YEARLY STATUS REPORT - 2023-2024

Part A	
Data of the Institution	
1.Name of the Institution	Shri Sant Gajanan Maharaj College of Engineering Shegaon
• Name of the Head of the institution	Dr Sunil Bhikamchand Somani
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	917020676616
• Mobile no	9422182216
• Registered e-mail	principal@ssgmce. ac.in
• Alternate e-mail	F_3121013@ssgmce.ac.in
• Address	SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING Khamgaon Road, SHEGAON
• City/Town	Shegaon
• State/UT	Maharashtra
• Pin Code	444203
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**Self-financing**	
• Name of the Affiliating University	**Sant Gadge Baba Amravati University, Amravati, Maharashtra**	
• Name of the IQAC Coordinator	**Dr Anjali .U.Jawadekar**	
• Phone No.	**917972249173**	
• Alternate phone No.	**9766824978**	
• Mobile	**9766824978**	
• IQAC e-mail address	**iqac@ssgmce.ac.in**	
• Alternate Email address	**F_3121039@ssgmce.ac.in**	

3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.ssgmce.ac.in/uploads/AQAR/AQAR__downlded_AAC_portal[540].pdf
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.ssgmce.ac.in/uploads/pdf/Academic%20Calendar%20(B.E.)%202023-24%20(23-2-24)%20(2).pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B+**	**78.25**	**2003**	**21/03/2003**	**21/03/2008**
Cycle 2	**B**	**2.81**	**2010**	**28/03/2010**	**28/03/2015**
Cycle 3	**A+**	**3.29**	**2024**	**20/12/2024**	**20/12/2029**

6.Date of Establishment of IQAC	**10/06/2003**

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
Prof. C. V. Patil & Prof. N. B. Borkar	RGST Project	SGBAU Amravati	2023-24	37000
Dr. N. H. Khandare	RGST Project	SGBAU Amravati	2023-24	30000

8.Whether composition of IQAC as per latest NAAC guidelines	Yes	
• Upload latest notification of formation of IQAC	View File	
9.No. of IQAC meetings held during the year	04	
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	Yes	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
• If yes, mention the amount		

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

Internet bandwidth upgradation from 600 Mbps to 1000 Mbps
Submission of Self study report to NAAC
Subscription of Coursera with 275 licenses
ISO 9001-2015 Certification
28 value added courses conducted for students along with 91 NPTEL courses. Total 1909 students completed the certification course Faculty publication - 124 3 Star ranking received by IIC

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
Submission of NAAC SSR	Nil
To enhance skill-based value-added courses that align with industry needs and placement requirements:	13 value-added courses conducted by the institute, focusing on employability skills
To increase the number of Intellectual Property Rights (IPR) filings	Total number of IPRs: 22
To increase the number of Seminars /workshops conducted by industry experts:	22 industry expert-led programs conducted
Upgrading Internet Bandwidth	Internet bandwidth upgraded from 600 Mbps to 1000 Mbps:
To increase the number of high-quality publications	124 - Quality Publication by faculty in reputed journals
To enhance linkages with industries and organizations that foster student development	15- active Memorandum of Understanding/ collaborations with renowned industries and organizations
To integrate smart boards into ICT-enabled classrooms	06 smartboards installed in Classrooms

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

- Name of the statutory body

Name	Date of meeting(s)
Governing Body	27/06/2024

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2024	15/02/2024

15.Multidisciplinary / interdisciplinary

In alignment with NEP 2020, SSGMCE has initiated significant multidisciplinary and interdisciplinary efforts, dedicated to providing a holistic education for its students. Affiliated with Sant Gadge Baba Amravati University, the institute follows a credit-based system and has integrated diverse courses into the curriculum, including power supply systems, disaster management, e-commerce, fiber optics and communication, entrepreneurship and project management, environmental studies, and the Indian Constitution. The institute actively promotes multidisciplinary projects, encouraging collaboration among students from different engineering branches. This approach fosters idea exchange, enhances learning, and simulates real-world environments where diverse teams work together. Regular workshops are organized to bring together faculty from various departments, inspiring new teaching methodologies and identifying interdisciplinary collaboration opportunities. Distinguished speakers from various fields are invited for guest lectures, offering students insights into how different disciplines intersect and contribute to societal progress. SSGMCE also provides guidance for students interested in career paths that require multidisciplinary expertise, offering advice on advanced studies, research, and emerging career fields.Additionally, extension lectures on topics like gender sensitization, women's safety, Yoga, Meditation are held. The institute is actively strategizing effective methods to advance multidisciplinary and interdisciplinary education, equipping students with essential skills needed for success in the 21st century.

16.Academic bank of credits (ABC):

The implementation of NEP 2020 introduces the Academic Bank of Credits (ABC) to enable flexible entry and exit points within academic programs. This innovative approach permits students to earn and save credits through national initiatives like Swayam and NPTEL. This leads to credit transfer and accumulation, which in turn supports students in successfully completing their educational journey. This initiative is designed to assist students in program completion across diverse courses, including distance learning. Shri Sant Gajanan Maharaj College of Engineering Shegaon is affiliated with SGBAU University and follows a university curriculum structured around a choice-based credit system. The institution is actively preparing for informative sessions regarding NEP 2020, with a

special focus on enlightening stakeholders about the Academic Bank of Credits

17.Skill development:

The institute has launched a variety of skill development initiatives aimed at enhancing students' capabilities across multiple domains. These initiatives include internships, industry-sponsored projects, industrial training, certification courses, and NSS extension activities. The NSS and NCC units collaborate to promote social responsibility and life skills among students. The annual "Social Gathering" serves as a platform for students to showcase their talents in singing, dancing, and acting. Academically, the institute organizes skill-focused workshops in collaboration with industry experts, providing students with hands-on experience and practical skills that align with industry needs. Specialized technical training programs in emerging fields like data science, artificial intelligence, and cybersecurity are also offered. These programs bridge the gap between academic learning and industry requirements. The institute offers a variety of certification courses in areas such as project management, programming languages, and design software, all of which help make students job-ready. Industry partnerships have expanded internship opportunities, giving students real-world exposure that complements their academic education. Recognizing the importance of communication, teamwork, and leadership, the institute provides soft skills training workshops to improve overall employability. Mock interview sessions and resume-building workshops are also organized to help students prepare for job selection processes and present themselves effectively to potential employers. Professional bodies, student chapters, and departmental associations host workshops led by experts from various sectors. These workshops not only set skill standards but also expose students to a wide range of topics, enriching their knowledge and career readiness.

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

The institute is wholeheartedly committed to effectively integrating the Indian Knowledge System (IKS). Its core values—trustworthiness, holistic development, accountability, creativity, and innovation—serve as guiding principles in promoting this integration. The institute has established an IKS Cell to facilitate this effort. As part of our cultural celebrations, the institute actively observes Ganesh Utsav, Gajanan Maharaj Pragat Din, Rishipanchami, and Ram Navmi. Each day at the institute begins with a prayer, followed by a meditation session, setting a positive tone

for the day. To nurture artistic pursuits, the institute has a dedicated music center where students are taught Indian classical music by a skilled instructor. Recognizing the diverse linguistic backgrounds of our students, the faculty employs a blend of English, Hindi, and Marathi in teaching to ensure effective communication and understanding. Embracing the linguistic diversity of our community, the institute publishes the "Tatwadarshi" magazine annually, with sections in Marathi, Hindi, and English. Both staff members and students are encouraged to contribute articles, short stories, poems, and interviews in all three languages. Additionally, various IKS-related activities are organized at the institute level to raise awareness among students.

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

At SSGMCE, a primary focus is placed on Outcome-Based Education (OBE), an approach designed to equip students with practical skills, knowledge, and competencies that meet real-world demands. By aligning our curriculum, teaching methods, and assessments with specific learning outcomes, we ensure our graduates are well-prepared to excel in their careers and make meaningful contributions to society. With OBE as a guiding principle, the emphasis shifts from merely delivering content to achieving measurable student outcomes. This includes clearly defining learning objectives for each course, mapping them to industry needs, and adopting instructional strategies that encourage active learning, critical thinking, and problem-solving. SSGMCE follows a structured framework consisting of Program Outcomes (PO), Program Specific Outcomes (PSO), and Program Educational Objectives (PEO) for all programs. These objectives are met through a comprehensive teaching-learning process, supported by various supplementary programs organized by the institute. Each course has well-defined Course Outcomes (CO), which are aligned with the POs and PSOs. The assessment tools are specifically designed to evaluate students' progress towards meeting these outcomes. To achieve POs and PSOs, various activities and programs are organized throughout the semester. At the end of each semester, departments conduct a thorough analysis of the attainment of CO, PO, and PSO.

20.Distance education/online education:

The institute strictly follows the guidelines set by our affiliating university, SGBAU, ensuring alignment with their academic standards. While all regular lectures and practical sessions are conducted in offline (physical) mode as per the prescribed curriculum, the institute also offers flexible distance learning options for students engaged in internships, field projects, or other external

commitments. These options allow students to continue their studies without compromising on their professional or project responsibilities. To facilitate distance learning, a range of technological tools are utilized, including online learning platforms, video conferencing, emails, discussion forums, and multimedia presentations. This comprehensive approach helps bridge the gap for students who may find it challenging to attend on-campus sessions due to work commitments or other personal constraints. Faculty members actively contribute to the online learning experience by creating instructional videos, which are uploaded on YouTube. Students are then provided with direct links to these videos, ensuring easy access to the learning content. In line with our focus on innovation and industry collaboration, the institute regularly organizes online guest lectures and webinars, hosted by experts from various sectors. These sessions offer valuable insights into current industry trends and emerging technologies, enhancing the learning experience for students. Additionally, the institute's library has adapted to the evolving educational landscape by supporting remote access to a wide array of resources. Students can access research papers, e-books, and journals online, ensuring they have access to essential academic materials regardless of their location. To support academic continuity, the institute makes effective use of ICT tools such as Google Drive, facilitating the seamless sharing of resources, assignments, and collaborative projects.

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**269**

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

2.Student

2.1 Number of students during the year	**1908**

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

2.2	**212**
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	**504**
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	**98**
Number of sanctioned posts during the year	

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

4.Institution

4.1	**33**
Total number of Classrooms and Seminar halls	

4.2	**670.14**
Total expenditure excluding salary during the year (INR in lakhs)	

4.3	**502**
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 institute is affiliated with Sant Gadge Baba Amravati University, Amravati. The Board of Studies (BOS) for Engineering and Management designs and develops the curriculum for the programs in accordance with AICTE/UGC guidelines. The institute ensures the effective delivery of this curriculum through transparent and systematic processes.

The institute strictly adheres to the university's academic calendar and follows it meticulously. Department Heads conduct regular meetings to allocate workloads, assign subjects, and plan departmental activities. The Dean of Academics reviews syllabus completion progress after each class test, ensuring timely coverage of course content. The Principal oversees the overall execution of the curriculum by holding meetings with Heads of Departments.

Each group of 20-25 students is assigned a mentor who regularly collects feedback from students and provides counseling to support their academic and personal growth.

The institute is equipped with adequate learning resources to support curriculum delivery, including textbooks, reference materials, digital resources, laboratory equipment, and technological tools.

Faculty maintain detailed records, including curriculum frameworks, lesson plans, assessments, and student outcomes. This documentation helps in evaluating the effectiveness of teaching strategies, identifying areas for improvement, and ensuring accountability.

The institution offers continuous professional development opportunities to faculty and staff, enhancing their instructional skills, knowledge of the curriculum, and the effective use of teaching methodologies. Additionally, feedback from students, teachers, industry professionals, alumni, and academic experts is regularly collected and used to make ongoing improvements to the academic processes.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://www.ssgmce.ac.in/uploads/pdf/Rev.%20Academic%20Planner%202023-24%20Ap-24S.pdf

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

Since the institute is affiliated with SGBAU, its academic calendar is aligned with the university's calendar. The preparation of this calendar typically begins several months before the start of the academic year. Key stakeholders, including the Principal, Dean of Academics, Dean of Examinations, Heads of Departments, IQAC team, and relevant committees, collaborate to outline important dates and events for the upcoming year.

Key dates and events to be included in the academic calendar are identified, such as student registration, class tests, project progress reviews, holidays, technical events, guest lectures, parent meetings, alumni gatherings, and co-curricular and extra-curricular activities, as well as other essential academic and administrative events.

Once the academic calendar is approved, it is published on website and communicated to all stakeholders via the institution's website and official channels, such as email. Faculty members and the administrative office then organize their activities, examinations, and other tasks according to these dates. Each department also prepares its own academic calendar in alignment with the institute's calendar. Faculty members develop lecture plans for their subjects to ensure alignment with the academic calendar.

At the end of each semester, the Dean of Academics prepares an academic calendar adherence report, including explanations for any deviations from the planned schedule.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://www.ssgmce.ac.in/uploads/pdf/Academic%20Calendar%20(B.E.)%202023-24%20(23-2-24)%20(2).pdf

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

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

1.2 - Academic Flexibility

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

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

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)

116

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
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

2980

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

1.3 - Curriculum Enrichment

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

Professional Ethics (PE):

Professional Ethics is integrated into the curriculum as a dedicated course. Industry experts, ethicists, and professionals are invited to deliver guest lectures and workshops on Professional Ethics, sharing practical insights and experiences related to ethical challenges in corporate fields. Students are made aware of codes of conduct set by professional engineering bodies like IEEE, IE, ISTE, ASME, and ACM. Moreover, students are encouraged to undergo internships, projects, or workshops that expose them to real-world ethical scenarios in engineering practise.

Human value:

The institute organizes events that showcase cultural diversity and address human values through the arts, music, drama, and literature. Codes of conduct that align with human values and ethical standards expected in the college community are shared with all stakeholders. The NSS unit organizes a variety of activities to inculcate social responsibility and life skills.

Gender:

Workshops and seminars on gender sensitization are organized.

Anti-harassment policies and mechanisms to report incidents are clearly communicated to students during student meetings.

International Women's Day is celebrated at the institute to raise awareness about gender issues and promote gender equality.

Students are encouraged to create art, videos, and media content that promotes gender equality.

A gender audit is conducted at the institute level.

Environment and Sustainability

The curriculum includes courses such as environmental studies, sustainable development, and resource management.

Eco-friendly practices, such as waste reduction, energy conservation, water management, and green infrastructure, are followed by the institute

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

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

06

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	**No File Uploaded**
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**
Institutional Data in Prescribed Format	View File

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

711

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

1.4 - Feedback System

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

File Description	Documents
URL for stakeholder feedback report	https://www.ssgmce.ac.in/uploads/NAAC/1.4.1_3_23_24_website_signed.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	No File Uploaded

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	No File Uploaded
URL for feedback report	https://www.ssgmce.ac.in/uploads/NAAC/1.4.1_3_23_24_website_signed.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

490

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

161

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

Institute has well defined policy to assesses the learning levels of the students

The department assigns mentors to student groups, responsible for monitoring their academic progress, attendance, and overall development.

Mentors identify slow learners by evaluating their performance in tests, oral exams, and university assessments.

The department organizes remedial classes to provide additional support.

Mentors communicate student performance to parents, ensuring transparent updates and involvement.

Teachers offer personalised attention to slow learners and provide study materials to aid their learning.

Students are encouraged to attend regular classes through counselling sessions.

Advanced learners are identified through outstanding performance in class tests and university exams. Course teachers also assess their participation in assignments, regular classes, and laboratory sessions.

Advanced learners are Encouraged to participate in workshops and conferences, to gain insights into the latest technological developments.

Students are Motivated to study recent trends in Engineering and technology, they are guided to present research papers in international conferences or publish them in prestigious National/International journals.

Advanced learners are motivated to work on industry-based projects, allowing them to apply their skills in real-world contexts.

They are encouraged to lead student associations, organizing events that showcase their leadership and organizational skills.

The institution acknowledges their excellence with cash prizes and scholarships, fostering a culture of achievement.

File Description	Documents
Paste link for additional information	https://ssgmce.ac.in/uploads/policies/7_Slow%20-Advanced%20-Learner-Policy-website-.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
1908	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

SSGMCE is committed to enriching students' learning experiences through innovative, student-centered approaches that build skills, knowledge, attitudes, and values. The institute has a well-defined student-centric learning policy to enhance students' learning. Departments actively encourage creativity and problem-solving through practical and interactive learning methods.

Experiential Learning: SSGMCE prioritizes hands-on experiences to bridge theory with real-world applications. Activities such as lab experiments, simulations, internships, and field visits provide practical industry exposure. Specialized centers like the Solar Research Centre, Electric Vehicle Lab, and FAB Lab prepare students with modern technical skills. Through internships and industry-integrated projects, students gain professional insight, while project expos and student chapters offer opportunities to showcase

their expertise.

Participative Learning: Emphasizing active engagement, SSGMCE fosters collaboration, communication, and problem-solving. Group projects, design competitions, hackathons, and interdisciplinary activities promote teamwork. Guest lectures, student presentations, and research publications encourage ownership of learning and self-directed growth, while MOOCs promote continuous improvement.

Problem-Solving Methodology: SSGMCE's problem-solving approach equips students to tackle engineering challenges. Project-Based Learning (PBL) emphasizes hands-on, team-oriented projects that encourage innovation. The institute's aptitude training sharpens cognitive and mathematical skills, while activities at the Innovation and Incubation Centre (IIC) foster creativity and entrepreneurial thinking, preparing students for future challenges in engineering and beyond.

File Description	Documents
Upload any additional information	[View File](View%20File)
Link for additional information	https://ssgmce.ac.in/uploads/policies/4_2.3.1%20Student-centric.pdf

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

Each department utilizes a variety of ICT-enabled tools to enhance the effectiveness of the teaching-learning process. Through multimedia presentations, educational websites, online simulations, and interactive software applications, faculty adapt to diverse learning styles and help students better grasp complex concepts. Digital assessments and online quizzes are conducted, providing immediate feedback and fostering continuous learning.

Faculty members use blogs to share relevant information, resources, assignments, and updates with students. Blogs serve as platforms for posting lecture notes, reading materials, multimedia content, and links to external resources, allowing students to access course content at their convenience.

PowerPoint presentations are widely used to deliver information

visually and systematically. PPTs incorporate text, images, graphs, charts, and multimedia elements to convey complex concepts clearly and engagingly. Faculty members also use YouTube to share video lectures and utilize platforms like Google Meet and Microsoft Teams to conduct online courses.

The institution places a strong emphasis on promoting digital learning among students through Massive Open Online Course (MOOC) platforms such as NPTEL, Coursera, and Udemy. Additionally, the institute encourages the use of Digital Library resources via DELNET to enhance students' access to valuable academic materials.

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

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

2.3.3.1 - Number of mentors

98

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

33

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

1272

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

2.5 - Evaluation Process and Reforms

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

curriculum designed by the BOS for Engineering and Management, adhering to AICTE and UGC guidelines.

The institute is committed to excellence and maintains a transparent, impartial evaluation system. The academic calendar is thoughtfully structured to guide students through the year, and each semester begins with students receiving detailed information about assessment methods. Student evaluation is based on two main components: Continuous Internal Assessment and the University Examination.

In theory courses, assessment totals 100 marks, with 80 marks from the university examination and 20 from internal assessments. Practical courses are assessed out of 50 marks, divided equally between internal continuous assessment and an external practical exam. Undergraduate projects are evaluated out of 150 marks, with a split between internal and external assessments, including a project viva. Seminar courses are assessed for 50 marks.

Internal assessment for theory courses consists of class tests and assignments, making up 20% of the final grade, while the university exam covers the entire syllabus and contributes the remaining 80%. Project progress is consistently monitored with rubrics shared with students in advance. Results are accessible on the SIS Portal, with provisions for corrections, and the complete evaluation scheme is available online and explained to first-year students during orientation.

External Assessment: Subject experts appointed by the university set and evaluate theory exam papers under the supervision of a subject chairman. For practical and project final exams, both internal and external examiners appointed by SGBAU assess students.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	[https://www.ssgmce.ac.in/uploads/Sessional%20Marks%20Evaluations%20scheme%20for%20UG-%20PG%20Session-2024-2025.pdf](#)

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

The institute has a clear examination policy and an Examination Grievance Cell to address student grievances at multiple levels:

Department Level: Faculty conduct continuous evaluations through lectures, labs, assignments, and class tests. Internal marks are posted on the SIS portal, and students are encouraged to discuss any concerns with faculty, the Head of Department (HOD), or the Dean of Exams. If grievances arise, students can submit a grievance form, which is reviewed by the committee. After evaluating the issues, the committee's decisions and any necessary corrections are communicated to the students. Additionally, class test answer sheets are shown to students to ensure transparency.

Institute Level: The Dean of Exams oversees the administration of Sant Gadge Baba Amravati University (SGBAU) exams within the institute. Exam-related issues are managed by the Officer In-Charge, often in coordination with a university-appointed officer. Grievances during online or theory exams are addressed through discussions with the Principal and escalated to the university examination section if needed.

University Level: Queries regarding university examinations and results are submitted to SGBAU's examination section via the college's examination department. If students are unsatisfied with the evaluation, they may request revaluation or recounting through the university.

This tiered grievance process ensures transparency, prompt resolution, and support for students at each level of examination oversight.

File Description	Documents
Any additional information	[View File]()
Link for additional information	https://ssgmce.ac.in/uploads/policies/5_Exam%20Policy-rev.pdf

2.6 - Student Performance and Learning Outcomes

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

Program Outcomes (POs) are referenced from the NBA Annexure-1, while each department develops its Program Specific Outcomes (PSOs) through thorough discussions and meetings.

The dissemination of POs and PSOs is facilitated through multiple channels:

College Website and Department Home Page: POs and PSOs are prominently displayed on the college website, department homepages, and the alumni portal.

Stakeholder Engagement: They are communicated to stakeholders via faculty meetings, alumni gatherings, parent meetings, and student induction programs.

Visual Displays: POs and PSOs are showcased in physical locations such as department entrances, the HOD's office, notice boards, staff rooms, and laboratories.

Course Outcomes (COs) are defined by the respective course faculty and finalized through departmental meetings, with each course encompassing 4 to 6 COs based on Bloom's Taxonomy levels. Faculty members present the COs to students in the classroom to ensure clarity and alignment with learning goals.

Documentation: COs are published in course files and on the official website for easy access.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.ssgmce.ac.in/uploads/ELECT_CO/CO_III%20SEMESTER%20BE_ELPO.pdf
Upload COs for all Programmes (exemplars from Glossary)	No File Uploaded

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

Course Outcomes (COs) define the knowledge and skills that students are expected to acquire by the end of a course. CO attainment is evaluated through both internal assessments and university exams. Internal assessments (20%) include unit tests, assignments, and practical work, while university exams (80%) contribute to the external evaluation. The achievement levels are quantified as follows:

- Level 1: More than 50% of students exceed target marks
- Level 2: More than 60% of students exceed target marks

- **Level 3: More than 70% of students exceed target marks**

Program Outcomes (POs) describe the skills, knowledge, and behaviors students are expected to acquire by the time they graduate.

Assessment of POs uses both direct and indirect methods. Direct assessment includes evaluating CO achievement, as well as student participation in seminars and projects. Mapping COs to POs and PSOs determines the percentage of attainment. Indirect assessment incorporates feedback from alumni, student exit surveys, and employer surveys. The weightage for assessment is as follows: 80% for direct assessment and 20% for indirect assessment.

In direct assessment, 80% of the weight is given to CO attainment through internal and university assessments. Indirect assessment (20%) is split equally between alumni, student exit, course exit, and employer surveys, each contributing 5%.

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

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

432

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://www.ssgmce.ac.in/uploads/pdf/annual-report-23-24.pdf_final-30_july_website.pdf

2.7 - Student Satisfaction Survey

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

https://www.ssgmce.ac.in/uploads/AQAR/Student%20Satisfaction%20Survey-SURVEY-AY-2023-24_website.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)

1.80

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

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

3.1.2.1 - Number of teachers recognized as research guides

11

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

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

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

02

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

3.2 - Innovation Ecosystem

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

To foster a culture of research and innovation, our institute has established a robust ecosystem supported by the Research and Development (R&D) Policy, the National Startup Policy 2019, and the Institute Innovation Council (IIC).

The R&D Policy nurtures research by encouraging doctoral programs, promoting collaborative efforts among students, alumni, faculty, and industry, and fostering a multidisciplinary approach to addressing complex problems. It emphasizes strategic research domains aligned with societal needs and supports project proposals, ensuring funding for cutting-edge innovations. To disseminate knowledge, the policy incentivizes scholarly publications and offers financial support for prototype development and research publications. Additionally, the institute extends consultancy services to external entities, facilitating knowledge exchange and collaboration.

Platforms like IIC, Entrepreneurship Cell (E-Cell), and

Entrepreneurship Development Cell (ED Cell) complement this framework by organizing awareness programs, seminars, and workshops. These initiatives cultivate innovative thinking and entrepreneurial spirit among students and faculty. Participation in hackathons and competitions is actively promoted, offering real-world problem-solving experiences that enhance skills and prepare participants for competitive global markets.

This integrated approach ensures that research and innovation are seamlessly woven into the academic fabric, empowering the institute to address societal challenges effectively and contribute meaningfully to technological and entrepreneurial advancements.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.ssgmce.ac.in/research_facility.php

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

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

27

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

3.3 - Research Publications and Awards

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

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

33

File Description	Documents
URL to the research page on HEI website	https://www.ssgmce.ac.in/Ph_D_Program.php
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

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

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

121

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

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

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

42

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

3.4 - Extension Activities

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

SSGMCE has been committed to instilling social awareness in students through both curriculum and extension activities. The institution organizes various initiatives such as blood donation camps,

educational awareness programs, and gender equality programs to raise awareness among the local inhabitants. The college effectively operates the National Service Scheme (NSS) and the National Cadet Corps (NCC) as part of these efforts. Through these units, the college undertakes diverse extension activities within the neighboring community, sensitizing students to pertinent social issues. For instance, the units organize clean-up events where students collaborate with community members to enhance the cleanliness of streets, and villages. Health and hygiene workshops are conducted in local schools and community centres, where students are educated about proper hand washing techniques, personal hygiene practices, and the significance of maintaining a balanced diet.

The seven days NSS camp (21st January 2024 to 27 January 2024) was held at Chincholi (Karsarma).The main objective of the camp was to evolve the volunteers as a human and as an agent of social change. Its thrust was on activities and lectures that help the volunteers to work for the community, in the community and with the community. Multifarious interactive sessions, workshops, demonstrations and lectures were held in order to educate the volunteers about certain social, physical, psychological and political phenomena. Each day began with various interactive sessions, guest lectures as well as field work.

File Description	Documents
Paste link for additional information	https://www.ssgmce.ac.in/NSS/reports/NSS%20Camp%20Report%202024.pdf
Upload any additional information	View File

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

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

04

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

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

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

29

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

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

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

1837

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

3.5 - Collaboration

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

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

116

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

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

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

11

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The institute's extensive 82-acre campus strictly adheres to the land and building space regulations set by AICTE and SGBAU for Technical Institutions. Within this vast area, it houses 27 ICT enabled classrooms with six classrooms with smart boards and a drawing hall, all of which are well-furnished and well-ventilated, offering comfortable seating and appropriate lighting. These spaces

are fully equipped with audio-visual aids, including projectors and sound systems, to elevate the learning experience. Furthermore, there are 50 laboratories, each furnished with state-of-the-art tools that allow for hands-on learning and align with AICTE norms. These labs not only cater to practical classes but also extend beyond the curriculum, providing training in technology and holding sufficient licensed software and open-source tools. The institute also houses University-approved research labs for various engineering disciplines and an additional research centre, fostering research activities among both staff and students. The institute features various specialized research facilities, such as the Solar Production Centre, Cadence Centre, Electric Vehicle Lab, FAB Lab, PLC Automation Lab, and the Dr. Georg H Endress Laboratory.

Institute includes 6 seminar halls, functioning as spaces for hosting guest lectures, seminars, and workshops. The institute also offers multimedia and video centers to support multimedia-based learning. Its library houses an extensive collection of books, journals, and digital resources, complemented by dependable high-speed internet connectivity. The campus is Wi-Fi enabled, ensuring an internet speed of 1000 MBPS, secured through Palo Alto PA820 firewalls

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.ssgmce.ac.in/page_details.php?page_id=96&department_id=6

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

Beyond technical education, the institution takes immense pride in providing a comprehensive range of facilities that nurture holistic student development. For cultural expression, the institute annually hosts "Culfest," an Annual Social Gathering where students can showcase their talents in singing, dancing, and acting. To support such events, the institution boasts an ultramodern auditorium seating 1200, complemented by a dedicated music room equipped with various instruments. Acknowledging the importance of physical fitness and recreation, the institution provides an extensive spectrum of sporting facilities, including indoor and outdoor

spaces. Notable features include a 500-capacity indoor badminton stadium, a modern multi-gym health centre, and rooms for chess and carrom. Outdoor facilities encompass volleyball courts, a Kabaddi ground, lawn tennis courts, a Khokho field, football and handball grounds, a cemented basketball court, a 400-meter running track, a ball badminton ground, and a international standard cricket ground with 5 turf wickets.

Emphasizing safety, comprehensive CCTV surveillance is in place to ensure the well-being of students and staff. The campus also includes a serene yoga and meditation centre, fostering inner well-being and mindfulness.

Health and safety are paramount, evidenced by medical facilities, first aid kits, and RO water purifiers. Accommodation-wise, the institution provides 5 boys' hostels, 3 girls' hostels, and staff residential facilities, ensuring 24/7 security and maintenance. The campus also offers a clean canteen, mess, and a variety of nutritious meals. Additional amenities include a Student Cooperative consumer store, an on-campus ATM, and a power house ensuring continuous power supply.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.ssgmce.ac.in/sport.php

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

27

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

99.87

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

4.2 - Library as a Learning Resource

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

Operated through the SLIM27 software, the library is fully automated, managing Acquisition, Cataloguing, Circulation, and Serial Control. This system handles various materials, including books, e-books, articles, and reports, aiding in generating reports, updating policies, and tracking item status. The library holds an impressive collection of over 91,534 text and reference books across 29,945 unique titles. Additionally, it provides access to 1,934 print periodicals, 1,907 online e-journals, and 3 non-technical journals, covering a wide array of subjects. The Online Public Access Catalogue (OPAC) simplifies the process of discovering resources. Notably, the library has made substantial investments, amounting to ?3,54,268 in periodicals and ?11,19,150 for online journal access.

Catering primarily to exam preparations such as GATE, TOEFL, GRE, and CAT, the library seamlessly merges both online and offline services. It utilizes Barcode Technology and provides Plagiarism Checker software. The library provides space for 100 students in the Periodicals Section and 200 in the Reference Section, with 21 computer terminals and 2 printers available. Reprographic services are accessible at nominal rates. On a daily basis, the Issue Counter caters to 75 to 100 students, while the Reference/Reading Section accommodates 100 to 150 students.

The library's services are enhanced by round-the-clock internet, intranet, and Wi-Fi connectivity. Its collection of journals covers

various subjects such as Digital Signal Processing, Power System Engineering, Cloud Computing, Image Processing, and Pattern Recognition. Online subscriptions include resources like Science Direct, IET, ASME, Periodicals Package 2022, and 1907 journals on Engineering, including the Computer Science Collection.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://www.ssgmce.ac.in/central_library.php

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)

29.918

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

224

File Description	Documents
Any additional information	No File Uploaded
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 boasts a robust IT setup adhering to AICTE and University norms. The labs are equipped with updated computers, and a specialized language lab supports the enhancement of communication skills. Anchoring a variety of services, the central Data Centre spans an area of 165 square feet and serves as the hosting ground for SAP ERP servers for both SSGM Sansthan and SSGMCE.

This comprehensive facility includes 24/7 internet and intranet accessibility, hosting multiple websites such as www.ssgmce.ac.in, www.ssgmce.org, www.ssgmcealumni.com, and www.sgst.solar. Alongside mail services (mail.ssgmce.ac.in), Wi-Fi, and fibre ring network connectivity within the college campus, the infrastructure is reinforced by a stringent security structure. It comprises automated FM 200 fire suppression systems and high-resolution CCTV camera monitoring. Moreover, it employs a three-layer secure entry system facilitated by RFID access control cards.

The Data Center at SSGMCE is equipped with a high-speed internet connection of 1000 Mbps, facilitated through dedicated leased lines. To fortify this service and ensure uninterrupted access, the institution has implemented a redundant network infrastructure, utilizing multiple connections from diverse Internet Service Providers (ISPs). This strategic redundancy is put in place to maintain seamless operations and achieve a 100% uptime for internet accessibility.

The connectivity details include two significant providers: VODAFONE (OFC) and RAILTEL (OFC), both offering a speed of 500 MBPS

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ssgmce.ac.in/uploads/policies/20_ICT%20Policy.pdf

4.3.2 - Number of Computers

502

File Description	Documents
Upload any additional information	View File
List of Computers	No File Uploaded

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

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

4.4 - Maintenance of Campus Infrastructure

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

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

325.12

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

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

The college utilizes the infrastructure facilities effectively and optimally like Class rooms and laboratories are used to conduct regular academic theory, practical, research work, remedial classes, various trainings & value-added courses. Each laboratory has in charge, assistant and attendant and all the laboratory activities & maintenance are carried out in coordination with lab staffs. Institute has central state-of-the-art library. Library remains in night hours and on holidays during exam period.

All the indoor and outdoor sports activities and its maintenance are managed by Sport Director and his team. Institute forms the Sport Council for the smooth conduction of sports events throughout the year.

The institute has a grid connected roof-top solar power with a capacity of 310 kW, which ensures uninterrupted power supply at the campus. Electrical and Solar Power Plant Maintenance is carried out by its in-charge and team. The EPABX In-charge oversees maintenance of these services.

A computer maintenance section headed by maintenance Engineer and his team takes care for the maintenance of computer and other related equipment of the institute. The other networking, internet and server management is carried out by Data Center (DC) headed by in-charge and his team.

A full-fledged building and construction (B&C) department is headed by In-charge to oversee the maintenance and construction of the entire institute which periodically maintains and ensures the civil facilities always in working condition. It takes care of civil services of all physical facilities like staff quarters, hostels, academic, administrative and sports buildings, etc.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://ssgmce.ac.in/uploads/policies/15_Maintenance%20Policy.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

1320

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	**No File Uploaded**
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

1497

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	Nil
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

302

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

1762

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

5.1.5 - The Institution has a transparent mechanism for timely redressal of student

A. All of the above

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

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

306

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

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

5.2.2.1 - Number of outgoing student progression to higher education

18

File Description	Documents
Upload supporting data for student/alumni	[View File](#)
Any additional information	**No File Uploaded**
Details of student progression to higher education	[View File](#)

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

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

15

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

5.3 - Student Participation and Activities

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

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

15

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

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

The Institute fosters a vibrant student community by actively involving students in diverse committees and organizations. Central to this engagement is the Student Council, a dedicated group that represents and addresses student concerns. Comprising representatives from various aspects of campus life—including academics, professional bodies, and cultural groups—the Council ensures that the student voice is not only heard but valued.

Students are also integral to the Internal Quality Assurance (IQA) Cell, providing feedback that helps enhance institutional operations. Their involvement in professional bodies and student chapters enables them to organize and participate in technical events, enriching the academic experience on campus.

The college magazine, Tatwadarshi, is another area where student contributions shine. Nominated representatives play a key role in curating and publishing content, fostering creativity and collaboration. The Cultural Committee, led by dedicated student volunteers, coordinates an array of events and functions, adding to the vibrancy of campus life.

In addition, students play active roles in the National Service Scheme (NSS), NCC, and the Sports Committee, where they contribute to social causes and organize athletic events. They are also involved in essential committees, such as those addressing anti-ragging, anti-sexual harassment, and grievance redressal, ensuring a safe and supportive campus environment.

By promoting active student participation in these diverse roles, the Institute cultivates a collaborative atmosphere, empowering

students to contribute meaningfully to decision-making and fostering a culture of continuous improvement.

File Description	Documents
Paste link for additional information	https://gdg-nine.vercel.app/
Upload any additional information	View File

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

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

28

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

5.4 - Alumni Engagement

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

SSGMCE takes pride in its vibrant and registered Alumni Association (Reg. No. F_10852, Buldhana), led by a dedicated governing body. The association's mission is to foster unity and camaraderie among alumni, creating a close-knit network of graduates connected by shared experiences at the college.

Beyond social connections, the Alumni Association serves as a powerful platform for professional networking and career growth,

offering opportunities for alumni to collaborate and support each other. Through events and initiatives, the association raises funds to fuel the college's growth and development, keeping alumni informed and engaged with current and future institutional plans.

Celebrating alumni achievements is central to the association's mission, with recognition initiatives that inspire and acknowledge outstanding success. The association also facilitates valuable interactions between alumni and current students through mentorship programs and industry exposure, helping students learn from alumni experiences.

Moreover, the Alumni Association encourages philanthropy, enabling alumni to give back through their time, expertise, and resources, supporting both the institution and current students. By providing a platform for alumni to share their knowledge and skills, the association enriches the academic community.

With an annual Alumni Meet and a dedicated alumni portal, the association actively engages with approximately 12,000 graduates, ensuring a lasting bond between the college and its alumni.

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

5.4.2 - Alumni contribution during the year (INR in Lakhs) — A. ? 5Lakhs

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

The governance structure of SSGMCE stands as a shining example of effective leadership, attuned to the institution's visionary aspirations and core mission. The leadership embodies strategic foresight, ethical values, and a strong commitment to bettering

global society through education. In the decision-making structure of our organization, leaders exhibit a remarkable understanding of the institution's vision, which serves as a guiding star for all efforts. They translate this vision into actionable strategies that steer the institution toward its long-term goals. The apex authority, represented by the Board of Governors, issues directives to ensure the successful execution of the institution's academic and administrative endeavors. The College Development Committee, Internal Quality Assurance Cell establishes a comprehensive framework encompassing policies, structures, relationships, systems, and processes that facilitate the seamless operation of the institute. . Faculty members actively participate in various institutional committees and professional bodies and contribute indecision making to achieve goals set as per the perspective plan.

The outcomes of proficient leadership have led to the continual provision of quality education, which is apparent from the acknowledgments received from Accreditation Bodies like NBA and NAAC.

A strategic plan is developed, aligning resources, objectives, and initiatives to enhance educational quality, foster innovation, strengthen industry partnerships, and promote holistic student development in line with the institution's vision and mission while taking into account the principles outlined in the National Education Policy (NEP) 2020, ensuring a progressive and transformative educational journey

File Description	Documents
Paste link for additional information	https://www.ssgmce.ac.in/Vision_Mission_Core_Values_Goals.php
Upload any additional information	View File

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

The Institute exemplifies effective leadership through decentralized and participative management practices, empowering members at all levels to actively contribute to its growth and development.

1. Departmental Autonomy: Departments operate autonomously, allowing heads to manage curriculum implementation, faculty assignments, research, and budgets, enabling quick adaptation

to academic needs.

2. **Participative Decision-Making:** Faculty, staff, and students engage in decision-making through committees at various levels, ensuring that diverse perspectives shape institutional policies.

3. **Student Representation in Governance:** The Student Council and student members on key committees like the IQA Cell and Grievance Redressal Committee provide a platform for students to voice concerns, making them active stakeholders in policy formulation.

4. **Faculty Involvement in Strategic Planning:** Faculty members contribute to strategic planning discussions, ensuring that institutional goals align with academic and industry trends.

5. **Alumni and Industry Engagement:** Alumni and industry experts participate in advisory boards and mentorship, enhancing the curriculum's relevance and supporting career development.

6. **Financial Decentralization:** Departments receive budget allocations to manage their expenses, fostering accountability and flexibility in resource management.

7. **Cross-Functional Committees:** Committees like the Research and Cultural Committees bring together members from different departments to collaborate on institutional initiatives, reinforcing a culture of inclusivity and shared responsibility.

File Description	Documents
Paste link for additional information	https://www.ssgmce.ac.in/organizational_structure.php
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institution's Strategic/Perspective Plan serves as a comprehensive roadmap for growth, aligning with its mission to deliver educational excellence. This plan outlines short- and long-term goals, guiding continuous improvement and fostering an environment of innovation.

Key Areas of Strategic Plan Deployment

1. **Curriculum Development:** The institution regularly updates its curriculum to reflect industry trends and regulatory standards, ensuring students receive relevant and advanced knowledge through workshops, faculty development, and industry collaboration.
2. **Research and Development:** Emphasizing research, the institution provides funding, faculty incentives, and conference support, resulting in increased publications, patents, and industry-linked projects.
3. **Student Development:** Initiatives focus on enhancing employability through industry-certified training, career counseling, and soft skills workshops, significantly boosting job readiness and placement outcomes.
4. **Infrastructure and Facilities:** The plan supports academic and extracurricular activities with ongoing investments in infrastructure, modern labs, advanced IT, and well-maintained facilities, creating an ideal learning environment.
5. **Faculty Empowerment:** Regular training and conference support empower faculty to stay updated with advanced teaching methods and technical skills.
6. **Community Engagement:** Through NSS and similar initiatives, students participate in social responsibility projects, fostering civic engagement and environmental awareness.

The plan's effective deployment, through action plans and regular reviews, ensures sustained progress, establishing the institution as a center of educational excellence and positive community impact.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	https://ssgmce.ac.in/uploads/Strategic%20Plan%20with%20sign%2023-28.pdf
Upload any additional information	**No File Uploaded**

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

The institution ensures effective and efficient functioning of its organizational bodies through a well-structured framework that encompasses clear policies, a streamlined administrative setup,

transparent appointment and service rules, and systematic procedures.

Key Aspects of Institutional Functioning

The institution's effective functioning is ensured through a comprehensive framework of policies, administrative structures, and transparent procedures.

1. Comprehensive Policies: Clear policies govern academic, administrative, and operational areas, promoting consistency and transparency. These guidelines cover everything from curriculum management to faculty appraisals and student support, allowing smooth implementation across activities.
2. Structured Administrative Setup: A well-defined organizational hierarchy, from the governing body to departmental heads, ensures clear roles, efficient communication, and accountability, which enhances operational effectiveness.
3. Transparent Appointment and Service Rules: Recruitment and service rules are merit-based and transparent, attracting and retaining top talent. Documented and regularly updated service rules address employment aspects, including promotions, benefits, and professional growth.
4. Systematic Procedures and SOPs: Standard Operating Procedures (SOPs) are in place for all major activities, from admissions to examinations and grievance redressal, ensuring operational consistency and adherence to institutional policies.
5. Continuous Monitoring and Evaluation: Regular audits, feedback, and reviews allow the institution to assess its practices, identify gaps, and make improvements.
6. Grievance and Compliance Committees: Active committees, including grievance redressal, anti-ragging, and disciplinary bodies, work to maintain a safe, supportive campus.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	https://www.ssgmce.ac.in/organizational_structure.php
Upload any additional information	View File

6.2.3 - Implementation of e-governance in | A. All of the above

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

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

6.3 - Faculty Empowerment Strategies

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

The institution boasts a robust framework of welfare measures, benefiting both teaching and non-teaching staff. This encompasses financial security provisions, including the Employee's Provident Scheme and Gratuity, ensuring a secure future for employees. Additionally, Group Insurance coverage is extended to provide essential financial support during unfortunate events. Staff members enjoy the privilege of Medical and Maternity Leave, catering to their health and family needs, while Earned Leave promotes a healthy work-life balance.

The institution values and incentivizes research contributions, offering rewards for research publications. It further provides accessible healthcare through a campus dispensary and extends financial services through the Credit Cooperative Society and Consumers' Store. In emergencies, a Free Ambulance Service is readily available. Special considerations for leave requests in genuine cases and incentives for exceptional work underscore the institution's unwavering commitment to staff welfare. It also supports affordable education for employees' children through free or partially paid admissions with convenient monthly salary deductions. During times of family tragedy, Class Four employees receive valuable Financial Assistance.

Faculty members receive strong support for their professional development, including academic or special leave for FDPs, workshops, seminars, and more. The college covers registration fees and provides travel allowances (TA/DA). Special leave is also

granted for Ph.D. pursuits.

File Description	Documents
Paste link for additional information	**Nil**
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

50

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

02

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	**No File Uploaded**
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

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

83

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

The institution employs a Faculty Performance Appraisal and Development System similar to UGC's Academic Performance Index (API) to assess faculty performance annually. The system encourages faculty, promoting professional growth and knowledge.

The appraisal process considers four key aspects: teaching,

learning, and evaluation performance against workload; involvement in co-curricular, extension, and professional development activities; engagement in research, publications, and academic contributions; and official conduct, along with relevant awards or activities.

Faculty members submit 360 Appraisal Forms to Heads of Department (HODs). HODs assess these and prepare Teaching Learning Process Evaluation Sheets. These, along with Appraisal Forms, go to the principal. The principal evaluates the Annual Confidential Report (ACR) and claimed API scores with evidence. The ACR is submitted to the Managing Director for remarks, The ACR, along with remarks, is then sent back to the Principal and Registrar for further required actions

The performance appraisal system for non-teaching staff is conducted based on observed parameters, including sincerity, obedience, attitude towards colleagues, and technical competence for roles such as laboratory assistants. Annual increments are granted according to the outcomes of these evaluations.

File Description	Documents
Paste link for additional information	https://ssgmce.ac.in/uploads/policies/19_Performance%20appraisal.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

SSGMCE appointed Shri Bhandari, a Chartered Accountant, as an auditor. He conducts audits twice in one financial year. The audit conducted by Shri Bhandari , encompasses a comprehensive review of various financial aspects of SSGMCE. This includes examining the accuracy and completeness of vouchers, ledgers, bank accounts, cash books, and other financial records. As part of the audit process, the auditor ensures that the institute's financial operations comply with relevant laws, regulations, and accounting standards. This involves verifying adherence to applicable taxation rules, financial reporting requirements, and any other legal obligations. The auditor thoroughly examines the reconciliation of tuition fees collected from students. This involves cross-checking the fee receipts,

records of student enrolments, and any adjustments or refunds made.

The auditor reviews the institute's fixed assets, such as buildings, equipment, and infrastructure, to verify their existence, valuation, and appropriate recording in the financial statements. Shri Bhandari meticulously examines the income and expenditure statements to assess the financial performance of the institute. This involves verifying the accuracy of revenue recognition, proper classification of expenses, and analysing financial ratios and key performance indicators to evaluate the institute's financial health. The auditor conducts a thorough review of the balance sheet, checking the accuracy and completeness of assets, liabilities, and equity. Following the audit, the auditor prepares a comprehensive audit report that includes findings, observations, and recommendations for improvement

File Description	Documents
Paste link for additional information	https://www.ssgmce.ac.in/uploads/pdf/BALANCE%20SHEET%202023-24.pdf
Upload any additional information	No File Uploaded

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)

9.98

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

The institution employs a comprehensive strategy for fund

mobilization and optimal resource utilization to support academic excellence and sustainable growth. By diversifying funding sources and enhancing resource management, it strengthens financial health and achieves educational objectives.

1. Government Grants and Schemes: The institution secures grants from agencies like UGC, AICTE, and DST for infrastructure, research, and capacity-building initiatives.
2. Industry Collaborations: Partnerships with industry provide sponsorships for research, training, and lab development, ensuring academic relevance and financial support.
3. Alumni Contributions: The alumni association facilitates donations and sponsorships from alumni, funding scholarships, facilities, and development programs.
4. Consultancy Services: Faculty expertise in research and training generates revenue through consultancy, benefiting both faculty development and institutional funds.
5. Endowment Funds: Donations from philanthropic organizations contribute to endowment funds, providing financial stability for scholarships and awards.
6. Internal Revenue Generation: Self-financed courses and campus facilities contribute to revenue, supporting additional financial resources.
7. Efficient Resource Utilization: Systematic budgeting and annual audits ensure effective resource allocation, maximizing the impact of funds while minimizing waste.

m

File Description	Documents
Paste link for additional information	https://www.ssgmce.ac.in/uploads/pdf/BALANCE%20SHEET%202023-24.pdf
Upload any additional information	No File Uploaded

6.5 - Internal Quality Assurance System

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

The Internal Quality Assurance Cell (IQAC) at SSGMCE has significantly contributed to institutionalizing quality assurance strategies, driving the institution toward becoming a center of excellence in Engineering and Management education.

IQAC has spearheaded the implementation of NEP 2020, promoting multidisciplinary learning, flexible curricula, and value-based education for holistic development. It has enhanced curriculum relevance by introducing outcome-based education and industry-certified courses like CAD design, ensuring alignment with industry trends. To improve placement quality, IQAC established career readiness initiatives, including mock interviews and training programs, achieving 80% placements for eligible students.

A robust stakeholder-centric feedback system gathers inputs from students, alumni, parents, and industry partners, enabling strategic improvements. Faculty and staff development is emphasized, with 90% participation in FDP/STTP programs and skill-enhancement workshops for non-teaching staff. Research excellence is encouraged through industry collaborations, increasing publications, and promoting NPTEL/SWAYAM certifications.

Alumni engagement initiatives, such as guest lectures and mentorship programs, strengthen ties and foster innovation. ICT-enabled teaching-learning practices and global-standard assessments enhance academic delivery. Regular academic and administrative audits ensure readiness for NAAC, NBA, and other accreditations. Holistic development is supported through yoga, meditation sessions, and capacity-building workshops, reflecting IQAC's commitment to fostering quality and excellence institution-wide.

File Description	Documents
Paste link for additional information	https://www.ssgmce.ac.in/policies_procedure.php
Upload any additional information	View File

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

The institution is committed to continuous enhancement of its teaching-learning processes, structures, and methodologies, ensuring alignment with academic goals and improved learning outcomes. This is systematically managed through periodic reviews by the Internal Quality Assurance Cell which operates as per established norms to maintain educational quality and promote excellence.

Key Aspects of Teaching-Learning Review and Improvement

1. **Structured Reviews by IQAC:** The IQAC conducts regular assessments of teaching-learning practices, curriculum delivery, and pedagogical methods. Feedback from students, faculty, and industry experts is collected and analyzed to identify areas for improvement.

2. **Data-Driven Decision Making:** IQAC leverages data from internal audits, performance metrics, and learning outcome assessments to make informed decisions on revising teaching methodologies and enhancing academic programs.

3. **Innovative Pedagogical Methods:** As a result of IQAC's feedback-driven reviews, innovative teaching strategies such as flipped classrooms, blended learning, and experiential learning activities are introduced. Faculty members receive training to effectively adopt these practices, enhancing student engagement and learning outcomes.

4. **Focus on Learning Outcomes:** IQAC regularly monitors student performance on key learning outcomes, such as subject mastery, critical thinking, and employability skills..

5. **Incremental Improvements:** Based on IQAC recommendations, departments make incremental improvements, such as incorporating advanced technologies, updating curriculum, or enhancing lab resources. These efforts contribute to a continuously evolving and responsive academic environment.

6. **Comprehensive Documentation and Review:** All changes and improvements recommended by the IQAC are documented, reviewed periodically, and aligned with institutional goals. This systematic documentation supports accountability and ensures sustained quality improvements.

File Description	Documents
Paste link for additional information	**Nil**
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	A. All of the above

Certification, NBA)

File Description	Documents
Paste web link of Annual reports of Institution	https://www.ssgmce.ac.in/uploads/pdf/annual-report-23-24.pdf_final-30_july_website.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The institution is committed to promoting gender equity by fostering a balanced, inclusive, and supportive campus environment. Through comprehensive policies, awareness programs, and a supportive infrastructure, it ensures that all students and staff feel respected and empowered.

1. Gender Sensitization Programs: Regular programs led by experts raise awareness on gender equality and help reduce unconscious biases, fostering inclusivity among students and staff.
2. Anti-Discrimination Policies: With a zero-tolerance approach to gender-based discrimination, the institution implements clear policies and reporting mechanisms to maintain a safe and supportive campus environment, communicated widely to all members.
3. Women Development Cell: This cell organizes events, support groups, and mentorship for female students and staff, creating a space for dialogue, confidence-building, and addressing gender-related grievances in coordination with the anti-harassment committee.
4. Safe Campus Initiatives: Campus safety is reinforced through surveillance, adequate lighting, and separate hostel facilities with round-the-clock security and emergency support for female students.
5. Counseling and Support: Confidential counseling services address gender-related challenges for students and staff,

6. **Leadership Opportunities:** Equal participation is encouraged in student councils, committees, and projects, promoting gender-balanced leadership.
7. **Observing Key Days:** Events on days like International Women's Day celebrate achievements and promote gender-sensitive attitudes.

These initiatives collectively build a respectful and equitable campus environment that upholds gender equity.

File Description	Documents
Annual gender sensitization action plan	https://www.ssgmce.ac.in/uploads/AQAR/Anuual %20Gender_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://www.ssgmce.ac.in/uploads/AQAR/AQAR20 24/7.1.1_AQAR_23_24_inst.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	**A. 4 or All of the above**

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

The institution has implemented a structured process for collecting, treating, and disposing of solid waste.

Biodegradable Waste Management:

The college, featuring hostel facilities and extensive landscaped

gardens, generates a substantial amount of biodegradable waste. To efficiently address this waste stream, a Bio composting unit has been installed in the parent organization. The resulting compost serves as a valuable fertilizer feedstock for the college's own garden. Kitchen waste and leftover food undergo biodegradation, transforming into compost via this eco-friendly process, with the plant located at Anand Sagar within the parent organization.

Liquid Waste Management:

Being a residential college where a large number of students and staff reside within the campus, there is a substantial need for water during operational and site activities. However, this also results in the production of a significant amount of sewage water.

The college has implemented a sewage treatment plant with a capacity of 200 m3/day. The treated water is utilized for gardening purposes.

E-waste Management:

To ensure responsible e-waste management, the institution has designated storage areas where e-waste is assessed for potential exchange or disposal at minimal cost. The institute has an, agreement with M/s Suritex Pvt Ltd, Nagpur, for the collection, transportation, and recycling of E-waste.

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

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

File Description	Documents
Geo tagged photographs / videos of the facilities	<u>View File</u>
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**	**A. Any 4 or All of the above**

File Description	Documents
Geo tagged photos / videos of the facilities	<u>View File</u>
Various policy documents / decisions circulated for implementation	<u>View File</u>
Any other relevant documents	**No File Uploaded**

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

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

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

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

B. Any 3 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	No File Uploaded
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 motto "Sarve Bhavantu Sukhinah" (Let all be happy) of the parent organization, Shri Gajanan Maharaj Sansthan, embodies the ideology of nurturing tolerance and harmony towards cultural, regional, linguistic, communal, socioeconomic, and other diversities. This has led to well-thought-out and organized initiatives by the

institution. Cultural festivals and holidays from various traditions are celebrated, encouraging students to share their customs and creating a sense of belonging for everyone.

The institution has student-led support groups for various communities, offering a safe space for students to discuss their unique challenges and experiences. These initiatives collectively contribute to creating an inclusive environment where every member of our institution feels valued, respected, and welcome.

Here are some of the initiatives we have undertaken:

1. The institution organizes regular cultural exchange events and programs where students from diverse backgrounds can showcase their traditions, art, and cuisine, promoting cultural understanding and appreciation.
2. The institution offers support for students from different language backgrounds to help them learn and communicate effectively, ensuring that everyone has equal opportunities for success.
3. The institution has student-led clubs and societies that focus on inclusivity, celebrating diversity, and promoting social cohesion.
4. The institution actively engages in community service and outreach programs to bridge gaps and build strong relationships with diverse communities.

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	No File Uploaded

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

SSGMCE has implemented several initiatives to sensitize students and employees about constitutional obligations and promote awareness of values, rights, duties, and responsibilities.

Awareness programs were organized, including workshops and seminars on constitutional values, fundamental rights, and duties. Legal

professionals and human rights activists were invited for insightful talks. Additionally, awareness campaigns addressed themes like gender equality, environmental protection, and secularism.

National days were celebrated with activities emphasizing constitutional values. On Constitution Day (November 26), the Preamble was read, and its importance was discussed. Republic Day and Independence Day events included debates, skits, and essay competitions highlighting national values. Voter awareness drives, in collaboration with the Election Commission, encouraged participation in elections

The curriculum incorporated value education courses on ethics, national integration, and constitutional responsibilities. Guest lectures further emphasized the relevance of constitutional values in daily life.

Community engagement efforts included cleanliness drives under Swachh Bharat Abhiyan and volunteering in health camps , blood donation camp, tree plantation drive and rural development projects. Civic engagement activities such as road safety campaigns promoted adherence to laws.

Art and media were leveraged to foster awareness, with poster competitions on constitutional themes providing a creative platform for students. Through these efforts, SSGMCE has fostered a deep understanding of constitutional responsibilities among its stakeholders.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://www.ssgmce.ac.in/uploads/AQAR/AQAR2024/7.19_AQAR_23_24_inst.pdf
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional | C. Any 2 of the above

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	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

Independence Day: Celebrated on August 15th to commemorate India's independence from British rule, with flag hoisting, cultural performances, and speeches highlighting the importance of freedom.

Republic Day: Observed on January 26th to honor the adoption of the Indian Constitution, featuring parades, patriotic songs, and discussions on constitutional values.

National Science Day: Marked on February 28th to honor Sir C.V. Raman's Nobel Prize-winning discovery. Events such as science exhibitions, seminars, and quizzes are organized to encourage scientific curiosity and innovation.

Holi: Celebrated as the Festival of Colors, bringing students and staff together to play with colored powders and water, symbolizing the triumph of good over evil and fostering community spirit.

International Yoga Day: Observed on June 21st to promote the physical, mental, and spiritual benefits of yoga, with yoga sessions conducted across the campus.

International Women's Day: Celebrated on March 8th to recognize and appreciate the achievements and contributions of women in various fields through talks, workshops, and felicitations.

World Environment Day: Observed on June 5th to raise awareness about

environmental issues. Activities like tree plantations, cleanliness drives, and seminars on sustainability are conducted.

Teacher's Day: Celebrated on September 5th to honor educators for their invaluable contributions, with events that include cultural programs and felicitation ceremonies.

Engineer's Day: Marked to honor the contributions of engineers to society. Events like technical seminars, workshops, and exhibitions are held to inspire innovation among engineering students.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Financial Support to Students

SSGMCE's financial support initiative ensures inclusivity by addressing economic challenges faced by students. Merit scholarships, funded by donor contributions, are awarded to those achieving over 65% in university exams, while hostel and mess fee waivers assist financially constrained students. GATE-qualified candidates and industry-driven projects are incentivized, promoting skill development.

This support has significantly improved retention rates, enabled students to excel in academics and extracurricular activities, and increased participation in competitive events. Many beneficiaries have secured prestigious placements, showcasing the program's impact.

Industry-Academia Synergy

SSGMCE emphasizes Industry-Academia Synergy to bridge the gap between education and industry demands. The institution collaborates with industry partners to establish state-of-the-art labs and facilities, providing students with hands-on experience using cutting-edge equipment. Structured internships, industry-driven projects, and guest lectures offer students real-world exposure, enhancing their employability and professional skills.

The IQAC cell, comprising seasoned industry experts, ensures curriculum alignment with current trends and skill requirements. Industry-funded labs and equipment enrich learning experiences, while events like Academia-Industry Meets foster knowledge exchange and partnerships. Alumni networks play a pivotal role in facilitating internships, placements, and mentorship, further strengthening the institute's connection to industry.

Students actively participate in hackathons, research projects, and technical competitions, leading to tangible outcomes such as publications, placements in reputed firms, and entrepreneurial ventures. Faculty members engage in industry training, ensuring their teaching aligns with evolving industry practices.

File Description	Documents
Best practices in the Institutional website	https://www.ssgmce.ac.in/uploads/IQAC_BestPractices.pdf
Any other relevant information	https://www.ssgmce.ac.in/uploads/AQAR/AQAR2024/7.2.1_AQAR_23_24_inst.pdf

7.3 - Institutional Distinctiveness

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

Education in an Environment of Spiritual Foundation - Institutional Distinctiveness

Shri Sant Gajanan Maharaj College of Engineering, Shegaon, inherits its spiritual ambiance from its parent organization, "Shri Gajanan Maharaj Sansthan," whose motto is "Sarve Bhavantu Sukhinah" (Let All Be Happy). This ethos reflects in the college's vision of integrating science and spirituality for holistic development. Over

the years, the college has fostered a spiritually enriched environment through various initiatives.

Every campus building is named after saints, and daily prayers in hostel prayer halls are conducted by students voluntarily. The day begins with a serene environment of Shehnai music, followed by the National Anthem, a global prayer, and a 10-minute meditation session. Spiritual events, including Shri Gajanan Maharaj Pragat Din and Samadhi Din, Swami Vivekananda Jayanti, and other religious days, are celebrated, fostering a collective spiritual ethos.

The campus promotes vegetarianism, spiritual discourses, yoga, and meditation while maintaining discipline, silence, and harmony. Spiritual literature is made accessible in the library, and students participate in selfless service during community events. This environment instills emotional and spiritual strength, reflected in student achievements, societal contributions, and recruiters' feedback. Visitors consistently praise the campus's serene and spiritually uplifting culture, distinguishing the institution as a holistic and value-based center of excellence.

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File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

NAAC Accreditation

NBA Accreditation

Attaining Autonomy

Enhancement in research paper Publication

Introducing new courses in emerging trends

Introducing Professor of Practice in every department

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