization. ? Mobilization of Funds, the student Tuition fee is the major source of income for the institute. ? Various government and non-government agencies sponsor events like seminars and workshops. ? Alumni contribute to

the institute by raising funds to purchase items like water coolers, wall clocks, etc. Utilization of Funds ? A finance committee has been constituted to monitor the optimum utilization of funds for various recurring and non-recurring expenses ? The purchase committee seeks quotations from vendors for the purchase of equipment, computers, books, etc. ? The Principal, finance and purchase committees along with the accounts department ensure that the expenditure lies within the allotted budget. The intervention of the management is sought in case the expenditure exceeds the budget.

Resource Mobilization Policy and Procedure ? Before the financial year begins, Principal and Heads of Departments prepare the college budget. ? The institutional budget includes recurring expenses such as salary, electricity and internet charges, stationary & other maintenance costs. ? The budget is scrutinized and approved by the top management and Governing Council.

File Description	Documents
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_6/6.4.3(21-22)MOB.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

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes The IQAC has played a pivotal role in institutionalizing quality assurance strategies and processes. Participation in NIRF ranking: Participation in surveys and rankings conducted by NIRF and other reputable private publications is led by the IQAC. The organization distributes the criteria for these evaluations to every department, encouraging them to proactively engage in endeavors that improve quality and accumulate points in accordance with these criteria. CO-PO Attainment Process: The course outcomes (COs) are carefully established in accordance with the program outcomes (POs) and are easily obtainable through the syllabus. The mapping of course outcomes to program outcomes is conducted by the faculty members for each individual course, utilizing an articulation framework that is applied to all courses and programs.

File Description	Documents
Paste link for additional information	https://smit.edu.in/engineering/AOAR/2021-22/criteria 6/6.5.1 PEOs AND POs-2021.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

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 Internal Quality Assurance Cell (IQAC) implements a methodical procedure to conduct routine evaluations of the Teaching-Learning process. The Calendar Validation Committee supervises and evaluates the Academic Calendar, which records meticulously scheduled academic activities. In addition to financial audits, periodic academic and administrative audits are performed to ensure efficient monitoring and evaluation. The IQAC evaluates the teaching-learning process on a regular basis and proactively implements quality improvement measures. The Academic Calendar, which is comprehensively organized and widely circulated within the Institute, is rigorously followed. Upon enrollment, students are obligated to participate in the Orientation Program. This program serves to familiarize them with the Institute's guiding principles, unique educational methodology, assessment procedures, fundamental courses, extracurricular activities, disciplinary regulations, and campus infrastructure via a guided tour.

Every student is provided with a Student Record that includes essential details. Additionally, schedules, program structures, and course syllabi are disseminated in a punctual manner prior to the start of the semester.

The Principal, in collaboration with department heads and individual faculty members, participates in comprehensive analysis and feedback sessions. This process facilitates the implementation of IQAC recommendations, which enable well-informed decisions and adjustments. As a result, the teaching-learning methodologies are consistently assessed and improved.

File Description	Documents
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/IQAC-REPORT(21-22).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)

D. Any 1 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://smit.edu.in/engineering/AQAR/2020-21/criteria_6/ANNUAL_REPORT(21-22).docx
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

Gender-equitable education system empowers both girls and boys to develop the skills for life that young people need to succeed.

Our organization established a Women empowerment cell, where all the students are encouraged to participate all the events.

Analyzed personal attitudes toward issues of sexual harassment, Drug awareness programs to both Girls and Boys were conducted through seminar and workshop.

We do have a Counselor, who can be easily accessible to help the girl student's personal problems also. The students can share their issues with them without any hesitation and they will be protected from any kind of harassment inside or outside of the campus. This will be much helpful for the students to share their issues and get some relief. If any additional supports required to them, it will be provided by the institution. So, we are making sure that the students live in a safe and secure environment.

The ICC (Internal complaints committee) has taken several measures to enhance safety & security on campus. By constituting Internal Complaints Committee (ICC), We provide security guards available on the premises of the Institute to ensure the safety of women.

File Description	Documents
Annual gender sensitization action plan	https://smit.edu.in/engineering/AQAR/2021-22/criteria_7/Action_plan.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_7/GEOTAGGED_PHOTO_02.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

B. Any 3 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

Decomposable solid wastes are collected in organic bins and non decomposable solid wastes are collected in inorganic bins for the easier disposal of the campus wastes without creating any

environmental pollution.

Bins are available in every class rooms and common area where the wastes are frequently generated. The house keeping staffs empty the bins regularly on time basis. Inorganic wastes are carried away by municipality solid waste vehicle.

Since water is the basic necessity of life and is used for many purposes, recycling of water is necessary to reach the highest demand of water in future. Considering this in mind, Muthukumaran College have established a Sewage treatment plant within the campus premises.

The treated water is utilized properly for watering the plants throughout the campus. Waste water treatment plant is maintained inside the campus for recycling wastewater which are used in dewatering the plants inside the campus.

Disposal of wastes generated due to E-Waste is becoming a serious problem and to tackle this situation the college has signed a memorandum of understanding with E-Waste recycling company and the institution.

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

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus B. Any 3 of the above

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

7.1.5 - Green campus initiatives include

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

B. Any 3 of the above

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

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

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

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

A. Any 4 or all of the above

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage

B. Any 3 of the above

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

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).

Institutions across various sectors, including education, government, and corporate entities, have recognized the importance of fostering an inclusive environment that promotes tolerance, harmony, and respect for diversity. These efforts aim to create spaces where individuals from different cultural, regional, linguistic, communal, and socioeconomic backgrounds feel valued and respected. Sensitizing students and employees to constitutional obligations, values, rights, duties, and responsibilities of citizens is a crucial aspect of these initiatives.

One of the primary institutional efforts in this regard involves implementing diversity and inclusion policies and practices. These policies outline the institution's commitment to creating an environment that embraces diversity and prohibits discrimination based on factors such as race, ethnicity, religion, gender, sexual orientation, disability, or socioeconomic status. Institutions establish diversity committees or task forces responsible for developing and implementing strategies to promote inclusivity and address any issues related to discrimination or bias.

Sri Muthukumaran Institute of Technology provides an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socio-economic and other diversities. Different sports and cultural activities organized inside the college promote harmony towards each other. Therefore, all through the year, our college witnesses a variety of festivals and occasions.

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

Colleges play a crucial role in shaping young minds and instilling a sense of civic duty. To promote constitutional obligations, including values, rights, duties, and responsibilities of citizens, colleges organize various activities. These activities not only educate students about their constitutional rights but also encourage them to fulfill their duties as responsible citizens. Colleges often organize workshops and seminars on constitutional rights and duties.

Debates and discussions are effective ways to engage students in conversations about constitutional obligations. Colleges organize debates on contemporary issues related to constitutional rights, such as freedom of speech, right to education, and gender equality. These activities encourage students to think critically and express their opinions on important constitutional matters.

Colleges often collaborate with legal aid organizations to conduct legal awareness programs for students. These programs educate students about their legal rights and the importance of upholding the rule of law. Students are also informed about the legal remedies available to them in case of any violation of their rights.

Colleges encourage students to engage in social service activities to promote a sense of social responsibility. These activities help students understand their role in building a just and equitable society as enshrined in the constitution.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://smit.edu.in/engineering/AOAR/2021-22/criteria_7/7.1.9.pdf
Any other relevant information	https://smit.edu.in/engineering/AOAR/2021-22/criteria_7/7.1.9.pdf

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

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

As an academic institution, it believes in value education as the English proverb goes 'Knowledge comes but wisdom lingers', so the society by and large needs wisdom for grooming of healthy society. The life stories of our national heroes, their contribution in nation-building, their sacrifices and efforts for the creation of universal brotherhood, peace and tolerance etc. have always appealed the youths of the nation. Therefore, institution celebrates the events of national importance like Independence Day

and Republic Day, Festivals like Diwali, Christmas, Ramzan Eid to maintain communal harmony. The institution also observes Gandhi Jayanti, Dr. Ambedkar Jayanti and celebrates 5th September, the Teachers Day as a Birth Anniversary of Dr. Sarvapalli Radhakrishnan.

For the academic year 2021-22, we have been celebrating these days from few decades. we have been celebrating the following days like World Environment Day, International Yoga Day, Constitution Day, National Mathematics Day, Independence Day, Republic Day, Wild life conservation week, Marathi Language Day, National Science Day, National Unity Day on the Birth Anniversary of Sardar Vallabhbhai Patel, Birth Anniversaries of Dr. APJ Abdul Kalam, Maharaj, Netaji Subhash Chandra Bose, Commemorate to Mahatma Gandhi and Dr. Ambedkar.

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.

Sri Muthukumaran Institute of Technology follows two best practices 2020-2021.

Best Practice-1

- Best Practice-2

1.Title of the Practice

'Protecting the academic interest of students.' during the pandemic.

Empowerment of local community by CSR Activities.

2.Objectives of the Practice

- Strengthening of Infrastructure by using ICT Tools
- Capacity Building of Teachers and evaluate Various Online Platforms.

•Empowering through technology and innovation

•Ensuring and promoting social well-being.

3.The Context

Strengthening of infrastructure by

a) Information Technology Equipment

b) Physical Infrastructure:

c)Digital infrastructure:

The NSS Unit has encouraged to download 'Arogya SetuApp' registered to iGOT health Module and distributed Face Masks, Sanitizers, etc

4.The Practice

The syllabi for all Semesters or concerned courses under SMIT are being taken up for completion through various online modes.

Meetings of all CRs of all years were conducted to understand the issues in conducting online lectures through virtual platforms.

5.Evidence of Success

SMIT is committed to the academic quality and actively adopting innovative methods.

Best practice

Numbers

Blood Donations camp

50

Distribution Facemasks, Sanitizers

500

Arogya Setu App

1324

Distribution of Medicine

1508

6.Problems Encountered and Resources Required

Sometimes network issues during online classes.

Hesitation from the village people to co-operate with NSS team.

File Description	Documents
Best practices in the Institutional website	https://smit.edu.in/engineering/AQAR/2020-21/criteria_7/7.2.1_Best_Practices_2020-21-.pdf
Any other relevant information	https://smit.edu.in/engineering/AQAR/2020-21/criteria_7/7.2.1_Best_Practices_2020-21-.pdf

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

Women Empowerment - Nurturing the potential of girl students to empower themselves : The Bedrock of SMIT creed.

The nurturing of girl students potential is one of the bedrock of

The SMIT creed. Encouraging Girl students to pursue their higher education in Engineering and Management stream is one of the cornerstone of SMIT. The degree in engineering and management is one of the greatest weapon the girl students will be possessing to gain unique advantage in the competitive working world. Our institution nurtures the girl students to hone their skills in their respective domain as well as in overall holistic development by giving appropriate exposure to girl students in curricular, cocurricular and extension activities. This is done by various committees and through programs such as personality development program, carrier counseling program etc.

We not only concentrate on Cognition skill sets but also give thrust in Affective domain by providing various training programs in soft skill development and help them to develop mentally and emotionally strong and make them ready to face any kind of situation

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

Since 1996, our institution has been affiliated with Anna University in Chennai. At the start of each academic year, the principal gathers all faculty members for meetings to brainstorm strategies for effectively carrying out the curriculum, along with extracurricular and extension initiatives.

We make sure to carefully stick to Anna University's curriculum plan, creating and teaching our syllabi with great care to help our students succeed. As part of Anna University, we always keep ourselves informed about the newest ways of teaching and make sure we follow all the rules set by the government and the university.

The Head of Departments (HODs) are in charge of allocating subjects to faculty members based on their areas of competence, estimating the workload for faculty members, and issuing subject preference lists.

To enable efficient planning and delivery, lesson plans are divided into modules, and all content is recorded in work diaries.

To meet the unique learning needs of each student, remedial and bridge courses are offered in addition to regular course delivery.

Through regular review sessions, the fulfilment of the syllabus is constantly evaluated, and action plans are put into place as appropriate.

Faculty members use a variety of pedagogical techniques, including caselets, microteaching, gamification, subject quizzes, crossword puzzles, critical thinking exercises, research projects, and fieldwork, to improve the effectiveness of their instruction.

In order to maintain learning throughout the COVID-19 epidemic,

a hybrid teaching approach was implemented, making use of tools like Zoom and Google Meet.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://smit.edu.in/engineering/AQAR/2020-21/criteria 1/1.1.1 2021-2022 uploading%20part 1.pdf

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

Since 1996, our institution has been affiliated with Anna University in Chennai. At the start of each academic year, the principal gathers all faculty members for meetings to brainstorm strategies for effectively carrying out the curriculum, along with extracurricular and extension initiatives.

We make sure to carefully stick to Anna University's curriculum plan, creating and teaching our syllabi with great care to help our students succeed. As part of Anna University, we always keep ourselves informed about the newest ways of teaching and make sure we follow all the rules set by the government and the university.

The Head of Departments (HODs) are in charge of allocating subjects to faculty members based on their areas of competence, estimating the workload for faculty members, and issuing subject preference lists.

To enable efficient planning and delivery, lesson plans are divided into modules, and all content is recorded in work diaries.

To meet the unique learning needs of each student, remedial and bridge courses are offered in addition to regular course delivery.

Through regular review sessions, the fulfilment of the syllabus is constantly evaluated, and action plans are put into place as appropriate.

Faculty members use a variety of pedagogical techniques, including caselets, microteaching, gamification, subject quizzes, crossword puzzles, critical thinking exercises, research projects, and fieldwork, to improve the effectiveness of their instruction.

In order to maintain learning throughout the COVID-19 epidemic, a hybrid teaching approach was implemented, making use of tools like Zoom and Google Meet.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://smit.edu.in/engineering/AOAR/2020-21/criteria 1/1.1.1 2021-2022 uploading% 20part 2.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

20

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

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

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

38

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

690

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

There are courses taught to the students to strengthen the ethical performance in their future career. A course on Professional Ethics is offered as National Mission in Education. Topics that deal with professional ethics, media

ethics, bio-medical ethics, legal ethics, and business ethics are taught under different courses. With a view to instill moral and social values pertaining to professional Ethics and Human values institution has taken special initiatives thus conduct of various events like seminars, guest lectures, Induction program to first year students .

ii) Cross cutting issues relevant to Gender

The College offers a course on Introduction to Gender Studies to Second Year UG students to sensitize them on gender equity and women empowerment. Many UG programmes have gender related courses or modules, such as Gender Politics in India, Women Entrepreneurship, Women Writings, Women in Sports and Games, and Feminist Epistemology. Courses on Human Rights and Social Responsibility deal with gender equity, social justice, women's rights and socio-cultural and legal dimensions of gender discrimination.

iii) Cross cutting issues relevant to Environment and Sustainability

It creates awareness to the students about energy conservation and green area management. Students are encouraged to develop prototypes related to energy management, battery operated electric vehicles etc. Certain courses have been included which gives knowledge about environment and sustainability.

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

8

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

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

309

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

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://smit.edu.in/engineering/AQAR/2021-22/criteria_1/1.4.1_2021-22_feedback_details.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

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

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://smit.edu.in/engineering/AQAR/2021-22/criteria_1/1.4.1_2021-22_feedback_details.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

407

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

383

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

The Institution caters to the needs of the students, in terms of knowledge, skills and experience. The enrolled students are assessed based on their previous higher secondary results and medium of instruction. The students are categorized into advanced learners and slow learners based on their performance in academics, co-curricular and extracurricular activities. To bridge the knowledge gap of the students, the Institution makes effort to identify and respond to special motivation needed for advanced learners and slow learners. The following efforts are made to enhance the knowledge and skills of the advanced learners. Motivation is given to help students for getting admitted in foreign universities. Special coaching is given to fetch university ranks and Gold medal. Motivation is imparted to sensitize the students towards society by encouraging them to actively involve in NSS/YRC activities. Enough opportunity is given to nurturing the organizing capabilities in events. Encouragement is given to enroll in professional societies and to participate in activities organized by professional societies and for submitting project proposals to funding agencies and publish papers in journals and conferences. Special coaching is imparted for clearing Competitive exams. The best outgoing student and topper are identified and they are awarded with cash prize and certificate. Remedial classes are conducted for slow learners. To increase the interest in learning, the slow learners are exposed to practical engineering. Special internship programs. Students are trained using innovative teaching aids to visualize the concepts which assist in the learning process

File Description	Documents
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_2/2.2.1.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
532	175

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

At SMIT, student-centric methodologies like experiential learning, participative learning, and problem-solving are prioritized to enhance learning experiences.

Experiential learning:

Experiential learning is emphasized through practical courses and virtual labs, enabling students to gain hands-on experience and work on innovative projects showcased in exhibitions, fostering motivation.

Participative learning

Participative learning is facilitated through group analysis, brainstorming, and project work using advanced technologies such as LabVIEW, MATLAB, and CAD. Engagement in professional societies and activities enhances industry connections and soft skills.

Industry interaction and summer training

Industry interaction is vital, with mandatory industrial visits, internships, and collaborations ensuring practical training and exposure to real-world challenges. Guest lectures and projects from industry experts enrich students' skills.

Problem solving methodologies adopted are

Information and Communication Technology (ICT) tools like virtual labs and software applications such as LabVIEW, CSS Python, and MATLAB provide immersive learning experiences. These tools enable students to explore engineering concepts digitally and collaborate through platforms like Google Classroom. Guest lectures via video conferencing enhance interaction and real-world exposure

File Description	Documents
Upload any additional information	View File
Link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_2/2.3.1.pdf

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

Online classes and other activities for all UG and PG programs were conducted during the year 2020-21 due to Covid situation .The SMIT Faculty members are practicing effective content delivery by using ICT tools in the online lecture class for better understanding and reinforcement of the concepts. ICT for course delivery includes power point presentation, video conferencing or educational websites. The institution has wide availability of computers in Laboratories in all departments and library, high speed internet access and general ICT knowhow among the students and the faculty. The faculties are trained for the efficient use of tools through online training sessions and faculty development programmes. Teaching/Learning methodologies include the use of ICT tools for illustrations and lectures, case-studies, project-based-methods, experimental methods. Students are given specific assignments. To enhance the effectiveness, lectures are presented as 'learning dialogues' facilitating the students by way of answering a few questions or a brief peer group discussion .ICT components are embedded in the course contents of all disciplines which include free open source software and tools for all

disciplines. It is used to conduct virtual labs, for developing projects. Google classroom facility, monitors the students' learning process through online quizzes, submission of online assignments, e-learning projects etc. ICT enabled TLP is supported with Regular Practical Sessions, access to Digital Library, Online Courses (MOOCS, NPTEL etc.), online journals

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

2.3.3.1 - Number of mentors

105

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

169

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**

68

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**

585

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.

Various measures have been taken by the Institution for Continuous Internal Evaluation (CIE) of students and for ensuring and monitoring their progress and improved performance. The mechanism of internal assessment is displayed in website and academic calendar. Our Institute ensures strict adherence of CIE activities as mentioned in the Academic Calendar.. The academic issues are discussed and the remedial actions are taken immediately. Every Semester two Assessment Tests, Class Test, Model exams are conducted as per the academic schedule framed by Anna University. Timetable for the

internal tests are prepared by exam cell and after approved by Principal it is circulated to all students. Two sets of Question papers are prepared along with the model answer key by the respective subject faculty. It is verified by the department academic committee and after approved by the Principal it is submitted to exam cell. The answer scripts are evaluated by the course coordinators and marks are displayed in notice boards. The pass percentage for each subject is fixed as 50% and students falling below the set pass percentage and absentees are instructed to appear for Retest with the second set of question paper as per the schedule framed. On line practical sessions are conducted as per schedule. Students are encouraged to do in-house projects and assessed thro project reviews. Faculties are asked to evaluate the answer script within two days after the test and marks should be submitted. Retest schedule is prepared after the completion of assessment test

File Description	Documents
Any additional information	View File
Link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_2/2.5.1.pdf

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

Response:

To deal with internal examination related grievances, a streamlined mechanism is adopted and practiced. The details of the mechanism are:

- The internal assessment test schedules are prepared as per the university and communicated to the students well in advance.
- To ensure proper conduct of assessment tests, invigilators are assigned to each hall. Evaluation is done by the course handling faculty members within two days from the date of tests.
- The corrected answer scripts of the students are distributed to them for the verification by the students and any grievance regarding valuation or total mistake is redressed within three days after the grievance addressed.

- Regarding doubt in valuation of answer is clarified or rectified by verification with the answer key and thus the transparency in grievance redressal is followed.

The internal marks are prepared based on internal tests/ model exam marks and the same is displayed on notice board. Query if any is discussed with faculty and HOD and addressed

File Description	Documents
Any additional information	View File
Link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_2/2.5.2.pdf

2.6 - Student Performance and Learning Outcomes

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

Mechanism of Communication of Program Outcomes and Course Outcomes:

- Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are made available on the college website.
- Program Outcomes (POs) and Program Specific Outcomes (PSOs) are published in the Prospectus.
- Program Outcomes (POs) and Program Specific Outcomes (PSOs) are displayed in the respective department's Notice Boards.
- Program Outcomes (POs) and Program Specific Outcomes (PSOs) are published in the department Academic Calendar.
- Program Outcomes (POs) and Program Specific Outcomes (PSOs) are mentioned in the department's Newsletters/ Magazines.
- During the orientation program, students are informed about Program Outcomes (POs) and Program Specific Outcomes (PSOs). Course Outcomes (COs) listed in the syllabus copy are distributed to students.
- Awareness about Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) is spread during department level meetings (Class committee meetings, seminars etc.,) and activities.
- Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are mentioned in the subject

lesson plan and circulated to the students.

Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are published in log books

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_2/2.6.1%281%29.docx
Upload COs for all Programmes (exemplars from Glossary)	View File

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

The Institution monitors and ensures the achievements of Program Outcomes (POs) and Program Specific Outcomes (PSOs) through the following measures:

1. Direct Measures

1. Assessment Tests
2. Model Examination
3. End Semester Examination
4. Student's Feedback

Assessment Tests are conducted twice in a semester and one Model exam as per the schedule mentioned in the academic calendar. Cognitive levels of the students are tested and analyzed for improvement Assignments are given to students, and considered for internal marks. Students are asked to give Seminars on interested topics. Laboratory session are conducted and experiments done as per and beyond syllabus.. Mini projects and project are done by group of 2 to 4 under a project supervisor. Project Work done by students and designed prototype is converted to product. It is evaluated by conduct of Viva Voce examination by examiner appointed by Anna University. The end semester examination is conducted with the question papers set by the university. It is evaluated by examiners appointed by Anna University and results are analyzed and reviewed by HOD and Principal.

2. Indirect Measures

Following method are used to adopt indirect measures.

1. Alumni survey is done every year and analyzed based on feedback. The feedbacks are analyzed and the suggestions are taken into consideration
2. Parent's Feedback is collected and considered for improvement

Employer's Feedback is received from employers to know and understand the performance of graduates & skill level of students for further improvement

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_2/2.6.2.docx

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

186

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://smit.edu.in/engineering/AQAR/2020-21/criteria_6/ANNUAL_REPORT(21-22).docx

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://smit.edu.in/engineering/AQAR/2021-22/criteria_2/2.7.1.d

[OCX](#)**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)**

25.15

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

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

5

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

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

14

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://smit.edu.in/engineering/AQAR/2021-22/criteria_3/3.1.1_21-22.pdf

3.2 - Innovation Ecosystem

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

Sri Muthukumaran Institute of Technology (SMIT) prides itself on fostering a culture of innovation and entrepreneurship through its three main cells: the Institute Innovation Cell (IIC), the Intellectual Property Rights (IPR) Cell, and the Entrepreneurship Development Cell (EDC). These cells were established with the aim of promoting research, innovation, and entrepreneurial skills among students and faculty members. They organize a variety of seminars, workshops, and events focused on research areas, methodological approaches, IPR awareness, patent drafting, and entrepreneurship development.

The Institute Innovation Cell (IIC) plays a pivotal role in nurturing innovative ideas and projects among students. Since its inception in 2017, the IIC has been actively encouraging students to participate in hackathons, contests, and innovation challenges. These events provide students with opportunities to showcase their creativity, problem-solving abilities, and technical skills.

Jan 2022, seminar titled on IP (Intellectual Property) Challenges in Engineering and Technology is conducted for faculties and students ensuring the protection and preservation of innovations. 156 participants dynamically participated and certificated distributed.

Jan 2022, seminar titled on Entrepreneurship and Career Opportunities in Recent Technologies is organized by EDC for students. 75 students from various departments willingly

participated.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria 3/3.2 Seminar IP Challenges.pdf

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

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

10

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

3.3 - Research Publications and Awards

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

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

02

File Description	Documents
URL to the research page on HEI website	https://smit.edu.in/engineering/AQAR/2021-22/criteria 3/3.3.1 additional information.pdf
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

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

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

53

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

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

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

44

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

3.4 - Extension Activities

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

SMIT organizes a number of extension activities to promote institute-neighborhood community to sensitize the students towards community needs. The staff & students of our college actively participate in social service activities leading to their overall development of neighbourhood communities by National Service Scheme and more than ten Club units. Through these the SMIT undertakes various extension activities in the neighbourhood community.

NSS organizes a residential camp in nearby adopted villages (Chikkarayapuram, Sivanthangal, Kollacheri) and several activities were carried out by Volunteers addressing social issues which include Cleanliness, Women Empowerment Programmes,

Personality Development Programmes, Road Safety Programmes, Organic Farming, Training for Autistic Students, Veterinary guidance Program, Cashless Transaction Awareness Programme etc...

The Club units of the SMIT organizes various extension activities as tree plantation, Cleaning campaign, Health Insurance awareness Program, Save fuel save country programme, Swachhta Abhiyan, National equality awareness. It aims at developing qualities of leadership, maintaining discipline, character building, spirit of adventure and the ideal of self service, Unity of society etc.

All these mentioned activities have positive impact on the students and it developed student community relationship, leadership skill, self confidence, Public behaviour and Social responses of students. It also helped in cultivating the hidden personality of students and created awareness among students.

File Description	Documents
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_3/3.4.1-extension_activities_2021-2022
Upload any additional information	View File

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

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

10

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

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS

awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

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

30

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 during the year (Data Template)	View File

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

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

10

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

3.5 - Collaboration

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

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

20

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

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

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

10

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.

The Institution has earmarked 72 classrooms, 12 Tutorial halls, 9 seminar halls, The class rooms are provided space as per AICTE norms, adequately ventilated and fitted with modern furniture and safe electrical equipment's. Around 82% of the class rooms and seminar halls are equipped with ICT facilities. Smart class rooms are equipped with Smart boards, LCD projectors, Computer with internet connection, required furniture, and Air conditioners. The classrooms of respective departments consist of essential provisions to enable the use of LCD Projector and Laptop for Teaching-Learning process. Laboratories in all the departments comprise equipment's/ Machines as per Anna University norms and beyond. Every year

around 100 latest configuration computing equipment are purchased. 40 laboratories and around 1000 computing equipment's. Every year 100 latest configuration computing equipment are purchased. The College has Auditorium & Seminar halls with LCD projectors, computers with internet facilities and public address system. These halls are utilized for Extra Curricular Activities such as Cultural program, College day, Cultural competition for Intercollege and Intra college competition. The Institution has High tech volley ball, basketball, football and cricket grounds. The indoor sports facilities include Chess, Carom, gymnasium, yoga centre and facilities for other indoor games. The college has tradition of conducting several intercollegiate Sports events (Zonal Match).The central library has a collection of 49,061 volumes, 10996 titles, 3374 CD ROM's, 80 National journals, 80 International Journals, rare books, special reports and is automated using AUTOLIB software.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2020-21/ICT/S%26H/sh%201%20621.jpg

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

The College has Auditorium & Seminar halls with LCD projectors, computers with internet facilities and public address system. These halls are utilized for Extra Curricular Activities such as Cultural program, College day, Cultural competition for Intercollege and Intra college competition. The Institution has High tech volley ball, basketball, football and cricket grounds. The indoor sports facilities include Chess, Carom, gymnasium, yoga centre and facilities for other indoor games. The college has tradition of conducting several intercollegiate Sports events. The college has well maintained lawn, garden, ramp, health care centre, first aid box, fire extinguishers, Sanitary napkin vending machine, Temple. The campus also has generator, RO Water purifier, CCTV Surveillance, Canteen provides hygiene food. The college has Hostel facility for both Boys and Girls. The Entrepreneurship development cell, Research

& Innovation cell, Placement cell provides consistent support and motivations to the students for their self-development. Laboratories in all the departments comprise equipment's/ Machines as per Anna University norms and beyond. Every year around 100 latest configuration computing equipment are purchased. 40 laboratories and around 1000 computing equipment's. Every year around 100 latest configuration computing equipment are purchased.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://smit.edu.in/engineering/AOAR/2020-21/ICT/SPORTS/20230418_31814PMBByGPSMapCamera.jpg

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

81

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_4/20240319_134727.jpg
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)

26.31

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)

a. LIBRARY IS AUTOMATED USING INTEGRATED LIBRARY MANAGEMENT SYSTEM (ILMS)

The library is automated with Autolib(Library Automation Software)(version 1.5), which allows users to easily perform transactions and borrow books using bar-coded cards

The library software has contained below modules:

1. Circulation: This module facilitates enrollments, transactions, late fees, and notifications. It also includes maintenance tasks such as binding, lost, replaced, disappeared and removed.
2. Catalogue: The main function of this module is to search for information such as corpus, subject name, and series name.
3. Barcode/RFID Tagging Generator: Barcodes and RFID (radio frequency identification) are all systems for conveying large amounts of data in a small format. It offer speed, labor savings and cost savings, among other benefits.
4. On-line Public Access Catalogue (OPAC): This module has simple and advanced search facility with minimum information of documents available in database by author, title, corporate body, conference name, subject headings, keywords, class number, series name, accession number of any of two or more information.
5. Serial control: Managing Serials is most complicated job for a library. This module keeps track of serials in the library are effectively and efficiently.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://smit.edu.in/engineering/AQAR/2020-21/criteria_4/lib/IMG-20240319-WA0017.jpg

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

D. Any 1 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)

10.5

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

80

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

Sri Muthukumaran Institute of Technology offers 11 UG Courses in Engineering and Technology, Six PG Courses in Engineering and also offers MBA and MCA. SMIT has a well-equipped IT infrastructure with internet speed of 150 Mbps 1:1 Broad Band from Airtel internet service provider over 24X7.

Internet can be accessed from more than 450 desktop computers through LAN and WiFi. The IT Centre of SMIT supports campus wide fiber optic network and wireless networks with high quality routers, hub, Intercom, switches that connects all the academic Departments, Library, Placement Cell and Exam cell of the College. The IT Centre provides System Administration and Technical support which includes software installation, network monitoring (both wired & wireless), internet connection and etc. SMIT have totally six servers including two number of HP Server-Proliant 8GB RAM/2TB SATA.

SMIT has totally 720 computers with high configuration. SMIT also has smart boards, LCD Projectors for smooth conduction of Seminar, Faculty Development Programs, Conference and etc. We also use open-source operating systems such as Ubuntu and open-source software. Wi-Fi is provided for all the department and it is upgraded often. Firewall and Anti-virus software is installed to ensure better security.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://smit.edu.in/engineering/AOAR/2021-22/criteria 4/IT infrastructure 21-22.docx

4.3.2 - Number of Computers

720

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

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

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

505.16

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

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

The Institution has earmarked 60 classrooms, 12 Tutorial halls, 9 seminar halls, The class rooms are provided space as per AICTE norms, adequately ventilated and fitted with modern furniture and safe electrical equipment's. Around 82% of the class rooms and seminar halls are equipped with ICT facilities.

Smart class rooms are equipped with Smart boards, LCD projectors, Computer with internet connection, required furniture, and Air conditioners. The classrooms of respective departments consist of essential provisions to enable the use of LCD Projector and Laptop/Computer for Teaching-Learning process. Laboratories in all the departments comprise equipment's/ Machines as per Anna University norms and beyond. Every year around 100 latest configuration computing equipment are purchased. 40 laboratories and around 1000 computing equipment's. Every year around 100 latest configuration computing equipment are purchased. The Institution has High tech volley ball, basketball, football and cricket grounds. The indoor sports facilities include Chess, Carom, gymnasium, yoga centre and facilities for other indoor games. The college has tradition of conducting several intercollegiate Sports events (Zonal Match). The central library has a collection of 49,061 volumes, 10996 titles, 3374 CD ROM's, 80 National journals, 80 International Journals, rare books, manuscripts, special reports and is automated using AUTOLIB software. Apart from the textbooks, GATE, GMAT, GRE, TOEFL Exams books are also available to prepare competitive exams for their students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_4/20240319_134727.jpg

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

787

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

787

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://smit.edu.in/engineering/AQAR/2021-22/criteria_5/AQAR-5.1.3.pdf
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

335

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

335

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

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	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**

56

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

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

5.2.2.1 - Number of outgoing student progression to higher education

9

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

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

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

3

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

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

13

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)

An active Student Council serves as the heartbeat of student life within the institution, pulsating with energy, enthusiasm, and advocacy. Its presence is not merely symbolic but transformative, as it champions the interests and aspirations of the student body while forging meaningful connections with the administration.

At the core of its mission lies the crucial task of ensuring student representation on academic and administrative bodies. Through this representation, students become integral stakeholders in the decision-making processes that shape their educational journey. Whether it's influencing curriculum development, refining campus policies, or enhancing student services, their voices resonate powerfully through the corridors of governance.

This symbiotic relationship between the Student Council and institutional bodies cultivates a culture of collaboration, transparency, and empowerment. It's not just about having a

seat at the table but actively shaping its discussions and outcomes. By bridging the gap between students and decision-makers, the Student Council becomes a catalyst for positive change, fostering a dynamic learning environment where every student feels valued, heard, and supported.

In essence, the presence of an active Student Council and robust student representation on academic and administrative bodies is not just a checkbox on the institutional checklist; it's the vibrant heartbeat that propels the institution towards excellence, inclusivity, and student-centricity.

File Description	Documents
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_5/5.3.2writeup2021-2022.docx
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

79

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

Alumni are the key persons who promote the rate of Institution advancement appreciably by their loyal support, spirit of

contribution in terms of financial as well as academic support. Alumni act as a bridge between the Institute and industries for interaction on new developments in different disciplines of Engineering, Management and Computer Applications. Alumni serve as role models for the current students. Alumni are often in the position to engage the expertise of the Institution in their professional career.

Focusing the above as objectives, our Institution has taken initiatives to register an Alumni Association in the name Sri Muthukumaran Institute of Technology Alumni Association (SMITAA) under Tamilnadu Society Registration Act 1975 with the following details:

Established in 18th July 2018

Alumni Association Registration Number: 318/2018

The main purpose of alumni association is to support a network, cultivate partnerships and enhance the impact of the college alumni community globally. After evaluating the needs Alumni is segmented into appropriate groups for better engagement. Facilitating mentorship, placements and professional collaborations with current students. They also play a significant role in contributing scholarships to deserving students. Alumni get in touch with students share their expertise and best practices in a given field.

File Description	Documents
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_5/5.4.1_alumni_2021-2022.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs) **D. 1 Lakhs - 3Lakhs**

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 emerge as a Premier Institute of supreme standards imparting professional education and research with high ethical values towards meeting global challenges

Mission

- Generating abundant resources and providing holistic academic ambience that supports intellectual growth and skill acquisition to achieve supreme standards in professional Education.
- Promoting collaborative multidisciplinary innovative research Programs in synergy with global Challenges to achieve supreme standards in research.

Imparting value based Education and instilling high ethical values to dedicate

The alumni association, staff, management, principal, IQAC members, and numerous committees collaborate to establish and execute goals within the governance framework. Heads of Departments (HODs) oversee the allocation of subjects to instructors and the creation of schedules based on workload considerations. Both staff and students are encouraged to offer suggestions for school improvement, many of which are implemented and regularly assessed for effectiveness.

Staff meetings foster open democratic discussions aimed at promoting institutional advancement. Staff members also serve as counselors and coordinators to engage students in various initiatives. Management actively participates in events, provides financial support, and oversees their execution. The college maintains strong ties with all local government agencies, including police and district administrations, government and private hospitals, forest departments, and religious institutions. Additionally, the college collaborates with various non-governmental organizations (NGOs) and clubs like Rotary and Lions.

File Description	Documents
Paste link for additional information	https://smit.edu.in/engineering/AOAR/2021-22/criteria 6/6.1.1 vision, mission(21-22).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 Governing Body (GB) holds the highest authority for developing and approving the institution's strategic plans. It comprises members from the Board of Management, the Chief Executive Officer, UGC nominees, State Government nominees, Affiliating University nominees, educators, senior faculty, and the principal, who serves as the ex-officio member secretary.

Before implementation, policies and decisions regarding co-curricular and extracurricular activities, research and development, and academics made by the Academic Council (AC) must be ratified by the Governing Body (GB).

Once accepted by the AC and GB, the Principal leads the implementation of impactful techniques and policies. In their role as team leader, the Principal delegates administrative responsibilities to Deans, Heads of Departments (HoDs), Convenors, and Coordinators to oversee and manage daily operations.

Decentralization

The institution's IQAC and Statutory Committees are dedicated to enhancing quality standards. At the start of each academic year, faculty members convene to discuss operational matters. Committees are formed with specific roles and are accountable to both the Principal and IQAC. Feedback from stakeholders guides future improvements. Department Heads oversee daily operations, while the Principal handles administrative and academic responsibilities. Faculty members actively participate in various committees. The Principal ensures the implementation of mentorship across all areas, while the IQAC monitors

activities closely.

Participative management

Participative management entails involving employees in decision-making processes, fostering a sense of ownership and commitment among them. This approach boosts employee motivation and satisfaction while enhancing organizational performance through the exchange of knowledge and ideas.

File Description	Documents
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_6/6.1.2_governance_&_leadership(21-22).pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Deployment of institutional Strategic/ perspective/development plan

Achievement of student progression is evidenced through student's placement in their core companies. Every year around 20% of the students opt for higher education by clearing competitive examinations like GATE, TOFEL, GRE etc., They also get selected in other State/National level services Examinations. With an objective of nurturing leadership qualities and participatory spirit among students, an active Student Council is functioning in the college. Students are given opportunity to contribute towards Institution building by allocating active student roles in all the academic/ administrative bodies/ committees of the Institution. The college organizes several cultural and sports meet in the Zonal/ State/ National level.

Strategic Plan

The Institution is accredited by two times National Board of Accreditation (NBA) during the years 2005-2008 & 2008-2011. The

Institute has got recognition from UGC under 2(f) and 12(B) scheme in the year 2017. The Institution is accredited by National Assessment and Accreditation Council (NAAC) with B+ grade in the year 2018 and participated in the National Institute of Ranking Framework (NIRF) process since 2018. Our college has also participated in the All India Survey on Higher Education (AISHE) from 2011 onwards. Personality Development Program for students, Faculty Development Program (FDP), research and consultancy projects are planned and executed to achieve the goal as recommended by IQAC.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_6/6.2.1_(2021-22).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.

Administrative setup

Principal and Vice Principal is monitoring the administrative and academic activities of the Institution. Head of the Departments take the responsibility of handling above activities of their respective department. They are entitled to take decisions as per the needs of the situations in exigencies and get them ratified by the Head of the Institution subsequently at a later stage. The funds will be sanctioned by the Head of the Institution for the multiple events planned in the academic year. The respective HoDs will play the lead role in the smooth conduction of all the events by forming an effective team pertaining to curricular, co-curricular and extra - curricular events.

Appointment and Service Rules

Recruitment of teaching, non-teaching and administrative staff is planned at the end of every academic year as per the requirements of the next academic year. The Head of the

department assesses the need for additional faculty based on workload calculation and specialization requirement. With respect to the requirement, the Principal and Vice principal will discuss with HoDs. Based on the discussion, the advertisement for the faculty and other staff members recruitment will be published in the public social medias with vacancies and the required basic qualification details.

File Description	Documents
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_6/6.2.1_(2021-22).pdf
Link to Organogram of the institution webpage	https://smit.edu.in/engineering/AQAR/2021-22/criteria_6/6.2.2_organisation(21-22).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

D. Any 1 of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Both teaching and non-teaching staff at the college benefit from a range of welfare schemes.

The administration provides financial assistance to facilitate faculty members' participation in training sessions, Faculty Development Programs (FDPs), conferences, seminars, and workshops.

Fee reductions are available for children of staff members

Eligible faculty members can utilize subsidized transportation amenities, boarding, and staying accommodations.

The management ensures that benefits such as the Provident Fund (PF) and Employee State Insurance (ESI) are provided to the employees.

Affordable hostel and mess facilities are provided.

Sponsorships are available for publications

Transport services are offered to both teaching and non-teaching staff members.

Research incentives

Paid leave on-duty

Statutory and medical leave are provided for both teaching and non-teaching staff members.

Maternity Leave for Eligible Members of Faculty

Support for academic

Sponsorship is available for Ph.D. programs and for non-teaching paid on-duty permitted to pursue their UG/PG degree

Skill development and Faculty Development Programs (FDPs) for effective teaching and learning are provided.

Eligible faculty members are granted summer and winter vacations.

The library subscribes to journals and magazines to support research activities.

General Welfare Measures

Canteen facilities are accessible during regular and extended working hours.

The Women Empowerment Cell ensures the well-being of female faculty members.

Wi-Fi services are provided for all staff members.

File Description	Documents
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_6/6.3.1-WelfareofTeaching&NonTeaching-Staff.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

42

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

184

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

29

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

6.3.5 - System for Evaluating the Performance of Teaching Staff: Faculty members are obligated to fulfill a comprehensive self-evaluation form that covers a wide range of topics,

including academic curricular engagements, administrative responsibilities, participation in activities at the collegiate level, membership in professional organizations, program participation, program completion, research undertakings. In light of the evaluation, determinations will be rendered in accordance with impartial assessments. System for Evaluating the Performance of Non-Teaching staff: The assessment of non-teaching staff includes laboratory activities, departmental contributions, successful completion of skill development courses, and adherence to discipline standards, among other factors.

The performance appraisal system comprises the subsequent fundamental components:

Teaching Staff

The teaching staff is provided with comprehensive explanations of the performance appraisal system in advance.

Teaching staffs are obligated to submit their Appraisal form (AF) at the end of the academic year.

The promotion-eligible faculty members are chosen on the basis of their AF score and are then expected to appear before the screening-and-selection committee.

The assessment of staff members' AF scores is conducted by the principal and their respective heads of department (HOD).

Non-Teaching Staff:

The appraisal of non-teaching staff is based on the following parameters:

Personal interaction conducted by the principal with library and office staff.

Following evaluation of all parameters, remarks are provided by the principal.

File Description	Documents
Paste link for additional information	https://smit.edu.in/engineering/AOAR/2021-22/criteria_6/6.3.5-perf.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

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. Our Institution conducts internal and external financial audits to ensure the fiscal integrity and transparency of financial operations. Internal Financial Audits: To Ensure adherence to internal policies, regulatory requirements, and relevant accounting standards internal audit is conducted at regular intervals to assess the efficiency and effectiveness of financial processes, including budgeting, procurement, and expenditure of the Institution. Every transaction bill will be verified by the Principal and Administrative officer and so that the transactions are accurate and transparent and misuse of funds will be avoided. External Financial Audits: External auditors appointed by the management verifies the accuracy and fairness of the institution & financial statements. All the funds received will be reviewed in the audit and if there is any objections they will raise and the internal audit team will thoroughly reviewed and finalized by the Principal. Regular meetings between audit teams and management facilitate the resolution of objections within stipulated timeframes. Continuous improvement strategies are employed to address underlying issues identified during audits, ensuring that the institution upholds the highest standards of financial integrity and accountability.

File Description	Documents
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_6/6.4.1_21-22.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)

30000

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

Institute maintains follows a well-planned process for the mobilization of funds and resource. The process involves various committees of the institute as well as the Department Heads and Accounts office. Institute has designed some specific rules for the fund usage and resource utilization. ? Mobilization of Funds, the student Tuition fee is the major source of income for the institute. ? Various government and non-government agencies sponsor events like seminars and workshops. ? Alumni contribute to the institute by raising funds to purchase items like water coolers, wall clocks, etc. Utilization of Funds ? A finance committee has been constituted to monitor the optimum utilization of funds for various recurring and non-recurring expenses ? The purchase committee seeks quotations from vendors for the purchase of equipment, computers, books, etc. ? The Principal, finance and purchase committees along with the accounts department ensure that the expenditure lies within the allotted budget. The intervention of the management is sought in case the expenditure exceeds the

budget.

Resource Mobilization Policy and Procedure ? Before the financial year begins, Principal and Heads of Departments prepare the college budget. ? The institutional budget includes recurring expenses such as salary, electricity and internet charges, stationary & other maintenance costs. ? The budget is scrutinized and approved by the top management and Governing Council.

File Description	Documents
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_6/6.4.3(21-22)MOB.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

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes The IQAC has played a pivotal role in institutionalizing quality assurance strategies and processes. Participation in NIRF ranking: Participation in surveys and rankings conducted by NIRF and other reputable private publications is led by the IQAC. The organization distributes the criteria for these evaluations to every department, encouraging them to proactively engage in endeavors that improve quality and accumulate points in accordance with these criteria. CO-PO Attainment Process: The course outcomes (COs) are carefully established in accordance with the program outcomes (POs) and are easily obtainable through the syllabus. The mapping of course outcomes to program outcomes is conducted by the faculty members for each individual course, utilizing an articulation framework that is applied to all courses and programs.

File Description	Documents
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_6/6.5.1_PEOs_AND_POs-2021.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

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 Internal Quality Assurance Cell (IQAC) implements a methodical procedure to conduct routine evaluations of the Teaching-Learning process. The Calendar Validation Committee supervises and evaluates the Academic Calendar, which records meticulously scheduled academic activities. In addition to financial audits, periodic academic and administrative audits are performed to ensure efficient monitoring and evaluation. The IQAC evaluates the teaching-learning process on a regular basis and proactively implements quality improvement measures. The Academic Calendar, which is comprehensively organized and widely circulated within the Institute, is rigorously followed. Upon enrollment, students are obligated to participate in the Orientation Program. This program serves to familiarize them with the Institute's guiding principles, unique educational methodology, assessment procedures, fundamental courses, extracurricular activities, disciplinary regulations, and campus infrastructure via a guided tour.

Every student is provided with a Student Record that includes essential details. Additionally, schedules, program structures, and course syllabi are disseminated in a punctual manner prior to the start of the semester.

The Principal, in collaboration with department heads and individual faculty members, participates in comprehensive analysis and feedback sessions. This process facilitates the implementation of IQAC recommendations, which enable well-informed decisions and adjustments. As a result, the teaching-learning methodologies are consistently assessed and improved.

File Description	Documents
Paste link for additional information	https://smit.edu.in/engineering/AQAR/2021-22/IQAC-REPORT(21-22).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)

D. Any 1 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://smit.edu.in/engineering/AQAR/2020-21/criteria_6/ANNUAL_REPORT(21-22).docx
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

Gender-equitable education system empowers both girls and boys to develop the skills for life that young people need to succeed.

Our organization established a Women empowerment cell, where all the students are encouraged to participate all the events.

Analyzed personal attitudes toward issues of sexual harassment, Drug awareness programs to both Girls and Boys were conducted through seminar and workshop.

We do have a Counselor, who can be easily accessible to help the girl student's personal problems also. The students can share their issues with them without any hesitation and they will be protected from any kind of harassment inside or outside of the campus. This will be much helpful for the students to share their issues and get some relief. If any additional supports required to them, it will be provided by the institution. So, we are making sure that the students live in a safe and secure environment.

The ICC(Internal complaintscommittee) has taken several measures to enhance safety & security on campus. By constituting Internal ComplaintsCommittee (ICC), We provide security guards available on the premises of the Institute to ensure the safety of women.

File Description	Documents
Annual gender sensitization action plan	https://smit.edu.in/engineering/AQAR/2021-22/criteria_7/Action_plan.pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_7/GEOTAGGED_PHOTO_02.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

B. Any 3 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

Decomposable solid wastes are collected in organic bins and non decomposable solid wastes are collected in inorganic bins for the easier disposal of the campus wastes without creating any environmental pollution.

Bins are available in every class rooms and common area where the wastes are frequently generated. The house keeping staffs empty the bins regularly on time basis. Inorganic wastes are carried away by municipality solid waste vehicle.

Since water is the basic necessity of life and is used for many purposes, recycling of water is necessary to reach the highest demand of water in future. Considering this in mind, Muthukumaran College have established a Sewage treatment plant within the campus premises.

The treated water is utilized properly for watering the plants throughout the campus. Waste water treatment plant is maintained inside the campus for recycling wastewater which are used in dewatering the plants inside the campus.

Disposal of wastes generated due to E-Waste is becoming a serious problem and to tackle this situation the college has signed a memorandum of understanding with E-Waste recycling company and the institution.

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

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

B. Any 3 of the above

campus	
File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File
7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: <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 	B. Any 3 of the above
File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File
7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution	
7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	A. Any 4 or all of the above

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

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

B. Any 3 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).

Institutions across various sectors, including education, government, and corporate entities, have recognized the importance of fostering an inclusive environment that promotes tolerance, harmony, and respect for diversity. These efforts

aim to create spaces where individuals from different cultural, regional, linguistic, communal, and socioeconomic backgrounds feel valued and respected. Sensitizing students and employees to constitutional obligations, values, rights, duties, and responsibilities of citizens is a crucial aspect of these initiatives.

One of the primary institutional efforts in this regard involves implementing diversity and inclusion policies and practices. These policies outline the institution's commitment to creating an environment that embraces diversity and prohibits discrimination based on factors such as race, ethnicity, religion, gender, sexual orientation, disability, or socioeconomic status. Institutions establish diversity committees or task forces responsible for developing and implementing strategies to promote inclusivity and address any issues related to discrimination or bias.

Sri Muthukumaran Institute of Technology provides an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socio-economic and other diversities. Different sports and cultural activities organized inside the college promote harmony towards each other. Therefore, all through the year, our college witnesses a variety of festivals and occasions.

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

Colleges play a crucial role in shaping young minds and instilling a sense of civic duty. To promote constitutional obligations, including values, rights, duties, and responsibilities of citizens, colleges organize various activities. These activities not only educate students about their constitutional rights but also encourage them to fulfill their duties as responsible citizens. Colleges often organize workshops and seminars on constitutional rights and duties.

Debates and discussions are effective ways to engage students in conversations about constitutional obligations. Colleges organize debates on contemporary issues related to constitutional rights, such as freedom of speech, right to education, and gender equality. These activities encourage students to think critically and express their opinions on important constitutional matters.

Colleges often collaborate with legal aid organizations to conduct legal awareness programs for students. These programs educate students about their legal rights and the importance of upholding the rule of law. Students are also informed about the legal remedies available to them in case of any violation of their rights.

Colleges encourage students to engage in social service activities to promote a sense of social responsibility. These activities help students understand their role in building a just and equitable society as enshrined in the constitution.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://smit.edu.in/engineering/AQAR/2021-22/criteria_7/7.1.9.pdf
Any other relevant information	https://smit.edu.in/engineering/AQAR/2021-22/criteria_7/7.1.9.pdf

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

As an academic institution, it believes in value education as the English proverb goes 'Knowledge comes but wisdom lingers', so the society by and large needs wisdom for grooming of healthy society. The life stories of our national heroes, their contribution in nation-building, their sacrifices and efforts for the creation of universal brotherhood, peace and tolerance etc. have always appealed the youths of the nation. Therefore, institution celebrates the events of national importance like Independence Day and Republic Day, Festivals like Diwali, Christmas, Ramzan Eid to maintain communal harmony. The institution also observes Gandhi Jayanti, Dr. Ambedkar Jayanti and celebrates 5th September, the Teachers Day as a Birth Anniversary of Dr. Sarvapalli Radhakrishnan.

For the academic year 2021-22, we have been celebrating these days from few decades. we have been celebrating the following days like World Environment Day, International Yoga Day, Constitution Day, National Mathematics Day, Independence Day, Republic Day, Wild life conservation week, Marathi Language Day, National Science Day, National Unity Day on the Birth Anniversary of Sardar Vallabhbhai Patel, Birth Anniversaries of Dr. APJ Abdul Kalam, Maharaj, Netaji Subhash Chandra Bose, Commemorate to Mahatma Gandhi and Dr. Ambedkar.

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.

Sri Muthukumaran Institute of Technology follows two best practices 2020-2021.

Best Practice-1

- Best Practice-2

1.Title of the Practice

'Protecting the academic interest of students.' during the pandemic.

Empowerment of local community by CSR Activities.

2.Objectives of the Practice

- Strengthening of Infrastructure by using ICT Tools
- Capacity Building of Teachers and evaluate Various Online Platforms.

•Empowering through technology and innovation

•Ensuring and promoting social well-being.

3.The Context

Strengthening of infrastructure by

a) Information Technology Equipment

b) Physical Infrastructure:

c) Digital infrastructure:

The NSS Unit has encouraged to download 'Arogya SetuApp' registered to iGOT health Module and distributed Face Masks, Sanitizers, etc

4.The Practice

The syllabi for all Semesters or concerned courses under SMIT are being taken up for completion through various online modes.

Meetings of all CRs of all years were conducted to understand the issues in conducting online lectures through virtual platforms.

5.Evidence of Success

SMIT is committed to the academic quality and actively adopting innovative methods.

Best practice

Numbers

Blood Donations camp

50

Distribution Facemasks, Sanitizers

500

Arogya Setu App

1324

Distribution of Medicine

1508

6. Problems Encountered and Resources Required

Sometimes network issues during online classes.

Hesitation from the village people to co-operate with NSS team.

File Description	Documents
Best practices in the Institutional website	https://smit.edu.in/engineering/AQAR/2020-21/criteria_7/7.2.1_Best_Practices_2020-21-.pdf
Any other relevant information	https://smit.edu.in/engineering/AQAR/2020-21/criteria_7/7.2.1_Best_Practices_2020-21-.pdf

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

Women Empowerment - Nurturing the potential of girl students to empower themselves : The Bedrock of SMIT creed.

The nurturing of girl students potential is one of the bedrock of The SMIT creed. Encouraging Girl students to pursue their higher education in Engineering and Management stream is one of the cornerstone of SMIT. The degree in engineering and management is one of the greatest weapon the girl students will be possessing to gain unique advantage in the competitive working world. Our institution nurtures the girl students to hone their skills in their respective domain as well as in overall holistic development by giving appropriate exposure to girl students in curricular, cocurricular and extension activities. This is done by various committees and through programs such as personality development program, carrier counseling program etc.

We not only concentrate on Cognition skill sets but also give thrust in Affective domain by providing various training programs in soft skill development and help them to develop mentally and emotionally strong and make them ready to face any kind of situation

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

- As the effect of pandemic was still persisting in academics, we rigorously plan lot of technical workshops, technical seminars, industrial visits for students to increase their self-confidence and morale and develop interest in their field of studies and increase their level of expertise.
- Girls Talent Development and Nurturing their skills is one of the important SMIT creeds, we continuously focus and work on their improvement and make them ready to face the world with confidence.
- We are planning to conduct a seminar to all the nearby School going children regarding the various schemes and scholarship available to them in Public and Private sector. This knowledge will stand them in good stead in various domain.
- As a tribute to defense personal, We are planning to give free education to wards of Defense and Military service jawans and ex-service men's children who sacrificed lot for our country.
- Next year we are planning to strengthen Industry - Institution interaction further and impart industry specific skills by bridging the gap and thereby improving student's employability opportunities.
- We are planning to hone student's entrepreneurial skills and encourage them to pursue their line of interest through entrepreneurial venture and make them a successful entrepreneur.