



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution		SIES GRADUATE SCHOOL OF TECHNOLOGY
• Name of the Head of the institution	Dr. K. Lakshmisudha	
• Designation	PRINCIPAL	
• Does the institution function from its own campus?	Yes	
• Phone no./Alternate phone no.	61082401	
• Mobile No:	9987512269	
• Registered e-mail	principalgst@sies.edu.in	
• Alternate e-mail	registrargst@sies.edu.in	
• Address	Plot No.1/C/D/E Srichandrasekarendra Saraswathy Vidyapuram	
• City/Town	Nerul, Navi Mumbai	
• State/UT	Maharashtra	
• Pin Code	400706	
2.Institutional status		
• Affiliated / Constitution Colleges	Affiliated College	
• Type of Institution	Co-education	
• Location	Urban	

• Financial Status	Self-financing				
• Name of the Affiliating University	University of Mumbai				
• Name of the IQAC Coordinator	Ms. Leena Ladge				
• Phone No.	61082441				
• Alternate phone No.	61082401				
• Mobile	9867801816				
• IQAC e-mail address	iqacgst@sies.edu.in				
• Alternate e-mail address	leenal@sies.edu.in				
3. Website address (Web link of the AQAR (Previous Academic Year))	https://siesgst.edu.in/topbar/aqar.php				
4. Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://siesgst.edu.in/academics/acad_cal.php				
5. Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	2.99	2018	18/08/2016	15/08/2023
Cycle 2	A+	3.28	2023	06/10/2023	05/10/2028
6. Date of Establishment of IQAC			21/04/2017		
7. Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr Pooja Singh, H&AS	Reliability Analysis of Safety Critical Systems using Artificial Intelligence	SCIENCE & ENGINEERING RESEARCH BOARD (SERB) Transition of SERB to A NRF (Anusandhan National Research Foundation)	2023-24	2591600
SIESGST	Unnat Bharat	Ministry of Education Government of India	2023-24	50000

8. Whether composition of IQAC as per latest NAAC guidelines	Yes		
<ul style="list-style-type: none"> Upload latest notification of formation of IQAC 	View File		
9. No. of IQAC meetings held during the year	4		
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes		
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded		
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No		
<ul style="list-style-type: none"> If yes, mention the amount 			

11. Significant contributions made by IQAC during the current year (maximum five bullets)
1. Received NAAC A+ grade in Cycle 2. 2. Three programmes Computer Engineering, Electronics & Telecommunication Engineering,

Information Technology have been NBA accredited for the Academic years 24-25 to 26-27. 3. Increase in intake for Computer Engineering from 120 to 180 and for Artificial Intelligence & Data Science from 60 to 120. 4. Pre Incubation Cell established. 5. Inclusion of Industry reviewer for all final year projects.

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
Each department to carry out at least one consultancy project with industry or one live project (College Level/SIES group institutions).	This objective was fulfilled by all the departments, but partially achieved by Computer Science Engineering..
Each faculty should publish at least one paper in reputed conferences/ Journals and at least 50% of the total number of faculty in each department, should submit research proposals.	This goal was achieved partially by all the departments.
IEEE International conference should be organized in every three years.	This objective is progressive as the international conference is approved by IEEE for June 2025 and now the preparations are in full swing.
Each department should get at least three MOUs with Industry/Educational Institutes and conduct collaborative activities.	All the departments except Mechanical, AI&ML, and CSE could achieve partially.

13. Whether the AQAR was placed before statutory body?

Yes

- Name of the statutory body

Name	Date of meeting(s)
College Development Committee	13/12/2024

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2022-23	15/02/2024

15. Multidisciplinary / interdisciplinary

Engineering applications are inherently multi/interdisciplinary in Nature. With advent in AI ,numerous societal applications could be provided with digital solutions. NEP-2020 promotes moving away from the conventional content-based and rote learning practice towards holistic learning. It instills a creative and multidisciplinary curriculum that focuses equally on other subjects such as humanities, sports, fitness, languages, culture, arts, etc. apart from Science, Mathematics and engineering etc. SIES GST is affiliated to University of Mumbai and follows guidelines issued by the University of Mumbai. The Nerul campus of SIES GST is consisting of Arts, Science and commerce college affiliated to university of Mumbai and Management institute which runs various Business management related post graduate courses affiliated to university of Mumbai. This provides the base for multidisciplinary/interdisciplinary courses in the various domains of Science and technology and Business management. These institutions could be in future part of teaching university as the NEP 2020 implementation progresses. During summer and winter vacation Institute offers various value added courses from the different domains of engineering which support multidisciplinary/interdisciplinary education. Students regularly participate in various competitions at state and national level which includes Hackathons which provides platform for solving real world problems which includes interdisciplinary domains of engineering.

16. Academic bank of credits (ABC):

Provisions of Academic Bank of Credit proposed in the draft of NEP-2020 to facilitate multiple entries and exit points in their academic programs. Mumbai University is in the process of developing a system for executing Academic Bank of Credits (ABC). As per the guidelines issued by the university, the institute will implement the ABC. Students across different disciplines of engineering enrolls for various MOOC courses on the national platform like SWAYAM, NPTEL, with ABC it will further help students to earn and deposit credits. The institute agrees in principle with the ABC.

17. Skill development:

With the Industrial revolution 4.0 next door, employers are on the lookout for talent that possesses domain expertise along with digital literacy and industry-relevant skills. NEP 2020 is an important step that will change the face of the Indian educational system. The importance of soft skills such as communication, team work, problem solving, decision making, analytical thinking, resiliency is well emphasized with the graduate attributes during the four years of under graduation. Students are motivated to participate in extracurricular activities and organizing events, on and off the campus, to explore a number of qualities in their personality like Managerial skills/Leadership skills, planning and enterprising skills, and interpersonal skills. The institute under its ISR activity is offering training to the needy and underprivileged youths through 9 different skill development programs which includes AC repair and maintenance, Computer operator, Mobile and Laptop repair, Web development, plumbing etc to name a few. Faculty members of the institute have done online certifications to improve their skills.

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

NEP 2020 further mentions, rightly, that India is a treasure trove of culture, developed over thousands of years and manifested in the form of arts, works of literature, customs, traditions, linguistic expressions, artifacts, heritage sites. Encouraging the education in Indian languages will benefit the student, to improve confidence in students from rural and tribal backgrounds. As a part of the NEP-2020 implementation, students are motivated to use SWAYAM platform for learning courses of engineering in regional languages. Competencies like cultural awareness and expression among the students are developed by motivating them to participate in cultural activities arranged at institute, University and State level. The institute organizes various annual and flagship events that gives impetus to the students to take part in a variety of cultural and scientific programmes.

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

Institute has formally adopted Outcome Based Education (OBE), which focuses on well defined syllabus with various levels of learning outcome, pedagogical strategies adopted, well defined learning and assessment processes. In line with institute vision, mission all programs have well defined Program Outcomes (PO), Program Educational outcomes (PEO) and Course Outcomes (CO) and it is well disseminated to all the stakeholders through institute website and prominent places in the departments. Through our well defines

rubrics for the various assessment strategies and activity based learning the students are assessed. Most of the faculty members have completed the AICTE FDP on examination reforms which discusses in detail about OBE and Assessment. SIES graduate school of Technology has adopted and matured in the implementation of OBE. Further SIES GST will also adhere to the guidelines provides by the affiliating university.

20.Distance education/online education:

SIES graduate school of Technology has always encouraged faculty members to develop MOOC courses in emerging domains using e-content creation tools like Canva,Gnomio etc.The courses are developed in all the four quadrant which includes e-content,e-tutorial,web resources and self assesment. For different courses students have registers and are evaluated for their learning. During the pandemic institute has also conducted various value added courses leading to internship in online mode. Use of simulation tools and virtual labs for better understanding of the concepts are regularly practiced in the teaching process. Faculties are encouraged to enroll and attended online webinars, workshops, STTP, FDP etc. The Institute is also registered as a SWAYAM-NPTEL Local Chapter. During the last couple of years, students and faculty of the institute have enrolled and completed various online courses offered by various MOOC platforms.

Extended Profile

1.Programme

1.1	492
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	2080
Number of students during the year	

File Description	Documents
Data Template	View File

2.2	294
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	411
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	View File
3.Academic	
3.1	98
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	104
Number of Sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	20
Total number of Classrooms and Seminar halls	
4.2	842.5589567
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	813
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

The South Indian Education Society's Graduate School of Technology affiliated with the University of Mumbai (UoM) takes adequate and timely measures to deliver an effective curriculum. A well-planned and documented process is in place and followed throughout the semester. As per the academic schedule given by the University, a well-structured academic calendar is prepared by the academic council. The academic calendar provides the date of commencement of the academic session, the schedule of internal assessments schedule, Parent Teacher meetings, mid-term and final submissions, practical/oral exams, preparation holidays, end-semester examinations. The Institute follows the syllabus prescribed by the UoM. Based on the syllabus and the student strength, the department heads calculate the workload every semester. A mentor-mentee scheme is also implemented to guide the students to strengthen their academics as well as co-curricular and extracurricular skills. The gap analysis is done by the course coordinator which could be a prerequisite gap, course gap, or program gap and discussed with the departmental advisory board members to conduct various activities like guest lectures, seminars, workshops, value-added courses, industrial visits, projects, and providing students with internships. Syllabus coverage is reviewed twice in a semester and preventive action is taken to complete 100% syllabus.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criterial/1.1.1/1.1.1.additional%20document.pdf

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

The South Indian Education Society's Graduate School of Technology affiliated with the University of Mumbai (UoM) takes adequate and timely measures to deliver an effective curriculum. A well-planned and documented process is in place and followed throughout the semester. As per the academic schedule given by the University, a

well-structured academic calendar is proposed by the principal of the institute and is approved by the academic council in the review meeting. The academic calendar provides the date of commencement of the academic session, the schedule of internal assessments schedule, Parent Teacher meetings, mid-term and final submissions, practical/oral exams, preparation holidays, end-semester examinations, etc. In addition to traditional classroom teaching, faculty members also use various ICT tools and active learning strategies. The process is also supplemented with an online learning management system to make it more effective. The academic performance of students is continuously evaluated in theory and practical sessions by conducting class tests, and internal tests during the semester. File submissions and other term-end activities are carried out as per the academic schedule and university guidelines.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criterial/1.1.2/1.1.2.additional%20document.pdf

1.1.3 - Teachers of the Institution participate in B. Any 3 of the above following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.
Academic council/BoS of Affiliating University
Setting of question papers for UG/PG programs
Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
Assessment /evaluation process of the affiliating University

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

10

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

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

19

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

791

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

791

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

SIESGST, affiliated with Mumbai University (UoM), adheres to its curriculum, incorporating courses that address Gender, Environment, Sustainability, Human Values, and Professional Ethics. All first-year engineering students undertake a compulsory Environmental Studies course in their first semester, focusing on environmental conservation, sustainability, and technological solutions for ecological challenges. Through case studies, students are sensitized to environmental issues and the importance of sustainability. A first-year induction program includes yoga sessions to highlight the value of physical health, alongside activities promoting holistic development. The compulsory Business Communication and Ethics course instills professional and ethical awareness in students across programs. Elective courses such as Disaster Management, Environmental Management, and Product Lifecycle Management educate students on preserving environmental quality and understanding sustainability. These courses emphasize the role of technology in addressing environmental concerns and prepare students to tackle adverse conditions effectively. Mechanical Engineering programs integrate topics on renewable energy sources, while all courses embed elements of professional ethics and human values. Students gain hands-on experience during professional internships, applying their knowledge in real-world settings and adopting professional etiquettes. Through project work, SIESGST encourages original technical innovation while reinforcing professional work ethics, ensuring students are equipped with both technical expertise and strong ethical foundations.

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

76

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

356

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

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File

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

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://siesgst.edu.in/feedback

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

576

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

71

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

SIESGST assesses and organizes special programs for advanced learners and slow learners.

Identification of slow learners:

Slow learners are identified through classroom and lab observations, poor test and assignment performance, limited participation, lack of interest, and delayed submissions. Assignments focusing on key topics and FAQs are provided to improve final exam performance. Practice sessions, blended teaching-learning techniques, and additional lectures for core engineering subjects are organized to aid understanding. Remedial classes at semester-end and consistent mentoring, including regular parent updates, ensure progress. For disinterested students, counselling sessions with mentors and professionals are arranged for motivation.

Identification of Bright Students:

Bright students exhibit active participation, effortless learning, and a keen interest in innovation and technology. They excel in tests, assignments, and projects. Challenging assignments, workshops on emerging technologies, and participation in competitions like Avishkar and Anveshna foster their skills. High performers are guided in technical paper writing and encouraged to present at reputed conferences. Internships during vacations enhance collaborative skills. Socially responsible projects are encouraged to inspire broader societal contributions.

Dedicated sessions for GATE preparation, higher studies guidance, and targeted entrance exam preparatory classes further equip bright students for academic and professional excellence. These initiatives holistically support students' growth and development.

File Description	Documents
Link for additional Information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria2/Part B/2.2/2.2.1-Student diversity-Fast and slow learners-scanned.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
2080	98

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 SIESGST, we conduct various student-centric activities to enhance teaching and learning through experiential learning, participative learning, and problem-solving methodologies.

Experiential Learning:

Experiential learning focuses on hands-on experiences through projects, internships, seminars, workshops, and industrial visits. For example, the Computer Engineering Department organized an industrial visit to the Meteorological Department, and AIDS, AIML, and IT departments hosted topic-specific seminars. The EXTC department guided second-year students in subject-aligned mini-projects, ensuring technical skill enhancement.

Participative Learning:

Participative learning involves collaborative methods like Think-Pair-Share, Flipped Classrooms, Peer Instruction, and Group Discussions. For instance, Think-Pair-Share was used in DWM (CE, Semester VI) and ADSA (IT, Semester V), while Flipped Classrooms were adopted in CN (CE, Semester V) and NT (EXTC, Semester III). Quizzes in ADBM (CE, Semester V) and AOA (AIDS, Semester IV) further engaged students.

Problem-Based Learning:

Problem-based learning allows students to tackle real-world challenges through design problems and case studies. Examples include Blockchain (CE, Semester VII) and ITC (ECS, Semester V) case studies, as well as problem-solving tasks in Data Structures (ECS, Semester III).

These student-centric activities and innovative teaching practices earned SIES GST the prestigious "Best Engineering College in Maharashtra for Teaching and Course Curriculum 2023" award by CEGR.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria2/Part_B/2.3/2.3.1-Teaching_learning-23-24-scanned.pdf

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

We at SIES GST conduct various teaching and learning activities using ICT (Information and Communication Technology) tools to enhance the educational experience and prepare students for the dynamic engineering landscape. ICT tools play a pivotal role in making learning interactive, engaging, and efficient, bridging the gap between theoretical concepts and practical applications.

Our classrooms are equipped with projectors to facilitate multimedia-based teaching, enabling instructors to use animations, videos, and simulations for better conceptual clarity. Platforms like Microsoft Teams and Google Classroom are employed for sharing lecture materials, assignments, and conducting quizzes, fostering an interactive learning environment.

To encourage participative learning, tools such as Kahoot and Mentimeter are used for quizzes and polls, making sessions more engaging. Coding platform like CodeChef is integrated into programming courses to develop problem-solving skills. Additionally, virtual labs and software like MATLAB and AutoCAD help students gain hands-on experience in technical subjects.

Faculty members utilize video conferencing tools like MS Teams for online classes, webinars, and workshops, ensuring uninterrupted learning. These tools also facilitate collaborative projects and group discussions, preparing students for industry requirements. Through ICT-enabled education, SIESGST aims to create tech-savvy engineers equipped with essential skills for a globalized world.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria2/PartB/2.3/2.3.2-ICT-23-24-scanned.pdf

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

2.3.3.1 - Number of mentors

97

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

98

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

27

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

713

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.

Mechanism of maintaining transparency in internal/external assessments:

Internal assessments, as per the University of Mumbai's syllabus scheme, are separate heads of passing. These are planned in line with the academic calendar and communicated to students and faculty at the semester's start. Two internal tests of 20 marks each are conducted, and the average contributes 20% to the total weightage in each theory subject, alongside an 80-mark end-semester exam.

The first test is held within 45 days of the college reopening, covering 40% of the syllabus, while the second test follows after the next 40% is covered. Internal Quality Committees monitor assessments to ensure alignment with learning outcomes and inclusion of questions at various Bloom's taxonomy levels.

The solution and question-wise marking scheme are prepared and

shared with students post-exam to ensure transparency and uniformity. External paper assessment for second- and third-year students is conducted by internal faculty and moderated by external faculty, while the university manages first- and final-year assessments.

This structured approach ensures assessments are aligned with academic objectives, meet quality standards, and maintain fairness in evaluation.

File Description	Documents
Any additional information	View File
Link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria2/PartB/2.5/2.5.1and2.5.2-23-24-scanned.pdf

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

Mechanism of grievance redressal system:

SIESGST ensures a transparent, time-bound, and efficient grievance redressal mechanism for internal and external examinations.

Internal Assessments Various internal examinations, such as unit tests, assignments, lab continuous evaluations, and project evaluations, are conducted throughout the semester. Faculty evaluates test papers within a week and discusses grievances with students after showing the evaluated sheets. Lab submissions are managed via LMS platforms like Microsoft Teams, with marks shared immediately for transparency and feedback. Projects undergo two internal evaluations by a faculty panel each semester. Assignments are assessed using a predefined rubric shared with students to maintain fairness and clarity.

External Assessments For university-level grievances, students can request a photocopy or revaluation of their answer sheets if dissatisfied with their results. By obtaining a photocopy, students can review their performance and decide if revaluation is necessary. Revaluation involves a fresh assessment by external faculty, with

results announced as per university norms.

This structured approach ensures students can address their concerns efficiently while maintaining transparency, fairness, and adherence to timelines.

File Description	Documents
Any additional information	View File
Link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria2/PartB/2.5/2.5.1and2.5.2-23-24-scanned.pdf

2.6 - Student Performance and Learning Outcomes

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

Course Outcomes (COs): Course Outcomes define the knowledge and skills students gain by the end of a course. The University of Mumbai specifies COs, which faculty may modify to enhance delivery. COs are finalized with input from course coordinators, experts with over three years of experience. These outcomes are measurable, precise, and aligned with Bloom's Taxonomy. Faculty include COs in teaching plans, communicate them to students during the introductory lecture, and upload them to website at the semester's start.

Program Outcomes (POs) and Program Specific Outcomes (PSOs): The institute adheres to 12 POs, established by the National Board of Accreditation in 2015, to standardize undergraduate engineering education. POs and PSOs are disseminated through notice boards, brochures, faculty handbooks, laboratory manuals, course files, the website, and Parent-Teacher meetings. Faculty receive training in Outcome-Based Education (OBE) through workshops and seminars. Advisory board meetings with stakeholders help review POs, PSOs, and attainment levels, identifying gaps and initiating actions.

Program Educational Objectives (PEOs): PEOs are collaboratively defined for all undergraduate programs and displayed prominently on notice boards, in laboratories, and on the website. Faculty ensure

PEOs are achieved, maintaining quality teaching and learning. Ongoing evaluation and stakeholder feedback ensure continuous improvement in outcome attainment.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria2/Part B/2.6/2.6.1-awareness of CO-scanned.pdf
Upload COs for all courses (exemplars from Glossary)	View File

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

We at SIESGST, follow a systematic process of measuring attainment levels of Programme Outcomes (PO), Program Specific Outcomes (PSO), and Course Outcomes (COs). The steps followed are:

1. Formation of COs: Faculty members refer to the revised syllabus from the University of Mumbai to develop COs for each subject. These COs are mapped across all cognitive levels of Bloom's taxonomy.
2. Mapping COs to POs and PSOs: The created COs are mapped to the relevant POs and PSOs.
3. Continuous Assessment: Various assessment techniques (unit tests, assignments, class tests, lab experiments, project evaluations, etc.) are used throughout the semester. Assessment questions are mapped to specific COs, and student scores are recorded to calculate the CO attainment levels.
4. Setting Target Attainment Levels: Target levels for each course are set based on previous results, typically using the average of the past three years' results. These targets are used to assess the current semester's performance.
5. Calculation of CO Attainment Levels: At the end of the semester, CO attainment levels are calculated using the assessment results.
6. Calculation of PO and PSO Attainment Levels: The CO attainment levels are aggregated to calculate the overall attainment levels for each PO and PSO.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria2/Part_B/2.6/2.6.2-process-co-po-attainment.pdf

2.6.3 - Pass percentage of Students during the year

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

411

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://siesgst.edu.in/docs/AQAR-2023-24/Criteria2/Part_B/2.6/2.6.3.2-annual-report-23-24-scanned.pdf

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

https://siesgst.edu.in/docs/AQAR-2023-24/Criteria2/Part_B/2.7/STUDENT SATISFACTION SURVEY.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

25.916

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

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

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

1

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://serb.gov.in/

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

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

30

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

3.2 - Research Publications and Awards

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

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

30

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

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

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

52

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

3.3 - Extension Activities

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

The National Service Scheme (NSS) at SIES Graduate School of Technology organizes impactful activities promoting social responsibility, patriotism, and community welfare. Key events include celebrations of Dr. B.R. Ambedkar Jayanti, Independence Day, and Republic Day, with skits on themes like Azadi Ka Amrut Mahotsav, Anti-Ragging, and Organ Donation.

Health initiatives included International Yoga Day, a Two-Day Yoga Workshop, and seminars on Drug Addiction Awareness and POSH Act. The Blood Donation Drive, collecting 266 units, and fruit donations on Gandhi Jayanti emphasized compassion.

Environmental efforts were showcased through tree plantations at

Seawoods, cleanliness drives at Dadar Beach and Swachata Park, and compost pit activities. The NSS also performed street plays on topics such as the Ban on Single-Use Plastics and Cybercrime.

The institute received INR 50,000 for the Unnat Bharat Abhiyan and conducted surveys in 5 adopted villages. Other activities included rallies like the Anti-Drug Rally, STEM workshops, and a 7-Day NSS Special Camp focusing on rural development. Awareness programs on road safety, women empowerment, and gender sensitization further promoted societal progress.

These initiatives reflect the NSS's mission to contribute to the nation while fostering holistic student development.

File Description	Documents
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria3/3.3/3.3/3.3.1%20additional%20information.pdf
Upload any additional information	View File

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

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

7

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

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

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

47

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

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

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

2580

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

3.4 - Collaboration

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

86

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

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

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

17

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.

SIES GST fosters effective teaching and learning through a blend of traditional classroom instruction and hands-on training in state-of-the-art laboratories. The Institute meets AICTE standards with its well-maintained infrastructure. The campus spans 24,795.64 sq. m., with a constructed area of 15,113.82 sq. m.

To ensure safety and security, the entire campus is monitored via CCTV surveillance. The facilities include lecture halls, tutorial rooms, drawing halls, seminar halls, well-equipped laboratories, a library, a TPO office, a first-aid room, a counselling centre, administrative office, an exam cell, assessment rooms, workshops, an auditorium, a multimedia lab, a photocopy centre, canteen, a gymkhana, an open amphitheatre and various departmental facilities like HOD rooms, faculty rooms, BCR, GCR, and storage rooms.

Each department has modern laboratories featuring advanced software and hardware, with an overall investment of more than ₹10 crores. Notable equipment includes NI LabVIEW, vibrometers, CNC lathes, microwave benches, blown-film extrusion machines, offset printing machines, and injection and blow molding machines. The Institute also boasts a central computing facility covering 154 sq. m., providing internet access and audio-visual tools for both students and faculties.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria4/4.1/4.1.1_additional%20info.pdf

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

The Institution is well-equipped with facilities to support cultural activities, sports, indoor and outdoor games, as well as a gymnasium.

The student council at SIES GST is highly organized, with two dedicated sports secretaries responsible for managing sports events. A faculty sports coordinator collaborates with student members to plan activities without disrupting academics. While indoor sports facilities are available on campus, outdoor games are organized in partnership with local municipal bodies or nearby gymkhanas.

SIES GST also offers an on-campus gymnasium, accessible to faculty and students after lecture hours, along with a dedicated space for yoga and meditation to promote physical and mental well-being.

The student council also plays a vital role in organizing a variety of cultural events, including first-year orientation, farewells, Teachers' Day celebrations, national festivals, annual festivals, open-mic sessions, music charity concerts, funfairs, and year-end celebrations. The Institute supports students' personal growth through dedicated clubs that nurture their talents. Additionally, the college features an open-air lawn and amphitheatre for the creation of a supportive atmosphere and facilities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria4/4.1/4.1.2_additional%20info.pdf

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

20

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

20

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria4/4.1.3/
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)**

119.77458

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

4.2 - Library as a Learning Resource**4.2.1 - Library is automated using Integrated Library Management System (ILMS)**

The college library is a key resource center supporting academic and research activities by providing print and electronic resources such as textbooks, reference books, and materials for competitive exams. It uses Koha (23.11.05), an Integrated Library System (ILS), to automate library functions like acquisition, cataloging, circulation, and reporting. Koha's features include MARC compatibility, barcode generation, and multi-branch support.

The library offers Online Public Access Catalogue (OPAC), accessible via mobile, which allows users to search for books and track availability. Additional services include NPTEL video lectures, photocopying, Wi-Fi access, and membership in DELNET and NDL, providing access to thousands of e-books and journals.

eAarjav Plagiarism detection software helps us to ensure the originality in academic content and maintaining academic integrity and supporting the library's mission.

Each year, the library conducts an Orientation Program for first-year students to familiarize them with library resources and services, ensuring they can efficiently navigate the library and utilize its offerings.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria4/4.2/4.2.1%20Add_information.pdf

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources **A. Any 4 or more of the above**

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

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

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

18.32404

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

145.81

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

4.3 - IT Infrastructure

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

The institute places significant emphasis on upgrading its IT infrastructure to enhance academic and administrative efficiency,

Institute offers a robust internet connection with total 300 Mbps with breakup as 200 Mbps primary bandwidth provided by TATA (renewed in 2020) and a 100 Mbps backup line by JIO with upgradation of 55 Mbps in April 2024. Total 328 new computers are included in 2023-24.

- A well-equipped media lab is available.
- For network security, the institute employs the Sophos-XG 330 firewall, with its license renewed every three years.
- A wide range of licensed software, including Solid Works, Netslim, Sql, Autocad, Oracle, Ansys22 HFSS, Tense Buster and Campus Licenses (Microsoft windows, Office 0365, Bitdefender, Visual studio etc.) caters to academic needs. G suit and MS teams for online contents sharing is used by the faculty members.

- To maintain academic integrity, the institute uses library management software KOHA and E-Aarjav plagiarism detection software.
- For administrative purpose softwares for examcell and training and placement cell like Tally on Cloud, Khushi and Calyxpod.
- An efficient CCTV surveillance system with 123 cameras ensures campus safety.
- Annual maintenance services are available on an on-call basis.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria4/4.3/4.3.1_Ainfo%2023-24.pdf

4.3.2 - Number of Computers

813

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

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

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

4.4 - Maintenance of Campus Infrastructure

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

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

422.98096

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.

SIES GST maintains and utilizes its physical, academic, and support facilities through well-defined processes. Annual maintenance is overseen by respective departments, with lab assistants and attendants managing laboratories. External agencies maintain infrastructure and equipment, including lifts, fire systems, generators, UPS, air conditioners, water purifiers, photocopiers, and computer systems. A system administrator handles network equipment and CCTV systems, while an in-house electrician manages electrical repairs.

Minor repairs are managed by technical staff, while external maintenance is handled via vendor quotations finalized by the purchase team. Major civil works are decided by an estate committee. Cleaning, gardening, and security are managed through contracts with external agencies. The estate manager oversees water tank cleaning, and network systems are maintained by a dedicated team under the CIO.

Facility utilization is monitored by lab assistants under the system administrator. Departments maintain stock registers, conduct annual inspections, and report maintenance needs to the administrative office. Parking is well-organized, and campus safety is ensured through surveillance cameras and housekeeping services. This systematic approach ensures a clean, efficient, and orderly learning

environment.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria4/4.4/4.4.2_2023_2024.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

708

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 benefitted 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 benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

64

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://siesgst.edu.in/docs/AQAR-2023-24/Criteria5/5.1.3/5.1.3.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

1325

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

1325

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

5.1.5 - The Institution has a transparent

A. All of the above

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

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

179

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

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

5.2.2.1 - Number of outgoing student progression to higher education

35

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

50

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

5.3 - Student Participation and Activities

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

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

28

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)

Like every professional body, SIESGST has an active Student's Council (SC) whose members are elected yearly. The election process involves inviting applications from students for the various posts. Selection process: A selection committee decided by Principal consisting of the Student Council I/C and Senior Faculty members, conduct interviews for the selection of the Technical, Cultural, Sports Secretaries from the final year and the Ladies and NSS representatives from the third year. The core council then elects the General Secretary and the President. The SC forms teams for Marketing, PR, Logistics, Sponsorship generation, Social Media Management, Multimedia Editing and Photography based on the students' interests. The 50-member SC has representation from all the departments; together they act as a link between the students and management. Alumni representative was introduced to Improve Alumni interaction. UDGAM an ISR team was formed in 2018 to sensitize social issues among students. Clubs like music, dramatics, literary, robotics also work along with SC. The student members play a vital role in various Institute level committees like the WDC, anti-ragging, IQAC, CDC and ISR. Involvement of the students in various administrative bodies has improved their managerial and leadership qualities and made them more responsible.

File Description	Documents
Paste link for additional information	https://siesgst.edu.in/images/Sports%20and%20Cultural%20Photos%202023-24.pdf
Upload any additional information	View File

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

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

19

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 Association was formed in 2012 at SIES Graduate School of technology(SIESGST). The Association is dedicated to bringing together the alumni on a common platform to build personal and professional support to members of the the community. Alumni meet is the annual gathering of SIES GST Alumni, which is held in the month of January. Many star alumni who are currently pursuing and completed higher studies from institutes of eminence, India and Abroad, are holding eminent and illustrious positions in various MNC's. Expert speaker: Alumni are invited for guest lectures in their respective domains training programmes, coding competition,for induction programs for the First Year students etc. They have also invited as a judge for various technical competitions. SDP: Alumni are also invited as a speaker in student development program. They also help us to mitigate the identified gaps through beyond syllabus activities like hands on workshops, guest lectures . IQAC: Alumni are active members of IQAC and their inputs are helping us for quality enhancements. Placements: Alumni facilitate campus recruitment by suggesting their companies.They also help us in providing industry based input to final year projects.As a social responsibility, Alumni contributes Rs 100000 alumni fund to needy students.

File Description	Documents
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria5/5.4.1/5.4.1.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

SIES: Governance and Management

The institution follows a democratic and participatory mode of governance with all stakeholders participating actively in its administration.

The governing board comprises of administrators, academicians and faculty representatives. The Governing Body delegates authority to the Principal who, in turn share it with the different levels of functionaries in the college. The Heads of Departments, the Conveners of committees and section in-charges play significant role in framing the institutional policies and implementing the same. Institute strike a balance between compliance with regulatory matters and keeping a strong pulse on improving the college's performance.

NEP implementation

The institute follows different form of arts, works of literature, customs, traditions, linguistic expressions, artefacts, heritage sites etc through various activities which take place at our institute: Literary Festival of Performing Arts. The institute organizes a grand GARBA NIGHT, TRADITIONAL DAY.

The Institute conducts skill-based student development programs in various interdisciplinary / multidisciplinary domains in summer and winter vacations.

The Institute is in the process of implementing the Academic bank of Credits as per guidelines issued by University of Mumbai from the Academic year 22-23.

File Description	Documents
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria6/6.1.1_additional.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.

Participation of Teachers in Decision-Making Bodies:

Teachers play important role in achieving vision and mission of the college and department. Heads of Departments have administrative autonomy in running their department. Teachers are members/conveners of the various committees like, Academic Council, Examination, Admission and R&D committee, etc. Teachers also are motivators for cultural and socially conscious activities in the institution, eg.NSS unit, the Women's development cell.

Academic Decentralization:

There are 30 committees with well-defined functions that give academic and administrative leadership to the institution. Academic Council Committee is responsible for holistic development of the college and to recommend on the enhancement of student facilities. Its responsibilities are

- Prepare Academic Calendar.
- Track the Syllabus completion of Theory/Lab.
- Supervision over the academic work of the institution

- Arrangements for conduct of examinations.
- Maintain proper standards of academic records.
- Discuss the issues/ developments at least once in a month

Anti-Ragging, Grievance Redressal and Discipline Committees take care of healthy, enjoyable and disciplined culture in the institute. It comprises of the Principal, HODs, Senior Faculty members and student representatives. Various academic committees like library committee, Time table committee, Attendance Monitoring Committee etc take care of day-to-day academic functioning of the Institute.

File Description	Documents
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria6/6.1.2_additional.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The SIES GST Strategic Plan, covering 2018-2025, outlines ambitious yet achievable targets across various domains, including academic programs, research, industry collaboration, human resource development, entrepreneurship, and community outreach. Developed through extensive consultations, this plan emphasizes collective contributions from stakeholders—faculty, students, alumni, and industry experts—to reach defined objectives.

In response to significant changes in engineering and management education over the past decade, the plan addresses the increasing demand for high-quality education amid rising competition among technical institutes. To navigate this dynamic landscape, the Institute has established strategic objectives and quantifiable targets, focusing on measuring performance indicators and ensuring effective monitoring and evaluation.

This participative approach aligns with SIES's Mission 2025, seeking to position SIES GST among India's most esteemed academic

institutions. Notably, adherence to this strategic plan led to the achievement of NAAC A+ grade and NBA compliance for the Computer Engineering, Electronics and Telecommunication Engineering, and Information Technology branches for the 2024-2027 period, demonstrating the tangible impact of the outlined strategies.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria6/6.2.1 additional Strategic%20Plan%20deployment.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.

The institute aims to excel in education and technology while fostering socio-economic growth. Its structured organization includes stakeholders, a governing body, principal, HoDs, staff, and section heads, all collaborating to enhance strategic planning, finances, infrastructure, and recruitment. Stakeholders actively participate in committees adhering to university and government guidelines, including the IQAC, anti-ragging, grievance redressal, and internal complaints committees. Both statutory and non-statutory committees ensure efficient academic and administrative governance.

Adhering to AICTE norms and University of Mumbai regulations, the institute follows transparent recruitment and service policies, available on its website. Staff benefits include provident funds, gratuity, maternity leave, and mediclaim. Promotions are based on a clear appraisal system using Academic Performance Indicators.

The College Development Committee (CDC) oversees key decisions regarding infrastructure, equipment procurement, and faculty recruitment. Departmental requirements are presented by HoDs and deliberated during biannual CDC meetings, which involve representatives from industry, parents, alumni, faculty, and management. These meetings ensure accountability by reviewing the action-taken reports from prior sessions, promoting effective decision-making and continuous improvement.

File Description	Documents
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria6/6.2.2_additional.pdf
Link to Organogram of the Institution webpage	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria6/6.2.2%20Organogram.pdf
Upload any additional information	View File

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

Welfare measures for Teaching Staff:

- As per the AICTE norms, Pay commission recommendations are implemented.
- Conduct and Leave Rules are made available.
- Extending EPF Scheme.
- Group insurance facility.

- Felicitation for exemplary academic achievements during the annual staff meet
- 6 months Maternity Leave with Pa.
- Free health checkups.
- Appreciation for the faculty member for good work.
- ATM facility.
- Canteen facility.
- Provision for voicing opinions is provided through grievance/suggestion box
- Professional and life skills training are imparted
- Quota in admission for employees' children in any of the SIES Institutions are provided.
- Encouraged to participate in various inter-collegiate sports competitions.
- Library facility.
- Sanction OD for presenting papers in conferences, symposiums and workshops
- Sanction TA and DA for out station conferences and symposiums, in deserved cases.

Welfare measures for Non-Teaching Staff:

- Service, Conduct and Leave Rules are made available.
- Extending EPF Scheme.
- Group insurance facility.
- The faculty is honoured with an incentive in the form of cash for various distinguished merit activities in the field of academics and research.
- Free health checkups.
- Uniform for supporting staff.
- Maternity, Medical leaves / vacation is sanctioned for the required staff.
- ATM facility.

File Description	Documents
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria6/6.3.1_additional.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

150

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	View File
Upload any additional information	No File Uploaded
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

70

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

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

??Performance Appraisal System of Teaching Staff? :

Institute follows a well-defined and framed model of performance appraisal system namely API (Academic Performance Indicator) as per UGC guidelines which includes :

1. Teaching, learning and evaluation related activities like Lectures, tutorials, practical hours, Lectures or other teaching duties, Preparation and imparting of knowledge, Use of participatory and innovative methodologies used, Examination Duties
2. Professional development, co-curricular and extension activities like Student related co-curricular extension and field based activities, Contribution to corporate life and management of the department and institution, Professional development activities.
3. Research and Academic Contribution like Research papers published in refereed journal, journals and conference proceedings, Research publication as Book and Book Chapter, Ongoing and Completed Research projects and consultancies, Training courses and conferences/seminar/workshop.

??Performance Appraisal System of Non-Teaching Staff:?

Every non-teaching staff also fills a self-appraisal form at the end of the academic year. The self-appraisal is first reviewed by the Head of the Department for Technical staff and by the registrar for the administrative staff and then by the Principal. The self-appraisal reports with recommendation is then sent to HR fr further considerations for appreciation or corrective action.

File Description	Documents
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria6/6.3.5_additional.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

SIES Graduate School of Technology is a self-sustaining private institute with a robust financial policy ensuring optimal utilization of resources for academic, administrative, and research endeavours. Funded primarily through tuition fees and various income streams, the management actively supports financial needs for expansion and renovation. Comprehensive financial planning begins each academic year with thorough budgeting involving all department heads. Resource mobilization includes interest on the corpus, consultancy charges, endowments, research grants, sponsorships, and sales of application forms. The management rigorously reviews financial activities quarterly, ensuring effective fund utilization through centralized purchasing. Regular internal and external audits are conducted, with M/S. V. Sankar Aiyar & Co., Chartered Accountants serving as independent auditors for five years. Their unqualified reports affirm the integrity of the financial statements, confirming adherence to established accounting principles and highlighting the strength of the institute's internal controls. Principles on the Balance Sheet and Income & Expenditure Account. The qualified opinion is not related to the systems and procedures or the internal control systems.

File Description	Documents
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria6/6.4.1_GST-Auditor%20Report_23-24_additional.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)

5.29118

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

SIES Graduate School of Technology is a distinguished private, unaided college with a strategic financial policy dedicated to maximizing the effective use of resources for academic, administrative, and research initiatives. The institute operates on a self-sustaining model, primarily funded through tuition fees and diversified income streams. In instances of budget shortfalls, management proactively allocates necessary funds to maintain operational integrity, particularly for crucial projects like building expansions and renovations.

At the start of each academic year, comprehensive financial planning and budgeting are meticulously undertaken, involving collaboration among all academic department heads and administrative sections. Resource mobilization goes beyond tuition, leveraging interest on the corpus, consultancy charges, endowments, research grants, sponsorships, university funds for NSS activities, and application form sales.

Management conducts thorough reviews of financial activities each quarter, scrutinizing budgets and expenses to ensure optimal fund utilization through centralized purchasing. This proactive financial stewardship supports the institute's mission of fostering excellence in education and research.

File Description	Documents
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria6/6.4.3_additional.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

SIES GST was ISO 9001 Quality Management System certified between 2005 and 2017; a healthy quality culture is ingrained in the Institute. The same is now being continued under the IQAC.

Few of the practices presently institutionalized under IQAC are:

1. Industry expert talk in value added courses:

The value-added courses of 40 hrs with 15 days internship-based project designed by the course coordinator and industry experts after brainstorming on the industry-academia gap, and interdisciplinary skills, are offered during the summer & winter vacations, for students of all branches. In summer total 10, courses and in winter, 14 courses were offered.

1. NBA compliance:

The institute applied for compliance of NBA. The NBA Compliance visit took place on April 20, 2024. Three programmes Computer Engineering, Electronics & Telecommunication Engineering, Information Technology have been NBA accredited for the Academic years 24-25 to 26-27

1. Cognition project competition:

Internal project competition under "Cognition- Tech Fest" was organised during last week of October 2023, by all the departments for the SE, TE and BE students. The best projects were presented and awarded the prizes.

File Description	Documents
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria6/6.5.1/6.5.1%20Additional%20Document%20for%20uplaod.pdf
Upload any additional information	View File

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

IQAC reviews the teaching-learning process regularly.

1. Industry expert talk:

Each department plans and conducts seminars/talks inviting the experts from Industries. Experts share real-world experiences, bridging the gap between theoretical knowledge and industry practices. Students gain awareness of current trends, technologies, and challenges in the industry, pathways for mentorship and internships.

2. Industry expert as reviewer for final year project:

All the departments ensures that each final year project group is reviewed regularly by an Industry expert. Experts evaluate projects from a practical and industry-relevant perspective, ensuring the work aligns with professional standards. Students can identify strengths and areas for improvement. Students understand the quality and innovation expected in professional environments, preparing them for future challenges.

3. Training for new faculty members:

IQAC conducted an orientation for newly joined faculty members, guiding them through the various processes. This ensures a smooth transition into their roles, improves teaching quality, and enhances student learning experiences.

4. Training for non-teaching staff:

Hands-on workshop for non-teaching staff on various domains such as MS Excel, Operating System- Software Installation, Communication Skills, Essentials of Six Sigma, Time & Stress Management and Yoga.

This was organised during December 2023-June 2024.

File Description	Documents
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria6/6.5.2/6.5.2%20upload%20final.pdf
Upload any additional information	View File

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://siesgst.edu.in/docs/SIES Annual Report SIESGST.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The institute is dedicated to promoting gender parity on campus and offers resources to support it. To promote gender equity, the institute hosts seminars and events. These events' primary goal is to raise awareness of gender issues. To identify, address, and carry out various programs on such issues, the institution established the National Service Scheme (NSS) Cell, Women Development Cell (WDC), and Internal Complaint Committee (ICC).

To motivate girl students, female achievers are regularly invited to the campus. Through skits and dramas, WDC and NSS cells teach college students to be sensitive to concerns of gender bias, sexual harassment, women's empowerment, dowry, and safety issues. The institution hosts seminars on a range of health topics, including diet planning, osteoporosis, cervical cancer, menstrual disorders, and hygiene.

All students take active part in literary events, editorial team, literature club etc. Institute also appoints a lady representative and lady class representative in the student's council to immediately address issues of girls in the campus. Equal opportunities are provided to lady faculty to participate in all activities organized in the institute. To handle concerns pertaining to girls on campus, a female representative and a female class representative are there in student council.

File Description	Documents
Annual gender sensitization action plan	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria7/7.1.1_Annual_Gender_Sensitization_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://siesgst.edu.in/docs/AQAR-2023-24/Criteria7/7.1.1_Specific_Facilities.pdf

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

C. Any 2 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

6R method is used in the campus to treat the waste that is produced within the campus. The NSS unit of SIESGST had taken the initiative for waste management. Compost pits that recycle campus' wet waste on-site was designed and implemented by NSS unit, which has reduced the wet waste outgo of our campus. Waste has been reduced to a significant level through the implementation of compost pits that recycle campus' wet trash.

A carton box designed in an aesthetic manner by the students is kept in each classroom for the collection of dry waste. This carton is also made by the process of Best out of Waste. Through this manner, the waste is reduced, by reuse, rethink and refuse to waste the available resources.

To reduce harmful dry waste, SIESGST follows a strict policy of no plastic within the premises. Further, strict measures are taken to dispose the e-waste. Dustbins are kept within the campus at multiple spots for e-waste collection. E-waste collected in various floors of the college is further gathered at a single spot which is then handed over to outsourced people. Majorly, e-waste is reduced by repairing certain gadgets and reusing the same for other purposes.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria7/7.1.3 Geotagged Photo.pdf
Any other relevant information	View File

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

C. Any 2 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

- 1.Restricted entry of automobiles**
- 2.Use of Bicycles/ Battery powered vehicles**
- 3.Pedestrian Friendly pathways**
- 4.Ban on use of Plastic**
- 5.landscaping with trees and plants**

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

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

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

A. Any 4 or all of the above

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	No File Uploaded
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-

C. Any 2 of the above

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	No File Uploaded
Any other relevant information	No File Uploaded

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

The institute fosters a respectful, productive, and open communication atmosphere that is inclusive of all cultures. All cultural groups coexist peacefully and are protected from mistreatment, harassment, and unjust criticism. Students of all castes, creeds, religions, and geographical locations are given equal chances in the many activities that are held during the session. To promote harmony, discipline, and unity, the institution has an active student council and NSS wing.

Students are not separated based on their lingual or socio-economic or cultural background, thus ensuring safe and secure environment. The celebrations in the premises, propagate respect for all civilisations, feature representations of a variety of cultures. Each department hosts national level competitions to provide ample opportunity. A FE induction is organized for the newbies to give them a delightful start to their four years of engineering journey. Exclusive competitions are organized by senior students for the first-year students. The bonds are strengthened when the learning takes place within the peer group.

Additionally, the student council hosts cultural events such as Dandiya, open mic, charity concerts, drama contests, and Traditional Day. The college also celebrates national festivals and commemorative days like Yoga Day.

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

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

The Maharashtra Geet and the national anthem mark the start of the day at SIES Graduate School of Technology. The Institution also commemorates the birth / death anniversaries of great Indian personalities like Dr. A. P. J Abdul Kalam, Dr. Babasaheb Ambedkar, Chhatrapati Shivaji Maharaj, Lal Bahadur Shastri, Mahatma Gandhi and Sarvepalli Radhakrishnan. Marathi language day is celebrated every year on February 27.

At SIESGST, we believe in giving holistic all-round education to the students and our constitutional rights, values, duties and responsibilities is primary education given at the institute through various means.

Institute organizes MUN (Model United Nations) program, a two-day international relations conference for all the college students with the agenda to discuss the issues related to nuclear disarmament, preventing potential human rights infringements emerging with the technological developments in networking and communication, improving employment opportunities for refugees and displaced persons (DPs), implementation of uniform civil code across the country etc.

NSS unit of the institution conducts a cleanliness drive to mark the occasion of Swachh Bharat Abhiyan in the college campus as well as in the nearby village area and many skits and dance performances are presented in various events related to sensitization.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	No File Uploaded

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	No File Uploaded

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

SIESGST believes in inclusiveness. All the national and international events are celebrated with great zeal in the campus. The institution has an active student council and NSS wing. Members in NSS and Student Council take the lead to ensure that the events are celebrated in a smooth manner. The celebrations in the premises, propagate respect for all civilisations, feature representations of a variety of cultures.

Republic day celebrations began with the hoisting of the National flag and followed by cultural activities. Along with vocal music, students also enacted a skit on Complete Independence. NSS unit organised the celebration of International Yoga Day in which expert Mrs. Saraswathi Sriram who is an expert in this field for nearly two decades enlightened the students and faculty members on the basics of Yoga and the benefits of practising Yoga regularly. Independence Day was celebrated by the NSS unit by enacting skits on organ donation, anti-ragging and Azadi ka Amrut Mahotsav after the hoisting of the flag.

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.

1. Student-Centric Skill Set Enhancement Programs

Student development programs/value-added courses in engineering play a vital role in fostering holistic growth and career readiness. These initiatives include technical workshops, internships, and skill-building activities to enhance practical knowledge and innovation. Leadership programs, hackathons, and industry collaborations help students tackle real-world challenges while improving teamwork and communication skills. Soft skills training, mentorship, and exposure to cutting-edge technology empower students to excel in diverse roles. Such programs bridge the gap between academic learning and industry expectations, preparing students for competitive global markets. By encouraging creativity, problem-solving, and adaptability, student development programs ensure the production of competent, future-ready engineers.

2. Effective Education Planning & Delivery with Faculty Handbook

A well-structured faculty handbook is essential for effective education planning and delivery. It serves as a comprehensive guide for educators, outlining institutional policies, teaching methodologies, and assessment strategies. By standardizing procedures, the handbook ensures consistency in curriculum delivery and fosters clarity in expectations. It aids faculty in aligning lesson plans with learning objectives, incorporating innovative teaching tools, and maintaining academic standards. A robust handbook promotes collaboration, streamlines operations, and enhances the learning experience, ultimately contributing to the institution's goal of delivering quality education.

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

7.3 - Institutional Distinctiveness

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

1. Review of major project by external reviewer from Industry

The major project is a course offered in their final year Engineering, wherein students are expected to implement innovative solutions to real-world problems. The objective of the course is to enable students to analyze complex problems, model feasible and efficient solutions and use technical expertise, modern tools to implement and deploy ideas. This course helps students to work in a team, present and communicate their ideas and lifelong learning.

We have invited an external reviewer for project review in a semester before final project submission. This adds industry perspective. The valuable input from the reviewer helps students in formulation of solution in a better way. Two such reviews are conducted in a year to track the progress of project development. Students get benefitted in terms of technology stack to be used, how feasible is the solution in real world, and whether a particular solution is converged to a product. With this activity the quality of projects is increased and its impact can be seen in the increased participation of more no. of project teams in various project competitions and Research papers publication and. paper publication in reputed journals.

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

The South Indian Education Society's Graduate School of Technology affiliated with the University of Mumbai (UoM) takes adequate and timely measures to deliver an effective curriculum. A well-planned and documented process is in place and followed throughout the semester. As per the academic schedule given by the University, a well-structured academic calendar is prepared by the academic council. The academic calendar provides the date of commencement of the academic session, the schedule of internal assessments schedule, Parent Teacher meetings, mid-term and final submissions, practical/oral exams, preparation holidays, end-semester examinations. The Institute follows the syllabus prescribed by the UoM. Based on the syllabus and the student strength, the department heads calculate the workload every semester. A mentor-mentee scheme is also implemented to guide the students to strengthen their academics as well as co-curricular and extracurricular skills. The gap analysis is done by the course coordinator which could be a prerequisite gap, course gap, or program gap and discussed with the departmental advisory board members to conduct various activities like guest lectures, seminars, workshops, value-added courses, industrial visits, projects, and providing students with internships. Syllabus coverage is reviewed twice in a semester and preventive action is taken to complete 100% syllabus.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criterial/1.1.1/1.1.1.additional%20document.pdf

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

The South Indian Education Society's Graduate School of Technology affiliated with the University of Mumbai (UoM) takes

adequate and timely measures to deliver an effective curriculum. A well-planned and documented process is in place and followed throughout the semester. As per the academic schedule given by the University, a well-structured academic calendar is proposed by the principal of the institute and is approved by the academic council in the review meeting. The academic calendar provides the date of commencement of the academic session, the schedule of internal assessments schedule, Parent Teacher meetings, mid-term and final submissions, practical/oral exams, preparation holidays, end-semester examinations, etc. In addition to traditional classroom teaching, faculty members also use various ICT tools and active learning strategies. The process is also supplemented with an online learning management system to make it more effective. The academic performance of students is continuously evaluated in theory and practical sessions by conducting class tests, and internal tests during the semester. File submissions and other term-end activities are carried out as per the academic schedule and university guidelines.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criterial/1.1.2/1.1.2.additional%20document.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

B. Any 3 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

10

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

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

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

19

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

791

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

791

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

SIESGST, affiliated with Mumbai University (UoM), adheres to its curriculum, incorporating courses that address Gender, Environment, Sustainability, Human Values, and Professional Ethics. All first-year engineering students undertake a compulsory Environmental Studies course in their first semester, focusing on environmental conservation, sustainability, and technological solutions for ecological challenges. Through case studies, students are sensitized to environmental issues and the importance of sustainability. A first-year induction program includes yoga sessions to highlight the value of physical health, alongside activities promoting holistic development. The compulsory Business Communication and Ethics course instills professional and ethical awareness in students across programs. Elective courses such as Disaster Management, Environmental Management, and Product Lifecycle Management educate students on preserving environmental quality and understanding sustainability. These courses emphasize the role of technology in addressing environmental concerns and prepare students to tackle adverse conditions effectively. Mechanical Engineering programs integrate topics on renewable energy sources, while all courses embed elements of professional ethics and human values. Students gain hands-on experience during professional internships, applying their knowledge in real-world settings and adopting professional etiquettes. Through project work, SIESGST encourages original technical innovation while reinforcing professional work ethics, ensuring students are equipped with both technical expertise and strong ethical foundations.

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

76

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

356

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								
<table> <tr> <th data-bbox="97 356 547 421">File Description</th><th data-bbox="547 356 1437 421">Documents</th></tr> <tr> <td data-bbox="97 421 547 524">URL for stakeholder feedback report</td><td data-bbox="547 421 1437 524">View File</td></tr> <tr> <td data-bbox="97 524 547 741">Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)</td><td data-bbox="547 524 1437 741">View File</td></tr> <tr> <td data-bbox="97 741 547 842">Any additional information(Upload)</td><td data-bbox="547 741 1437 842">View File</td></tr> </table>	File Description	Documents	URL for stakeholder feedback report	View File	Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File	Any additional information(Upload)	View File	
File Description	Documents								
URL for stakeholder feedback report	View File								
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File								
Any additional information(Upload)	View File								
1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website								
<table> <tr> <th data-bbox="97 1021 547 1086">File Description</th><th data-bbox="547 1021 1437 1086">Documents</th></tr> <tr> <td data-bbox="97 1086 547 1189">Upload any additional information</td><td data-bbox="547 1086 1437 1189">View File</td></tr> <tr> <td data-bbox="97 1189 547 1290">URL for feedback report</td><td data-bbox="547 1189 1437 1290">https://siesgst.edu.in/feedback</td></tr> </table>	File Description	Documents	Upload any additional information	View File	URL for feedback report	https://siesgst.edu.in/feedback			
File Description	Documents								
Upload any additional information	View File								
URL for feedback report	https://siesgst.edu.in/feedback								
TEACHING-LEARNING AND EVALUATION									
2.1 - Student Enrollment and Profile									
2.1.1 - Enrolment Number Number of students admitted during the year									
2.1.1.1 - Number of sanctioned seats during the year									
576									
<table> <tr> <th data-bbox="97 1659 547 1724">File Description</th><th data-bbox="547 1659 1437 1724">Documents</th></tr> <tr> <td data-bbox="97 1724 547 1794">Any additional information</td><td data-bbox="547 1724 1437 1794">View File</td></tr> <tr> <td data-bbox="97 1794 547 1895">Institutional data in prescribed format</td><td data-bbox="547 1794 1437 1895">View File</td></tr> </table>	File Description	Documents	Any additional information	View File	Institutional data in prescribed format	View File			
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

71

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

SIESGST assesses and organizes special programs for advanced learners and slow learners.

Identification of slow learners:

Slow learners are identified through classroom and lab observations, poor test and assignment performance, limited participation, lack of interest, and delayed submissions. Assignments focusing on key topics and FAQs are provided to improve final exam performance. Practice sessions, blended teaching-learning techniques, and additional lectures for core engineering subjects are organized to aid understanding. Remedial classes at semester-end and consistent mentoring, including regular parent updates, ensure progress. For disinterested students, counselling sessions with mentors and professionals are arranged for motivation.

Identification of Bright Students:

Bright students exhibit active participation, effortless learning, and a keen interest in innovation and technology. They excel in tests, assignments, and projects. Challenging assignments, workshops on emerging technologies, and participation in competitions like Avishkar and Anveshna foster their skills. High performers are guided in technical paper writing and encouraged to present at reputed conferences. Internships during vacations enhance collaborative skills. Socially responsible projects are encouraged to inspire broader societal contributions.

Dedicated sessions for GATE preparation, higher studies guidance, and targeted entrance exam preparatory classes further equip

bright students for academic and professional excellence. These initiatives holistically support students' growth and development.

File Description	Documents
Link for additional Information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria2/Part_B/2.2/2.2.1-Student diversity-Fast and slow learners-scanned.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
2080	98

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 SIESGST, we conduct various student-centric activities to enhance teaching and learning through experiential learning, participative learning, and problem-solving methodologies.

Experiential Learning:

Experiential learning focuses on hands-on experiences through projects, internships, seminars, workshops, and industrial visits. For example, the Computer Engineering Department organized an industrial visit to the Meteorological Department, and AIDS, AIML, and IT departments hosted topic-specific seminars. The EXTC department guided second-year students in subject-aligned mini-projects, ensuring technical skill enhancement.

Participative Learning:

Participative learning involves collaborative methods like Think-Pair-Share, Flipped Classrooms, Peer Instruction, and Group Discussions. For instance, Think-Pair-Share was used in DWM (CE, Semester VI) and ADSA (IT, Semester V), while Flipped Classrooms were adopted in CN (CE, Semester V) and NT (EXTC, Semester III). Quizzes in ADBM (CE, Semester V) and AOA (AIDS, Semester IV) further engaged students.

Problem-Based Learning:

Problem-based learning allows students to tackle real-world challenges through design problems and case studies. Examples include Blockchain (CE, Semester VII) and ITC (ECS, Semester V) case studies, as well as problem-solving tasks in Data Structures (ECS, Semester III).

These student-centric activities and innovative teaching practices earned SIES GST the prestigious "Best Engineering College in Maharashtra for Teaching and Course Curriculum 2023" award by CEGR.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria2/Part_B/2.3/2.3.1-Teaching-learning-23-24-scanned.pdf

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

We at SIES GST conduct various teaching and learning activities using ICT (Information and Communication Technology) tools to enhance the educational experience and prepare students for the dynamic engineering landscape. ICT tools play a pivotal role in making learning interactive, engaging, and efficient, bridging the gap between theoretical concepts and practical applications.

Our classrooms are equipped with projectors to facilitate multimedia-based teaching, enabling instructors to use animations, videos, and simulations for better conceptual clarity. Platforms like Microsoft Teams and Google Classroom are

employed for sharing lecture materials, assignments, and conducting quizzes, fostering an interactive learning environment.

To encourage participative learning, tools such as Kahoot and Mentimeter are used for quizzes and polls, making sessions more engaging. Coding platform like CodeChef is integrated into programming courses to develop problem-solving skills. Additionally, virtual labs and software like MATLAB and AutoCAD help students gain hands-on experience in technical subjects.

Faculty members utilize video conferencing tools like MS Teams for online classes, webinars, and workshops, ensuring uninterrupted learning. These tools also facilitate collaborative projects and group discussions, preparing students for industry requirements. Through ICT-enabled education, SIESGST aims to create tech-savvy engineers equipped with essential skills for a globalized world.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria2/PartB/2.3/2.3.2-ICT-23-24-scanned.pdf

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

2.3.3.1 - Number of mentors

97

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

98

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

27

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

713

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.

Mechanism of maintaining transparency in internal/external assessments:

Internal assessments, as per the University of Mumbai's syllabus scheme, are separate heads of passing. These are planned in line with the academic calendar and communicated to students and faculty at the semester's start. Two internal tests of 20 marks each are conducted, and the average contributes 20% to the total weightage in each theory subject, alongside an 80-mark end-semester exam.

The first test is held within 45 days of the college reopening, covering 40% of the syllabus, while the second test follows after the next 40% is covered. Internal Quality Committees monitor assessments to ensure alignment with learning outcomes and inclusion of questions at various Bloom's taxonomy levels.

The solution and question-wise marking scheme are prepared and shared with students post-exam to ensure transparency and uniformity. External paper assessment for second- and third-year students is conducted by internal faculty and moderated by external faculty, while the university manages first- and final-year assessments.

This structured approach ensures assessments are aligned with academic objectives, meet quality standards, and maintain fairness in evaluation.

File Description	Documents
Any additional information	View File
Link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria2/PartB/2.5/2.5.1and2.5.2-23-24-scanned.pdf

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

Mechanism of grievance redressal system:

SIESGST ensures a transparent, time-bound, and efficient grievance redressal mechanism for internal and external examinations.

Internal Assessments Various internal examinations, such as unit tests, assignments, lab continuous evaluations, and project evaluations, are conducted throughout the semester. Faculty evaluates test papers within a week and discusses grievances with students after showing the evaluated sheets. Lab submissions are managed via LMS platforms like Microsoft Teams, with marks shared immediately for transparency and feedback. Projects undergo two internal evaluations by a faculty panel each semester. Assignments are assessed using a predefined rubric shared with students to maintain fairness and clarity.

External Assessments For university-level grievances, students can request a photocopy or revaluation of their answer sheets if dissatisfied with their results. By obtaining a photocopy, students can review their performance and decide if revaluation is necessary. Revaluation involves a fresh assessment by external faculty, with results announced as per university norms.

This structured approach ensures students can address their concerns efficiently while maintaining transparency, fairness, and adherence to timelines.

File Description	Documents
Any additional information	View File
Link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria2/PartB/2.5/2.5.1and2.5.2-23-24-scanned.pdf

2.6 - Student Performance and Learning Outcomes

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

Course Outcomes (COs): Course Outcomes define the knowledge and skills students gain by the end of a course. The University of Mumbai specifies COs, which faculty may modify to enhance delivery. COs are finalized with input from course coordinators, experts with over three years of experience. These outcomes are measurable, precise, and aligned with Bloom's Taxonomy. Faculty include COs in teaching plans, communicate them to students during the introductory lecture, and upload them to website at the semester's start.

Program Outcomes (POs) and Program Specific Outcomes (PSOs): The institute adheres to 12 POs, established by the National Board of Accreditation in 2015, to standardize undergraduate engineering education. POs and PSOs are disseminated through notice boards, brochures, faculty handbooks, laboratory manuals, course files, the website, and Parent-Teacher meetings. Faculty receive training in Outcome-Based Education (OBE) through workshops and seminars. Advisory board meetings with stakeholders help review POs, PSOs, and attainment levels, identifying gaps and initiating actions.

Program Educational Objectives (PEOs): PEOs are collaboratively defined for all undergraduate programs and displayed prominently on notice boards, in laboratories, and on the website. Faculty ensure PEOs are achieved, maintaining quality teaching and learning. Ongoing evaluation and stakeholder feedback ensure continuous improvement in outcome attainment.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria2/Part_B/2.6/2.6.1-awareness_of_CO-scanned.pdf
Upload COs for all courses (exemplars from Glossary)	View File

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

We at SIESGST, follow a systematic process of measuring attainment levels of Programme Outcomes (PO), Program Specific Outcomes (PSO), and Course Outcomes (COs). The steps followed are:

- 1. Formation of COs:** Faculty members refer to the revised syllabus from the University of Mumbai to develop COs for each subject. These COs are mapped across all cognitive levels of Bloom's taxonomy.
- 2. Mapping COs to POs and PSOs:** The created COs are mapped to the relevant POs and PSOs.
- 3. Continuous Assessment:** Various assessment techniques (unit tests, assignments, class tests, lab experiments, project evaluations, etc.) are used throughout the semester. Assessment questions are mapped to specific COs, and student scores are recorded to calculate the CO attainment levels.
- 4. Setting Target Attainment Levels:** Target levels for each course are set based on previous results, typically using the average of the past three years' results. These targets are used to assess the current semester's performance.
- 5. Calculation of CO Attainment Levels:** At the end of the semester, CO attainment levels are calculated using the assessment results.
- 6. Calculation of PO and PSO Attainment Levels:** The CO attainment levels are aggregated to calculate the overall attainment levels for each PO and PSO.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria2/Part B/2.6/2.6.2-process-co-po-attainment.pdf

2.6.3 - Pass percentage of Students during the year

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

411

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://siesgst.edu.in/docs/AQAR-2023-24/Criteria2/Part B/2.6/2.6.3.2-annual-report-23-24-scanned.pdf

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

<https://siesgst.edu.in/docs/AQAR-2023-24/Criteria2/Part B/2.7/STUDENT SATISFACTION SURVEY.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

25.916

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

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

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

1

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://serb.gov.in/

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

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

30

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

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year**3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year**

30

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

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

52

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

3.3 - Extension Activities

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

The National Service Scheme (NSS) at SIES Graduate School of Technology organizes impactful activities promoting social responsibility, patriotism, and community welfare. Key events include celebrations of Dr. B.R. Ambedkar Jayanti, Independence Day, and Republic Day, with skits on themes like Azadi Ka Amrut Mahotsav, Anti-Ragging, and Organ Donation.

Health initiatives included International Yoga Day, a Two-Day Yoga Workshop, and seminars on Drug Addiction Awareness and POSH Act. The Blood Donation Drive, collecting 266 units, and fruit donations on Gandhi Jayanti emphasized compassion.

Environmental efforts were showcased through tree plantations at Seawoods, cleanliness drives at Dadar Beach and Swachata Park, and compost pit activities. The NSS also performed street plays on topics such as the Ban on Single-Use Plastics and Cybercrime.

The institute received INR 50,000 for the Unnat Bharat Abhiyan and conducted surveys in 5 adopted villages. Other activities included rallies like the Anti-Drug Rally, STEM workshops, and a 7-Day NSS Special Camp focusing on rural development. Awareness programs on road safety, women empowerment, and gender sensitization further promoted societal progress.

These initiatives reflect the NSS's mission to contribute to the nation while fostering holistic student development.

File Description	Documents
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria3/3.3/3.3/3.3.1%20additional%20information.pdf
Upload any additional information	View File

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

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

7

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

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

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

YRC etc., during the year**47**

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

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year**3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year****2580**

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

3.4 - Collaboration**3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year****86**

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

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

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

17

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.

SIES GST fosters effective teaching and learning through a blend of traditional classroom instruction and hands-on training in state-of-the-art laboratories. The Institute meets AICTE standards with its well-maintained infrastructure. The campus spans 24,795.64 sq. m., with a constructed area of 15,113.82 sq. m.

To ensure safety and security, the entire campus is monitored via CCTV surveillance. The facilities include lecture halls, tutorial rooms, drawing halls, seminar halls, well-equipped laboratories, a library, a TPO office, a first-aid room, a counselling centre, administrative office, an exam cell, assessment rooms, workshops, an auditorium, a multimedia lab, a photocopy centre, canteen, a gymkhana, an open amphitheatre and various departmental facilities like HOD rooms, faculty rooms, BCR, GCR, and storage rooms.

Each department has modern laboratories featuring advanced software and hardware, with an overall investment of more than ₹10 crores. Notable equipment includes NI LabVIEW, vibrometers, CNC lathes, microwave benches, blown-film extrusion machines,

offset printing machines, and injection and blow molding machines. The Institute also boasts a central computing facility covering 154 sq. m., providing internet access and audio-visual tools for both students and faculties.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria4/4.1/4.1.1_additional%20info.pdf

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

The Institution is well-equipped with facilities to support cultural activities, sports, indoor and outdoor games, as well as a gymnasium.

The student council at SIES GST is highly organized, with two dedicated sports secretaries responsible for managing sports events. A faculty sports coordinator collaborates with student members to plan activities without disrupting academics. While indoor sports facilities are available on campus, outdoor games are organized in partnership with local municipal bodies or nearby gymkhanas.

SIES GST also offers an on-campus gymnasium, accessible to faculty and students after lecture hours, along with a dedicated space for yoga and meditation to promote physical and mental well-being.

The student council also plays a vital role in organizing a variety of cultural events, including first-year orientation, farewells, Teachers' Day celebrations, national festivals, annual festivals, open-mic sessions, music charity concerts, funfairs, and year-end celebrations. The Institute supports students' personal growth through dedicated clubs that nurture their talents. Additionally, the college features an open-air lawn and amphitheatre for the creation of a supportive atmosphere and facilities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria4/4.1/4.1.2_additional%20info.pdf

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

20

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

20

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria4/4.1.3/
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)

119.77458

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

4.2 - Library as a Learning Resource

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

The college library is a key resource center supporting academic and research activities by providing print and electronic resources such as textbooks, reference books, and materials for competitive exams. It uses Koha (23.11.05), an Integrated Library System (ILS), to automate library functions like acquisition, cataloging, circulation, and reporting. Koha's features include MARC compatibility, barcode generation, and multi-branch support.

The library offers Online Public Access Catalogue (OPAC), accessible via mobile, which allows users to search for books and track availability. Additional services include NPTEL video lectures, photocopying, Wi-Fi access, and membership in DELNET and NDL, providing access to thousands of e-books and journals.

eAarjav Plagiarism detection software helps us to ensure the originality in academic content and maintaining academic integrity and supporting the library's mission.

Each year, the library conducts an Orientation Program for first-year students to familiarize them with library resources and services, ensuring they can efficiently navigate the library and utilize its offerings.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria4/4.2/4.2.1%20Add information.pdf

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

A. Any 4 or more of the above

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

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

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

18.32404

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

145.81

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

4.3 - IT Infrastructure

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

The institute places significant emphasis on upgrading its IT infrastructure to enhance academic and administrative efficiency,

Institute offers a robust internet connection with total 300 Mbps with breakup as 200 Mbps primary bandwidth provided by TATA

(renewed in 2020) and a 100 Mbps backup line by JIO with upgradation of 55 Mbps in April 2024. Total 328 new computers are included in 2023-24.

- A well-equipped media lab is available.
- For network security, the institute employs the Sophos-XG 330 firewall, with its license renewed every three years.
- A wide range of licensed software, including Solid Works, Netslim, Sql, Autocad, Oracle, Ansys22 HFSS, Tense Buster and Campus Licenses (Microsoft windows, Office 0365, Bitdefender, Visual studio etc.) caters to academic needs. G suit and MS teams for online contents sharing is used by the faculty members.
- To maintain academic integrity, the institute uses library management software KOHA and E-Aarjav plagiarism detection software.
- For administrative purpose softwares for examcell and training and placement cell like Tally on Cloud, Khushi and Calyxpod.
- An efficient CCTV surveillance system with 123 cameras ensures campus safety.
- Annual maintenance services are available on an on-call basis.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria4/4.3/4.3.1_Ainfo%2023-24.pdf

4.3.2 - Number of Computers**813**

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

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

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

4.4 - Maintenance of Campus Infrastructure**4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)****4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)****422.98096**

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.

SIES GST maintains and utilizes its physical, academic, and support facilities through well-defined processes. Annual maintenance is overseen by respective departments, with lab assistants and attendants managing laboratories. External

agencies maintain infrastructure and equipment, including lifts, fire systems, generators, UPS, air conditioners, water purifiers, photocopiers, and computer systems. A system administrator handles network equipment and CCTV systems, while an in-house electrician manages electrical repairs.

Minor repairs are managed by technical staff, while external maintenance is handled via vendor quotations finalized by the purchase team. Major civil works are decided by an estate committee. Cleaning, gardening, and security are managed through contracts with external agencies. The estate manager oversees water tank cleaning, and network systems are maintained by a dedicated team under the CIO.

Facility utilization is monitored by lab assistants under the system administrator. Departments maintain stock registers, conduct annual inspections, and report maintenance needs to the administrative office. Parking is well-organized, and campus safety is ensured through surveillance cameras and housekeeping services. This systematic approach ensures a clean, efficient, and orderly learning environment.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria4/4.4/4.4.2_2023_2024.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

708

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

64

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://siesgst.edu.in/docs/AQAR-2023-24/Criteria5/5.1.3/5.1.3.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**1325****5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year****1325**

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	No File Uploaded

5.2 - Student Progression**5.2.1 - Number of placement of outgoing students during the year****5.2.1.1 - Number of outgoing students placed during the year**

179

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

5.2.2 - Number of students progressing to higher education during the year**5.2.2.1 - Number of outgoing student progression to higher education**

35

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**

50

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

5.3 - Student Participation and Activities**5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year****5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

28

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)

Like every professional body, SIESGST has an active Student's Council (SC) whose members are elected yearly. The election process involves inviting applications from students for the various posts. Selection process: A selection committee decided by Principal consisting of the Student Council I/C and Senior Faculty members, conduct interviews for the selection of the Technical, Cultural, Sports Secretaries from the final year and the Ladies and NSS representatives from the third year. The core council then elects the General Secretary and the President. The SC forms teams for Marketing, PR, Logistics, Sponsorship generation, Social Media Management, Multimedia Editing and Photography based on the students' interests. The 50-member SC has representation from all the departments; together they act as a link between the students and management. Alumni representative was introduced to Improve Alumni interaction. UDGAM an ISR team was formed in 2018 to sensitize social issues among students. Clubs like music, dramatics, literary, robotics also work along with SC. The student members play a vital role in various Institute level committees like the WDC, anti-ragging, IQAC, CDC and ISR. Involvement of the students in various administrative bodies has improved their managerial and leadership qualities and made them more responsible.

File Description	Documents
Paste link for additional information	https://siesgst.edu.in/images/Sports%20and%20Cultural%20Photos%202023-24.pdf
Upload any additional information	View File

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

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

19

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 Association was formed in 2012 at SIES Graduate School of technology(SIESGST). The Association is dedicated to bringing together the alumni on a common platform to build personal and professional support to members of the the community. Alumni meet is the annual gathering of SIES GST Alumni, which is held in the month of January. Many star alumni who are currently pursuing and completed higher studies from institutes of eminence, India and Abroad, are holding eminent and illustrious positions in various MNC's. Expert speaker: Alumni are invited for guest lectures in their respective domains training programmes, coding competition,for induction programs for the First Year students etc. They have also invited as a judge for various technical competitions. SDP: Alumni are also invited as a speaker in

student development program. They also help us to mitigate the identified gaps through beyond syllabus activities like hands on workshops, guest lectures . IQAC: Alumni are active members of IQAC and their inputs are helping us for quality enhancements. Placements: Alumni facilitate campus recruitment by suggesting their companies.They also help us in providing industry based input to final year projects.As a social responsibility, Alumni contributes Rs 100000 alumni fund to needy students.

File Description	Documents
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria5/5.4.1/5.4.1.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

SIES: Governance and Management

The institution follows a democratic and participatory mode of governance with all stakeholders participating actively in its administration.

The governing board comprises of administrators, academicians and faculty representatives. The Governing Body delegates authority to the Principal who, in turn share it with the different levels of functionaries in the college. The Heads of Departments, the Conveners of committees and section in-charges play significant role in framing the institutional policies and implementing the same. Institute strike a balance between compliance with regulatory matters and keeping a strong pulse on improving the college's performance.

NEP implementation

The institute follows different form of arts, works of literature, customs, traditions, linguistic expressions, artefacts, heritage sites etc through various activities which take place at our institute: Literary Festival of Performing Arts. The institute organizes a grand GARBA NIGHT, TRADITIONAL DAY.

The Institute conducts skill-based student development programs in various interdisciplinary / multidisciplinary domains in summer and winter vacations.

The Institute is in the process of implementing the Academic bank of Credits as per guidelines issued by University of Mumbai from the Academic year 22-23.

File Description	Documents
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria6/6.1.1_additional.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.

Participation of Teachers in Decision-Making Bodies:

Teachers play important role in achieving vision and mission of the college and department. Heads of Departments have administrative autonomy in running their department. Teachers are members/conveners of the various committees like, Academic Council, Examination, Admission and R&D committee, etc. Teachers also are motivators for cultural and socially conscious activities in the institution, eg.NSS unit, the Women's development cell.

Academic Decentralization:

There are 30 committees with well-defined functions that give academic and administrative leadership to the institution. Academic Council Committee is responsible for holistic

development of the college and to recommend on the enhancement of student facilities. Its responsibilities are

- Prepare Academic Calendar.
- Track the Syllabus completion of Theory/Lab.
- Supervision over the academic work of the institution
- Arrangements for conduct of examinations.
- Maintain proper standards of academic records.
- Discuss the issues/ developments at least once in a month

Anti-Ragging, Grievance Redressal and Discipline Committees take care of healthy, enjoyable and disciplined culture in the institute. It comprises of the Principal, HODs, Senior Faculty members and student representatives. Various academic committees like library committee, Time table committee, Attendance Monitoring Committee etc take care of day-to-day academic functioning of the Institute.

File Description	Documents
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria6/6.1.2_additional.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The SIES GST Strategic Plan, covering 2018-2025, outlines ambitious yet achievable targets across various domains, including academic programs, research, industry collaboration, human resource development, entrepreneurship, and community outreach. Developed through extensive consultations, this plan emphasizes collective contributions from stakeholders—faculty,

students, alumni, and industry experts—to reach defined objectives.

In response to significant changes in engineering and management education over the past decade, the plan addresses the increasing demand for high-quality education amid rising competition among technical institutes. To navigate this dynamic landscape, the Institute has established strategic objectives and quantifiable targets, focusing on measuring performance indicators and ensuring effective monitoring and evaluation.

This participative approach aligns with SIES's Mission 2025, seeking to position SIES GST among India's most esteemed academic institutions. Notably, adherence to this strategic plan led to the achievement of NAAC A+ grade and NBA compliance for the Computer Engineering, Electronics and Telecommunication Engineering, and Information Technology branches for the 2024-2027 period, demonstrating the tangible impact of the outlined strategies.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria6/6.2.1_additional_Strategic%20Plan%20deployment.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.

The institute aims to excel in education and technology while fostering socio-economic growth. Its structured organization includes stakeholders, a governing body, principal, HoDs, staff, and section heads, all collaborating to enhance strategic planning, finances, infrastructure, and recruitment. Stakeholders actively participate in committees adhering to university and government guidelines, including the IQAC, anti-ragging, grievance redressal, and internal complaints committees. Both statutory and non-statutory committees ensure efficient academic and administrative governance.

Adhering to AICTE norms and University of Mumbai regulations, the

institute follows transparent recruitment and service policies, available on its website. Staff benefits include provident funds, gratuity, maternity leave, and mediclaim. Promotions are based on a clear appraisal system using Academic Performance Indicators.

The College Development Committee (CDC) oversees key decisions regarding infrastructure, equipment procurement, and faculty recruitment. Departmental requirements are presented by HoDs and deliberated during biannual CDC meetings, which involve representatives from industry, parents, alumni, faculty, and management. These meetings ensure accountability by reviewing the action-taken reports from prior sessions, promoting effective decision-making and continuous improvement.

File Description	Documents
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria6/6.2.2_additional.pdf
Link to Organogram of the Institution webpage	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria6/6.2.2%20Organogram.pdf
Upload any additional information	View File

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

Welfare measures for Teaching Staff:

- As per the AICTE norms, Pay commission recommendations are implemented.
- Conduct and Leave Rules are made available.
- Extending EPF Scheme.
- Group insurance facility.
- Felicitation for exemplary academic achievements during the annual staff meet
- 6 months Maternity Leave with Pa.
- Free health checkups.
- Appreciation for the faculty member for good work.
- ATM facility.
- Canteen facility.
- Provision for voicing opinions is provided though grievance/suggestion box
- Professional and life skills training are imparted
- Quota in admission for employees' children in any of the SIES Institutions are provided.

- Encouraged to participate in various inter-collegiate sports competitions.
- Library facility.
- Sanction OD for presenting papers in conferences, symposiums and workshops
- Sanction TA and DA for out station conferences and symposiums, in deserved cases.

Welfare measures for Non-Teaching Staff:

- Service, Conduct and Leave Rules are made available.
- Extending EPF Scheme.
- Group insurance facility.
- The faculty is honoured with an incentive in the form of cash for various distinguished merit activities in the field of academics and research.
- Free health checkups.
- Uniform for supporting staff.
- Maternity, Medical leaves / vacation is sanctioned for the required staff.
- ATM facility.

File Description	Documents
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria6/6.3.1_additional.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

16

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

150

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	View File
Upload any additional information	No File Uploaded
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

70

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

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

??Performance Appraisal System of Teaching Staff? :

Institute follows a well-defined and framed model of performance appraisal system namely API (Academic Performance Indicator) as

per UGC guidelines which includes :

1. Teaching, learning and evaluation related activities like Lectures, tutorials, practical hours, Lectures or other teaching duties, Preparation and imparting of knowledge, Use of participatory and innovative methodologies used, Examination Duties
2. Professional development, co-curricular and extension activities like Student related co-curricular extension and field based activities, Contribution to corporate life and management of the department and institution, Professional development activities.
3. Research and Academic Contribution like Research papers published in refereed journal, journals and conference proceedings, Research publication as Book and Book Chapter, Ongoing and Completed Research projects and consultancies, Training courses and conferences/seminar/workshop.

??Performance Appraisal System of Non-Teaching Staff:?

Every non-teaching staff also fills a self-appraisal form at the end of the academic year. The self-appraisal is first reviewed by the Head of the Department for Technical staff and by the registrar for the administrative staff and then by the Principal. The self-appraisal reports with recommendation is then sent to HR for further considerations for appreciation or corrective action.

File Description	Documents
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria6/6.3.5_additional.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

SIES Graduate School of Technology is a self-sustaining private institute with a robust financial policy ensuring optimal utilization of resources for academic, administrative, and research endeavours. Funded primarily through tuition fees and

various income streams, the management actively supports financial needs for expansion and renovation. Comprehensive financial planning begins each academic year with thorough budgeting involving all department heads. Resource mobilization includes interest on the corpus, consultancy charges, endowments, research grants, sponsorships, and sales of application forms. The management rigorously reviews financial activities quarterly, ensuring effective fund utilization through centralized purchasing. Regular internal and external audits are conducted, with M/S. V. Sankar Aiyar & Co., Chartered Accountants serving as independent auditors for five years. Their unqualified reports affirm the integrity of the financial statements, confirming adherence to established accounting principles and highlighting the strength of the institute's internal controls. Principles on the Balance Sheet and Income & Expenditure Account. The qualified opinion is not related to the systems and procedures or the internal control systems.

File Description	Documents
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria6/6.4.1_GST-Auditor%20Report_23-24_additional.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)

5.29118

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

SIES Graduate School of Technology is a distinguished private, unaided college with a strategic financial policy dedicated to maximizing the effective use of resources for academic, administrative, and research initiatives. The institute operates on a self-sustaining model, primarily funded through tuition fees and diversified income streams. In instances of budget shortfalls, management proactively allocates necessary funds to maintain operational integrity, particularly for crucial projects like building expansions and renovations.

At the start of each academic year, comprehensive financial planning and budgeting are meticulously undertaken, involving collaboration among all academic department heads and administrative sections. Resource mobilization goes beyond tuition, leveraging interest on the corpus, consultancy charges, endowments, research grants, sponsorships, university funds for NSS activities, and application form sales.

Management conducts thorough reviews of financial activities each quarter, scrutinizing budgets and expenses to ensure optimal fund utilization through centralized purchasing. This proactive financial stewardship supports the institute's mission of fostering excellence in education and research.

File Description	Documents
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria6/6.4.3_additional.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

SIES GST was ISO 9001 Quality Management System certified between 2005 and 2017; a healthy quality culture is ingrained in the Institute. The same is now being continued under the IQAC.

Few of the practices presently institutionalized under IQAC are:

1. Industry expert talk in value added courses:

The value-added courses of 40 hrs with 15 days internship-based project designed by the course coordinator and industry experts after brainstorming on the industry-academia gap, and interdisciplinary skills, are offered during the summer & winter vacations, for students of all branches. In summer total 10, courses and in winter, 14 courses were offered.

1. NBA compliance:

The institute applied for compliance of NBA. The NBA Compliance visit took place on April 20, 2024. Three programmes Computer Engineering, Electronics & Telecommunication Engineering, Information Technology have been NBA accredited for the Academic years 24-25 to 26-27

1. Cognition project competition:

Internal project competition under "Cognition- Tech Fest" was organised during last week of October 2023, by all the departments for the SE, TE and BE students. The best projects were presented and awarded the prizes.

File Description	Documents
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria6/6.5.1/6.5.1%20Additional%20Document%20for%20upload.pdf
Upload any additional information	View File

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

IQAC reviews the teaching-learning process regularly.

1. Industry expert talk:

Each department plans and conducts seminars/talks inviting the experts from Industries. Experts share real-world experiences, bridging the gap between theoretical knowledge and industry practices. Students gain awareness of current trends, technologies, and challenges in the industry, pathways for

mentorship and internships.

2. Industry expert as reviewer for final year project:

All the departments ensures that each final year project group is reviewed regularly by an Industry expert. Experts evaluate projects from a practical and industry-relevant perspective, ensuring the work aligns with professional standards. Students can identify strengths and areas for improvement. Students understand the quality and innovation expected in professional environments, preparing them for future challenges.

3. Training for new faculty members:

IQAC conducted an orientation for newly joined faculty members, guiding them through the various processes. This ensures a smooth transition into their roles, improves teaching quality, and enhances student learning experiences.

4. Training for non-teaching staff:

Hands-on workshop for non-teaching staff on various domains such as MS Excel, Operating System- Software Installation, Communication Skills, Essentials of Six Sigma, Time & Stress Management and Yoga. This was organised during December 2023-June 2024.

File Description	Documents
Paste link for additional information	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria6/6.5.2/6.5.2%20upload%20final.pdf
Upload any additional information	View File

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://siesgst.edu.in/docs/SIES_Annual_Report_SIESGST.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The institute is dedicated to promoting gender parity on campus and offers resources to support it. To promote gender equity, the institute hosts seminars and events. These events' primary goal is to raise awareness of gender issues. To identify, address, and carry out various programs on such issues, the institution established the National Service Scheme (NSS) Cell, Women Development Cell (WDC), and Internal Complaint Committee (ICC).

To motivate girl students, female achievers are regularly invited to the campus. Through skits and dramas, WDC and NSS cells teach college students to be sensitive to concerns of gender bias, sexual harassment, women's empowerment, dowry, and safety issues. The institution hosts seminars on a range of health topics, including diet planning, osteoporosis, cervical cancer, menstrual disorders, and hygiene.

All students take active part in literary events, editorial team, literature club etc. Institute also appoints a lady representative and lady class representative in the student's council to immediately address issues of girls in the campus. Equal opportunities are provided to lady faculty to participate in all activities organized in the institute. To handle concerns pertaining to girls on campus, a female representative and a female class representative are there in student council.

File Description	Documents
Annual gender sensitization action plan	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria7/7.1.1_Annual_Gender_Sensitization_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://siesgst.edu.in/docs/AQAR-2023-24/Criteria7/7.1.1_Specific_Facilities.pdf

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

C. Any 2 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

6R method is used in the campus to treat the waste that is produced within the campus. The NSS unit of SIESGST had taken the initiative for waste management. Compost pits that recycle campus' wet waste on-site was designed and implemented by NSS unit, which has reduced the wet waste outgo of our campus. Waste has been reduced to a significant level through the implementation of compost pits that recycle campus' wet trash.

A carton box designed in an aesthetic manner by the students is kept in each classroom for the collection of dry waste. This carton is also made by the process of Best out of Waste. Through this manner, the waste is reduced, by reuse, rethink and refuse to waste the available resources.

To reduce harmful dry waste, SIESGST follows a strict policy of no plastic within the premises. Further, strict measures are

taken to dispose the e-waste. Dustbins are kept within the campus at multiple spots for e-waste collection. E-waste collected in various floors of the college is further gathered at a single spot which is then handed over to outsourced people. Majorly, e-waste is reduced by repairing certain gadgets and reusing the same for other purposes.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	https://siesgst.edu.in/docs/AQAR-2023-24/Criteria7/7.1.3_Geotagged_Photo.pdf
Any other relevant information	View File

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

C. Any 2 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

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

- 1.Restricted entry of automobiles**
- 2.Use of Bicycles/ Battery powered vehicles**
- 3.Pedestrian Friendly pathways**
- 4.Ban on use of Plastic**
- 5.landscaping with trees and plants**

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

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

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

A. Any 4 or all of the above

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	No File Uploaded
Any other relevant information	View File

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

C. Any 2 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	No File Uploaded
Any other relevant information	No File Uploaded

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

The institute fosters a respectful, productive, and open communication atmosphere that is inclusive of all cultures. All cultural groups coexist peacefully and are protected from mistreatment, harassment, and unjust criticism. Students of all castes, creeds, religions, and geographical locations are given equal chances in the many activities that are held during the session. To promote harmony, discipline, and unity, the institution has an active student council and NSS wing.

Students are not separated based on their lingual or socio-economic or cultural background, thus ensuring safe and secure environment. The celebrations in the premises, propagate respect for all civilisations, feature representations of a variety of cultures. Each department hosts national level competitions to provide ample opportunity. A FE induction is organized for the newbies to give them a delightful start to their four years of engineering journey. Exclusive competitions are organized by senior students for the first-year students. The bonds are strengthened when the learning takes place within the peer group.

Additionally, the student council hosts cultural events such as Dandiya, open mic, charity concerts, drama contests, and Traditional Day. The college also celebrates national festivals and commemorative days like Yoga Day.

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

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

The Maharashtra Geet and the national anthem mark the start of the day at SIES Graduate School of Technology. The Institution also commemorates the birth / death anniversaries of great Indian personalities like Dr. A. P. J Abdul Kalam, Dr. Babasaheb Ambedkar, Chhatrapati Shivaji Maharaj, Lal Bahadur Shastri, Mahatma Gandhi and Sarvepalli Radhakrishnan. Marathi language day is celebrated every year on February 27.

At SIESGST, we believe in giving holistic all-round education to the students and our constitutional rights, values, duties and responsibilities is primary education given at the institute through various means.

Institute organizes MUN (Model United Nations) program, a two-day international relations conference for all the college students with the agenda to discuss the issues related to nuclear disarmament, preventing potential human rights infringements emerging with the technological developments in networking and communication, improving employment opportunities for refugees and displaced persons (DPs), implementation of uniform civil code across the country etc.

NSS unit of the institution conducts a cleanliness drive to mark the occasion of Swachh Bharat Abhiyan in the college campus as well as in the nearby village area and many skits and dance performances are presented in various events related to sensitization.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	No File Uploaded

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	No File Uploaded

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

SIESGST believes in inclusiveness. All the national and international events are celebrated with great zeal in the campus. The institution has an active student council and NSS wing. Members in NSS and Student Council take the lead to ensure that the events are celebrated in a smooth manner. The celebrations in the premises, propagate respect for all civilisations, feature representations of a variety of cultures.

Republic day celebrations began with the hoisting of the National flag and followed by cultural activities. Along with vocal music,

students also enacted a skit on Complete Independence. NSS unit organised the celebration of International Yoga Day in which expert Mrs. Saraswathi Sriram who is an expert in this field for nearly two decades enlightened the students and faculty members on the basics of Yoga and the benefits of practising Yoga regularly. Independence Day was celebrated by the NSS unit by enacting skits on organ donation, anti-ragging and Azadi ka Amrut Mahotsav after the hoisting of the flag.

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.

1. Student-Centric Skill Set Enhancement Programs

Student development programs/value-added courses in engineering play a vital role in fostering holistic growth and career readiness. These initiatives include technical workshops, internships, and skill-building activities to enhance practical knowledge and innovation. Leadership programs, hackathons, and industry collaborations help students tackle real-world challenges while improving teamwork and communication skills. Soft skills training, mentorship, and exposure to cutting-edge technology empower students to excel in diverse roles. Such programs bridge the gap between academic learning and industry expectations, preparing students for competitive global markets. By encouraging creativity, problem-solving, and adaptability, student development programs ensure the production of competent, future-ready engineers.

2. Effective Education Planning & Delivery with Faculty Handbook

A well-structured faculty handbook is essential for effective education planning and delivery. It serves as a comprehensive guide for educators, outlining institutional policies, teaching

methodologies, and assessment strategies. By standardizing procedures, the handbook ensures consistency in curriculum delivery and fosters clarity in expectations. It aids faculty in aligning lesson plans with learning objectives, incorporating innovative teaching tools, and maintaining academic standards. A robust handbook promotes collaboration, streamlines operations, and enhances the learning experience, ultimately contributing to the institution's goal of delivering quality education.

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

7.3 - Institutional Distinctiveness

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

1. Review of major project by external reviewer from Industry

The major project is a course offered in their final year Engineering, wherein students are expected to implement innovative solutions to real-world problems. The objective of the course is to enable students to analyze complex problems, model feasible and efficient solutions and use technical expertise, modern tools to implement and deploy ideas. This course helps students to work in a team, present and communicate their ideas and lifelong learning.

We have invited an external reviewer for project review in a semester before final project submission. This adds industry perspective. The valuable input from the reviewer helps students in formulation of solution in a better way. Two such reviews are conducted in a year to track the progress of project development. Students get benefitted in terms of technology stack to be used, how feasible is the solution in real world, and whether a particular solution is converged to a product. With this activity the quality of projects is increased and its impact can be seen in the increased participation of more no. of project teams in various project competitions and Research papers publication and. paper publication in reputed journals.

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

1. Organizing National Conference / Symposium:

The advent of Industry 4.0 has revolutionized the industrial landscape, introducing cutting-edge technologies like artificial intelligence (AI), the Internet of Things (IoT), blockchain, robotics, and big data analytics. Organizing a national conference on Industry 4.0 technologies offers a powerful platform for professionals, researchers, and academicians to publish and present their innovative work, driving collaboration and fostering progress.

The primary objective of the conference is to create a forum where stakeholders from diverse domains—industry, academia, and government—can converge to discuss, share, and explore advancements in Industry 4.0 technologies. By promoting the dissemination of knowledge and innovative practices, the event aims to accelerate technological growth, bridge the gap between theory and application, and inspire future developments.