



## **YEARLY STATUS REPORT - 2022-2023**

### **Part A**

#### **Data of the Institution**

<b>1.Name of the Institution</b>		GOKHALE EDUCATION SOCIETY'S R. H. SAPAT COLLEGE OF ENGINEERING, MANAGEMENT STUDIES AND RESEARCH, NASHIK.
• Name of the Head of the institution		Prafulla Chintaman Kulkarni
• Designation		Principal
• Does the institution function from its own campus?		Yes
• Phone no./Alternate phone no.		02532311842
• Mobile no		9850962732
• Registered e-mail		principal@ges-coengg.org
• Alternate e-mail		prafulla_kulkarni1@hotmail.com
• Address		Gokhale Education Society's R. H. Sapat College of Engineering, Nashik Prin. T. A. Kulkarni Vidyanagar,
• City/Town		Nashik
• State/UT		Maharashtra
• Pin Code		422005
<b>2.Institutional status</b>		
• Affiliated /Constituent		Affiliated
• Type of Institution		Co-education

• Location	<b>Urban</b>				
• Financial Status	<b>Self-financing</b>				
• Name of the Affiliating University	<b>Savitribai Phule Pune University</b>				
• Name of the IQAC Coordinator	<b>Dipak Vitthalrao Patil</b>				
• Phone No.	<b>9970510532</b>				
• Alternate phone No.					
• Mobile	<b>9970510532</b>				
• IQAC e-mail address	<b>dipak.patil@ges-coengg.org</b>				
• Alternate Email address	<b>dipakvpatil17@gmail.com</b>				
<b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="https://ges-coengg.org/wp-content/uploads/2023/05/AQAR-A.Y.-2021-22.pdf">https://ges-coengg.org/wp-content/uploads/2023/05/AQAR-A.Y.-2021-22.pdf</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	<b>Yes</b>				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://ges-coengg.org/academic-calendar/">https://ges-coengg.org/academic-calendar/</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>B++</b>	<b>2.94</b>	<b>2019</b>	<b>01/05/2019</b>	<b>30/04/2024</b>
<b>6.Date of Establishment of IQAC</b>	<b>15/09/2018</b>				
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
<b>N.A.</b>	<b>N.A</b>	<b>N.A.</b>	<b>N.A.</b>	<b>N.A</b>	
<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>	<b>Yes</b>				

<ul style="list-style-type: none"> <li>• Upload latest notification of formation of IQAC</li> </ul>	<a href="#">View File</a>	
<b>9.No. of IQAC meetings held during the year</b>	<b>02</b>	
<ul style="list-style-type: none"> <li>• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	<b>Yes</b>	
<ul style="list-style-type: none"> <li>• If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded	
<b>10.Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	<b>No</b>	
<ul style="list-style-type: none"> <li>• If yes, mention the amount</li> </ul>		
<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
<p>1. The academic results were reviewed and action plan was devised for improvements in the next academic results. 2. The placement activity was reviewed and subsequent plan for execution of various technical, soft skill, and aptitude training programs was designed. 3. Feedback from the stakeholders i.e. Students, Alumni, Employer were collected and appropriate action plan was devised. 4. Guidance sessions were organized in collaboration with different departments of the College on Research projects, funds, Publications and Research. Staff members were motivated to attend workshops/STTPs on research funding, etc. 5. Series of webinars were organized for students in collaboration with different departments of College to sensitize the students towards skill enhancements, philosophical aspects, curricular aspects and environmental aspects.</p>		
<b>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</b>		

Plan of Action	Achievements/Outcomes
Planning for academic activities and action plan for academic improvements.	Academic improvements achieved in terms of improving teaching learning process and improved results.
Planning for quality improvement using industry institute interaction.	Training programs were conducted by ZENSAR and Aptitech.
Planning for student's internship programs.	Students were supported to get internships and internships completed successfully for maximum third year students.
Perspective plan for the development of institute with quality initiatives.	ISO audit and Academic audit was conducted.
Planning Placement Related activities.	Training programs were conducted on aptitude, soft skill and technical training, resulting in improved placement.
Planning for faculty development initiative.	Staff members were motivated to attend various training courses and faculty development programs.

<b>13. Whether the AQAR was placed before statutory body?</b>	<b>Yes</b>
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- Name of the statutory body

Name	Date of meeting(s)
College Development Committee	01/09/2023

**14. Whether institutional data submitted to AISHE**

Year	Date of Submission
2020-2021	09/01/2023

**15. Multidisciplinary / interdisciplinary**

At R. H. Sapat College of Engineering we are allowing and motivating the students for interdisciplinary projects. Our students from Electrical, Electronics, Mechanical and Computer Engineering have jointly developed electric two wheeler and got award for innovation at national level. The university has started new interdisciplinary courses that integrate many departments in addition to the inter/multidisciplinary research and academics that are already in place in light of the NEP. Courses in the multidisciplinary and interdisciplinary fields have been added as electives to academic programmes. Every programme is created to give students as much freedom as possible when selecting electives from other Departments. The University is aggressively working to put the NEP's recommendations into practice, and R H Sapat College of Engineering at Gokhale Education Society is doing so vigorously.

#### **16.Academic bank of credits (ABC):**

Gokhale Education Society's R H Sapat College of Engineering, Management Studies and Research is a Savitribai Phule Pune University affiliate. Regular programmes are being offered by the institute, and the curriculum's courses are being taught. The institute has begun the registration procedure for students in 2022 while implementing the instructions set by the affiliated university under the direction of the Academic Bank of Credits.

#### **17.Skill development:**

At every stage of a student's academic career, the R. H. Sapat College of Engineering, Management Studies and Research at GES engages in improvement initiatives to raise the calibre and skill of the learners.

##### **Activities for students:**

- Technical skill development: Seminars, workshops, and corporate training on current trends (ZENSAR Employability Skill Development Program).
- Presentation of a group paper while participating in technical events, competitions, conferences, etc.
- Mini-projects: developing and implementing software, participating in project competitions like I-Rise, working on consulting projects, and putting academic papers into practice. Encouragement and direction for placement tasks.
- Promotion of professional certificates, access to resources, industrial training, industrial visits, and promotion of higher education.
- Management and leadership training through student chapters of

organisations like ISHRAE, CSI, and IPA.

- Activities for Slow Learners under the Startup and Innovation cell guidance.
- Additional classes/revision classes in addition to practical sessions query database using social media to coach students and parents on mock oral/practical exams.

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

We have created some videos on technical topics in marathi. The link for sample video is <https://youtu.be/7H4vnFkLviw>.

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

Outcome-based education (OBE) is deployed in all of the R. H. Sapat College of Engineering's programmes while keeping in mind both local and international standards. Program outcomes, programme specific results, and course outcomes are all explicitly articulated by the Institute's implementation of outcome-based education. Each course is designed to help students develop their cognitive skills in the areas of Remembering, Understanding, Applying, Analyzing, Evaluating, and Creating. Along with domain-specific skills, learning outcomes at all levels guarantee social responsiveness, ethics, and entrepreneurial abilities so that students can actively contribute to the economic, environmental, and social well-being of the country while upholding the spirit of NEP.

#### 20.Distance education/online education:

Educational institutions in the nation have used digital platforms to engage students, hold conferences, seminars, and other events during the pandemic. Aside from the drawbacks associated with the absence of face-to-face instruction, online learning has eliminated distance-based barriers to contact between professionals and students. The opening of educational institutions following the epidemic provided the path for the adoption of a hybrid educational model that combines online and offline resources. This might be viewed as the new norm that is also anticipated in the New Education Policy. Teachers and students will no longer face restrictions on accessing online resources as a result of the experience learned during the Covid-19 closure period. Many activities of the google developer's club of R H Sapat College of Engineering are in online mode reaching almost 1000 plus participants.

### Extended Profile

#### 1.Programme

1.1	405
Number of courses offered by the institution across all programs during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>2.Student</b>	
2.1	2155
Number of students during the year	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
2.2	395
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
2.3	561
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>3.Academic</b>	
3.1	101
Number of full time teachers during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
3.2	115
Number of sanctioned posts during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

<b>4.Institution</b>	
4.1  Total number of Classrooms and Seminar halls	<b>29</b>
4.2  Total expenditure excluding salary during the year (INR in lakhs)	<b>208.5</b>
4.3  Total number of computers on campus for academic purposes	<b>664</b>

## 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

Institute is affiliated with Savitribai Phule Pune University. The Institute follows the curriculum and Academic calendar of the University. The Department AC. follows the Institute AC. The Institution ensures effective curriculum delivery through a well planned and documented academic policy. "The Academic Process Manual" is a documented academic policy document, which is followed by all the departments. ISO audit is conducted every semester. IQAC also plans and monitors effective curriculum delivery. Department-wise class timetables, individual timetables, and Lab timetables are prepared. For each course, the teaching plan is prepared. Faculty maintains course files. The Lab Manuals, e-material like PowerPoint presentations and e-notes are prepared by the concerned staff-members. The academic performance of students is continuously monitored by class tests, assignments, and oral evaluations. CO-PO-PSO mapping is computed by each staff member for the respective subjects. Feedback like Course Exit Survey and Teachers performance is taken from students. It is analyzed and corrective actions are taken accordingly. The effective implementation of the curriculum is ensured by additional expert lectures, mini projects, in-house, and industry supported projects, industry visits, internships, hands-on sessions, tutorials, case



studies, e-learning, NPTEL lectures, assignments, internal tests, etc. along with Internships, projects, undergraduate research, independent study courses, online courses etc.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://ges-coengg.org/wp-content/uploads/2023/12/1.1.1-UFF.pdf">https://ges-coengg.org/wp-content/uploads/2023/12/1.1.1-UFF.pdf</a>

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

The Institute adheres to the academic calendar of SPPU. The academic calendar is prepared for the institute in line with the university before the commencement of the semester. 1. Departmental academic calendar is prepared before the commencement of the semester. The calendar outlines the schedule for semester classwork, class test, in-semester examinations, external examinations, university online schedules, the conclusion of theory, practical, teamwork, and extracurricular and co-curricular activities. 2. The faculty members prepare the teaching plan according to the academic calendar. The teaching plan presents the topics to be covered lecture-wise. 3. A practical continuous assessment system is implemented. The assessment is done continuously. The syllabus coverage report is compiled monthly for theory and practical. If needed corrective efforts for compensating the losses are made. 4. The performance of the students is also assessed on a continuous basis by conducting unit tests (Departmentwise) and in-semester examinations. (question papers provided by the university and evaluated by internal staff) according to the academic calendar. 5. The continuous assessment of projects is done by the committee. The students meet the guide and the diary is maintained. 6. Mock tests are conducted as part of Continuous Internal Evaluation.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://ges-coengg.org/wp-content/uploads/2023/12/1.1.2-UFF.pdf">https://ges-coengg.org/wp-content/uploads/2023/12/1.1.2-UFF.pdf</a>

1.1.3 - Teachers of the Institution participate in

B. Any 3 of the above

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

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## **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	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### **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)**

**28**

File Description	Documents
Any additional information	<b>No File Uploaded</b>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

### 1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

**301**

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

## 1.3 - Curriculum Enrichment

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

To integrate the cross-cutting issues, the university has provided diverse courses in the curriculum. 1. Professional Ethics: The courses like "Humanity and social science" and "Code of conduct" are compulsory subjects in the curriculum. The objective of these courses is to promote ethics, honesty, and professionalism among students. Along with idea of IPR among the students. The audit courses like "Professional Ethics and Etiquettes". To follow professional ethics, project reports and seminar reports are checked for plagiarism. 2. Human Values: To integrate value education and professional life, College celebrates Republic day, Women's Day, Independence Day, Teacher's Day, International Yoga Day, etc. Youth engagement awareness programs regarding HIV and Covid 19, Tobacco prevention and addiction, Ganesh Murthi Idol collection, Scribe for blind people, Vaccination camp for covid -19, RTPCR camp for Covid-19 were conducted by the enthusiastic NSS team. Apart from these 21 days, induction program is being carried out for the first-year students to promote the importance of human values. 3. Gender Sensitivity: Gender sensitivity and gender sensitization is accomplished through the a Women Grievance Cell and Grievance Redressal Cell in institute.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

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

**99**

File Description	Documents
Any additional information	<b>No File Uploaded</b>
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	<a href="#">View File</a>
Institutional Data in Prescribed Format	<a href="#">View File</a>

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

**2070**

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

## **1.4 - Feedback System**

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

**A. All of the above**

<b>Teachers Employers Alumni</b>	
File Description	Documents
URL for stakeholder feedback report	<a href="https://ges-coengg.org/feedback-system/">https://ges-coengg.org/feedback-system/</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>1.4.2 - Feedback process of the Institution may be classified as follows</b>	
<b>A. Feedback collected, analyzed and action taken and feedback available on website</b>	
File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://ges-coengg.org/feedback-system/">https://ges-coengg.org/feedback-system/</a>
<b>TEACHING-LEARNING AND EVALUATION</b>	
<b>2.1 - Student Enrollment and Profile</b>	
<b>2.1.1 - Enrolment Number Number of students admitted during the year</b>	
<b>2.1.1.1 - Number of students admitted during the year</b>	
<b>671</b>	
File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>
<b>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)</b>	
<b>2.1.2.1 - Number of actual students admitted from the reserved categories during the year</b>	
<b>489</b>	

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 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

At every level of academic journey of students, institute exerts enhancement activities to improve the student's skill and quality. To identify the students as advanced learner or slow learner, performance in various examinations, as well as performance in practical and lecture sessions is used. Activities for Advanced learners: Technical skill Development: Workshop/Seminar/ on recent trends, corporate training (ZENSAR Employability Skill Development Program) Participation in Technical Events/ Competitions/Conferences/ Group Paper presentation, Mini-projects: Design and implementing applications, Project competition like I-Rise, Involvement in consultancy projects, implementing research papers Motivation and guidance for Placement activities. Encouragement to professional certifications, Industrial training, Industrial visits, Encouragement to Higher studies, Access to resources. Managerial and leadership Development with Students' Chapters like ISHRAE, CSI, IPA, Guidance under Startup and innovation cell.

Activities for Slow learners: Extra lectures/Revision Lectures extra practical sessions Question bank Mock oral/practical examination counseling of students and parents using social Media. Counseling, Personal attention toward slow learners in the teaching process.

Case studies: It was found during academics, that second-year computer, electrical and E&TC engineering students were facing problems in performing programming assignments. To overcome this problem, sessions on embedded C and python programming languages were arranged; special provisions of soft skills training. Specially developed question banks and assignments are made available to slow learners.

File Description	Documents
Paste link for additional information	<a href="https://drive.google.com/file/d/190Jli8Fxmkn_t1cOlrrh66GUqYheRsCyG/view?usp=sharing">https://drive.google.com/file/d/190Jli8Fxmkn_t1cOlrrh66GUqYheRsCyG/view?usp=sharing</a>
Upload any additional information	<a href="#">View File</a>

### 2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
2155	101

File Description	Documents
Any additional information	<a href="#">View File</a>

### 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

Students earn knowledge through both personal and environmental interactions is experiential learning. In Participatory learning, learners use their own experience and skills in solving problems.

**Experiential learning:** Learning through Advanced simulation tools: Students are provided with different design problems. Automation studio, Net simulator, Hyper-works, Auto-cad, PLC, and SCADA tools are used for solving different design problems. State of Art facilities: NVIDIA CUDA teaching Centre, ANSYS MAXWELL software for 2D and 3D low-frequency electric field simulation for the design of electromagnetic and electromechanical devices, dSPACE offers a comprehensive toolchain for virtual validation, rapid control prototyping, ECU auto coding, and hardware-in-the-loop (HIL) simulation. Internship Programs: Computer Engineering and MCA students attend internship Programs. Students are assigned industrial problems to solve. The students are trained on the required technology. M.C.A students are involved in this program in last semester. Students from other departments attend industrial training. Learning through consultancy work: Students help faculties in consultancy work. Participative Learning, Collaborative Learning, and Problem Solving Methodologies: Group Discussion and Debates, Field visits and Excursion Industry problems and Mini Projects. The problems are obtained from industries or our staff

members define the problem statement and are solved by the students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://ges-coengg.org/wp-content/uploads/2023/10/2.3.1-INDEX-WEBSITE-UF.pdf">https://ges-coengg.org/wp-content/uploads/2023/10/2.3.1-INDEX-WEBSITE-UF.pdf</a>

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

The institute provides digital infrastructure and training to faculty for effective usage. All teachers use ICT facilities for teaching, learning and evaluation for effective teaching-learning process. Teachers regularly use Google class room, institutional email facility and WhatsApp Groups for effective communication regarding scheduled lectures, various online activities and study material. Google calendar is used that provides alerts on scheduled events. Google drive is used for study material sharing. During the pandemic situation maximum ICT tools were used to make teaching-learning process more effective. The staff members have used presentation software like M.S. PowerPoint or WPS. Google Meet facility with cameras is used for delivering online lectures and even practical or project-progress presentations, the traditional whiteboard, along Jam board facility in Google Meet are used for online illustrations. For performing practicals online, especially for programming practicals Virtual Lab is used. Online GDB for database-related practical. For microprocessor practical compiler.io is used. The teachers have recorded lectures using OBS or G-meet and uploaded on YouTube and Google classrooms, for revision or to clear doubts. First Year Engineering staff members use Moodle a open source learning platform as CMS and for conducting exams effectively. Plagiarism Checker urkund checks originality of student's papers.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View File</a>

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**

**101**

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

## **2.4 - Teacher Profile and Quality**

### **2.4.1 - Number of full time teachers against sanctioned posts during the year**

**101**

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

### **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**

**23**

File Description	Documents
Any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

### **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

891

File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

#### 2.5 - Evaluation Process and Reforms

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

The Institute follows SPPU University's guidelines for internal assessment. Internal evaluation Term Work for Practical: Internalassessment in college is transparent. Assessment is done in front of students for every practice on a regular basis; an experiment-wiserecord of marks is maintained in the practical assessment report. Each experiment is assessed for 10 Marks in which distribution ofmarks is Attendance (3 Marks), Performance of Practical (4 Marks), and Journal completion and writing (3 Marks).

Project Work The project's continuous assessment diary is maintained. The Marks rubric is provided. The project progress assessment is done frequently by the concerned project guide and one staff member as a reviewer, corrections or suggestions, Seminar assessment is done on a similar basis. Transparency is maintained while giving marks to students.

Internal Assessment Class Tests After the test, the answer papers are evaluated. The assessed/corrected answer sheets of internal tests are shown to the students, and their performance is discussed by the concerned faculty member. Grievances if any are solved in the classroom. Internal assessment for PG Courses 50 Marks. In Semester Internal assessments for PG course are based on at least two written tests, assignments, and seminar presentations.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://drive.google.com/file/d/1oIqfJvfvisWgg0nRKcbiYvrXoZXbTdvs/view">https://drive.google.com/file/d/1oIqfJvfvisWgg0nRKcbiYvrXoZXbTdvs/view</a>

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

Considering that the students are the foremost stakeholders in every educational institution, a mechanism is defined at our institute. Incase of internal examinations or institute-level assessment-related grievances, the internal examination grievance committee of the concerned department takes care of it. Senior staff members of the department along with the CEO are usually appointed as members of the grievance committee. The subject teacher distributes the answer sheets to the students. Students can review their performance on the answer sheets, and grievance if any is solved by the teacher. If the grievance is not solved at the teacher's level, the student can raise the grievance to the internal examination grievance committee of the concerned department. Whenever the grievance is referred related to the internal evaluation, the Head of the Department along with the committee reviews the answer sheet and if any discrepancy is found, instructs another subject expert/concerned staff member to re-assess the answer sheet. Generally, this process is completed in an 8 to 10 days maximum time period. Students' term work is assessed in front of them and evaluation is done according to their performance. If the grievance is related to internal assessment, the committee checks the maintained CAS record and even shown to the student and thus committee tries to resolve the grievance. Thus the internal examination-related grievances are solved in time bound manner with transparency and efficiency.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://ges-coengg.org/wp-content/uploads/2023/12/2.5.2-UF.pdf">https://ges-coengg.org/wp-content/uploads/2023/12/2.5.2-UF.pdf</a>

## 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 Specific Outcomes (PSOs):** PSOs are statements that explain what the graduates of a particular engineering program should be able to do.

**The Course Outcomes (COs):** They are the resulting knowledge skills the student acquires at the end of a course. It defines the cognitive processes a course provides.

**Program Outcomes (POs):** Represent the knowledge, skills and attitudes the student should have at the end of a four year engineering program in India. Program specific outcomes (PSO) for every program along with course outcomes for every course are identified (using University syllabus). In addition outcomes defined according to input from stakeholders. PSO and COs are made available to the students at the beginning of the semester. COs are also available in the syllabus. These are also published on the website of the college. Institute assists the teachers to achieve these by proper support systems. Course outcomes are communicated to students during lecture hours and in laboratories by each subject teacher. Discussions on PSOs and COs are done in departmental meetings. POs, PSOs and COs are mandatory part of course file prepared by course teacher.

Program specific outcomes and course outcomes for all programs offered by the institution are displayed and disseminated through:  
1. College website 2. HOD Cabins 3. Notice Boards of the department 4. Department Laboratories.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://ges-coengg.org/program-outcomes/">https://ges-coengg.org/program-outcomes/</a>
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

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

The course outcomes for every course are available in the University syllabus. Attainment level is measured in terms of the actual percentage of students getting a set percentage of marks. Target & Attainment Levels Direct attainment targets are set for internal exams and external exams as per weightage. For unit tests and In semester examinations the target is 12, For assignments and PBL the target is 7, and for external examinations, it is 28. For the

indirect attainment course, an exit survey is taken. Attainment level for theory subject is calculated as per logic below  
 Attainment Level 1: 50% to 60% of students score more than the target  
 Attainment Level 2: >60% to 70% of students score more than the target  
 Attainment Level 3: >70% onwards students scoring more than the target  
 For the laboratory also internal and external evaluation is done. Term work marks are allotted based on the Continuous assessment sheet. For direct attainment every assignment is evaluated out of 10 and attainment of every assignment is calculated as per the logic above.

The Course Outcome attainment is  $0.3 * \text{Internal attainment (direct)} + 0.6 * \text{external attainment (direct)} + 0.1 * \text{Course exit survey (indirect)}$ .

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://ges-coengg.org/program-outcomes/">https://ges-coengg.org/program-outcomes/</a>

### 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

602

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://ges-coengg.org/wp-content/uploads/2022/12/Annual-Report-2022-23.pdf">https://ges-coengg.org/wp-content/uploads/2022/12/Annual-Report-2022-23.pdf</a>

### 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://ges-coengg.org/wp-content/uploads/2023/02/SSS\\_2021-22-1.pdf](https://ges-coengg.org/wp-content/uploads/2023/02/SSS_2021-22-1.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)

2

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

#### 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

4

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

#### 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

1

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="https://bcud.unipune.ac.in/Template Aspire/">https://bcud.unipune.ac.in/Template Aspire/</a>

### 3.2 - Innovation Ecosystem

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

Institute supports excellent ecosystem for innovations through:-  
**Innovation and Incubation Cell:** Under the guidelines Pune University, The institute has an "Innovation and Incubation Cell". Some startups have been mentored in previous years and full-time jobs have been created by those incubated companies. The projects in 'Irise", Project competition held by institute are evaluated by the industry experts and good ideas are recommended for incubation/startups. One of the group got first prize in Smart India Hackathon worth Rs. 3Lakh and further the project resulted in a start-up  
**Human Resources:** To mentor and channel the young brains, the institute recruits vibrant and highly skilled instructors and also motivates them for completion of PhD and participating in various skill-building initiatives.  
**Research Infrastructure:** The College maintains a Research Cell that encourages faculty and students to prepare research projects and submit them to various funding agencies. It has various tools like FFT analyzer, Automation Studio, ANSYS MAXCEL,  
**Collaborations:** Some Industries have signed MOUs with the college to encourage real-time project development. It also helps students for an 8-10 week internship.  
**Center of Excellence:** Our center of Excellence on NVIDIA CUDA, Automation Studio, and NETSIM has helped student's to develop innovative projects in various domains.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

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

2

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 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

2

File Description	Documents
URL to the research page on HEI website	<a href="https://ges-coengg.org/research-panorama/">https://ges-coengg.org/research-panorama/</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 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

29

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>



### 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

02

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 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

The institute has organized a number of important outreach schemes in a year marked by a strong dedication to community involvement and education for all. Students took part in programs like the National Service Scheme (NSS), the Student Welfare Department (SWD), and the Women Empowerment Cell that not only helped them grow as people but also tried to make society a better place.

Students took part in an online quiz competition all year long about AIDS awareness put on by the Maharashtra State AIDS Control Society (MSACS, INDIA).

The NSS cell also held a Youth Awareness AIDS Awareness Program parade that went to important sites and stressed how important it is for everyone to know about AIDS.

The kids also learned about civic duty and road safety through hands-on activities like a trip to the Traffic Road Park in NASHIK.

Current issues were discussed by experts, like "Mighty Millets and 3A" and "Sustainable menstrual methods" at a Women's Day gathering. This made students and staff more aware of important problems facing society.

Mr. C.D. Barde won an award for his active participation in the AIDS awareness gathering, and the Maharashtra State AIDS Control Society gave Rs. 4100/- to the NSS department in honor of the institute's important work. R. H. Sapat College of Engineering, Management

Studies and Research, Nashik is deeply committed to student growth and community involvement, and it works hard to make its students socially responsible and well-rounded

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

### 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

2

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

### 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

3

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

### 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**

30

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

### 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**

429

File Description	Documents
e-copies of related Document	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

**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**

18

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

## 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.

- On the campus are the Main Building, Central Workshop, Library, and Boys and Girls Hostels.
- There are 24 UG classrooms, 6 tutorial rooms, and 6 PG classrooms at the institute.
- During the teaching-learning process, a LAN/Wi-Fi network is used in conjunction with stylish furniture and instructional tools like LCDs and projectors.
- In addition to a research lab, a computer center, and a language lab, the institute contains 42 labs overall.
- Every department has a computer lab furnished with cutting-edge, specialized software.
- The facility has a sizable workshop with areas dedicated to fitting, welding, and carpentry as well as a machine shop that includes CNC mills and turners.
- The institute offers four seminar halls where workshops, seminars, and webinars can be hosted.
- With OPAC library software, our library boasts a spacious and friendly atmosphere.
- E-journals and e-resources are easily accessible through the digital library.
- Four IBM servers and 660 high-end computing machines are available to us.
- Every PC is connected to the internet via a LAN.
- A hardware firewall guards the network, which is managed via switches. The institute provides access to various e-resources via a 120 Mbps internet leased line (ILL).

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://ges-coengg.org/wp-content/uploads/2023/11/4.1.1.pdf">https://ges-coengg.org/wp-content/uploads/2023/11/4.1.1.pdf</a>

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

- In addition to first-rate teaching and learning resources, the institute offers recreational opportunities, a gymnasium, sports, and cultural activities that help students become flexible and align with the institution's purpose of "developing the holistic personality of the learners."
- Exercises including walking, jogging, running, and yoga poses are among the many forms of physical activity that are done here.
- Other forms of physical activity include those that are done indoors, outdoors, and for health reasons.
- Students practice for these competitions on campus in conveniently located sports facilities, in addition to participating in intercollegiate and interuniversity competitions.
- Athletic events, intercollege competitions, technical events including "Robo-Race," "Gesttronica," "ELECTRO-SPARK," and "ASHWAMECH," and more are held at these venues.
- Students honor holidays like Teachers' Day, Guru Purnima Day, Engineers' Day, and Women's Day by holding lectures and cultural events.
- Members of the student government organize "Resonance," an annual social gathering that features activities including a cultural night, an art gallery, a Rangoli, the giving of prizes, sporting events, and more.
- First-year (UG) students are required to take physical fitness assessments in accordance with university regulations.
- Many associations, like "E-CELL," "Google Developers Students Club," "MLSC," "Cyber Security Awareness," and many others, have been founded by students for technical activities.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://ges-coengg.org/wp-content/uploads/2023/11/4.1.2.pdf">https://ges-coengg.org/wp-content/uploads/2023/11/4.1.2.pdf</a>

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

16

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://ges-coengg.org/wp-content/uploads/2022/12/geo-tagged-ICTclass-hall.docx.pdf">https://ges-coengg.org/wp-content/uploads/2022/12/geo-tagged-ICTclass-hall.docx.pdf</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 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)

20.2

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

#### 4.2 - Library as a Learning Resource

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

R. H. Sapat college of Engineering Management Studies & Research has ample collection of Books, National and International Journals, Project, Dissertations, Audio-Video Material and E-resources. Library is partially automated using commercial software Soul 2.0 (Software for University Libraries 2.0) from 2013 onwards. Library collection and member status can be browsed/ searched on intranet using SOUL 2.0 OPAC and also user can access to library collection through WebOpac from anywhere.

<http://219.91.189.90/webopac/home.html> .The library maintains a separate Special Reference collection consisting of Encyclopedias, Dictionaries, Projects, Dissertation, and Handbooks as well as Competitive exam books. Books are classified using Dewey Decimal Classification Scheme.

#### Initiatives Taken By Library to Achieve Its Objectives:.

- Library Orientation is conducted to first year engineering students to make aware the library facility and services.
- Book Bank Facility: Books bank facility is available to SC and ST Students and economically weak students.
- Current Awareness Service: such as newspaper clippings display, Document Delivery service through e-mail such as scanning the content pages of periodicals, regular updates from library.
- E-Resources: Central Library sends the student and staff to SPPU Sub-Center which provides access to e-resources for ex. (IEEE, Springer, Science Direct, Wiley Blackwell etc.).

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="http://219.91.189.90/webopac/home.html">http://219.91.189.90/webopac/home.html</a>

**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**

**B. Any 3 of the above**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**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)**

### 3.43

File Description	Documents
Any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

#### 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

143

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	<a href="#">View File</a>

#### 4.3 - IT Infrastructure

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

- Modern computers, software, and Internet security are constantly added to the institute's IT infrastructure. The institution has four top-tier servers that can manage the load put on them by network activity.
- According to AICTE standards, the institute currently has ILL with 100Mbps and 20Mbps of broadband connectivity.
- Our servers come with racks and controllable switches.
- Network server operating systems, including Windows Server, RH Server, Ubuntu Server, and CentOS, are installed on the servers.
- Every laboratory has a UPS backup system.
- Computers are updated based on requirements; the newest model has an i7 CPU.
- The institute fulfills the needs of high-performance computing with an isolated GPU-based lab.
- Although the institute possesses more than 400 licensed copies of software, it continually promotes open source programs like Ubuntu, OpenOffice, MySQL, and so forth.
- Applications that meet industry demands include MATLAB, Altair HyperWorks, DSpace, ANSYS, Studio MAX, and NetSim.



- For 230 concurrent users, the institute has a SOPHOS XG 230 to prevent users from accessing malicious websites and being attacked.
- Quick Heal anti-virus - The institute fulfills the need of high-performance computing with an isolated GPU-based lab.
- Although the institute possesses more than 400 licensed copies of the software, it continually promotes open source programs like Ubuntu, Open Office, MySQL, and so forth.
- Applications that meet industry demands include MATLAB, Altair HyperWorks, DSpace, ANSYS, Studio MAX, and NetSim.
- For 230 concurrent users, the institute has a SOPHOS XG 230 to prevent users from accessing malicious websites and being attacked.
- Quick Heal anti-virus, which is installed on all computers and is centrally monitored via the Admin console, is in charge of managing internal security which is installed on all computers and is centrally monitored via the Admin console, is in charge of managing internal security.
- We have implemented digital interactive panels to facilitate the efficient and seamless delivery of lectures.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://ges-coengg.org/wp-content/uploads/2023/11/4.3.1-1.pdf">https://ges-coengg.org/wp-content/uploads/2023/11/4.3.1-1.pdf</a>

#### 4.3.2 - Number of Computers

664

File Description	Documents
Upload any additional information	<a href="#">View File</a>
List of Computers	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	<a href="#">View File</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 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)

208.5

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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 Institute hires outside contractor to maintain its buildings, including the campus, the elevators, the water cooling and purifying systems, and the housekeeping.
- Civil work is maintained and repaired in response to complaints and requests from different departments.
- Hardware and IT problems are maintained and fixed internally.
- For security reasons, the Institute has hired an outside organization, and CCTV has been placed in all noteworthy and critical areas.
- Technical support and license renewals for the various software are carried out annually.
- For the drinking water, RO and purification systems have been installed.
- Every computer lab has a range-extending UPS in addition to a photovoltaic solar panel.
- Small material and electrical repairs are completed in-house.
- The appropriate supplier or business regularly calibrates the devices and equipment.
- A fire extinguisher undergoes routine inspections and refills and also given instruction on how to manage it in an emergency as well.
- In addition to a sizable reading room, the library has a dedicated digital space where students can access resources.
- Students have access to sports facilities.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://ges-coengg.org/wp-content/uploads/2023/12/Maintenance-Bills-22-23.pdf">https://ges-coengg.org/wp-content/uploads/2023/12/Maintenance-Bills-22-23.pdf</a>

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

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

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

1881

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of students benefitted by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

#### 5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

##### 5.1.2.1 - Total number of students benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

0

File Description	Documents
Upload any additional information	<b>No File Uploaded</b>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

**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	<a href="https://ges-coengg.org/wp-content/uploads/2023/12/5.1.3_Proof.pdf">https://ges-coengg.org/wp-content/uploads/2023/12/5.1.3_Proof.pdf</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

**382**

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

**382**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The Institution has a transparent**

**A. All of the above**

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

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>

## **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**

**383**

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student placement during the year (Data Template)	<a href="#">View File</a>

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

#### **5.2.2.1 - Number of outgoing student progression to higher education**

**9**

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of student progression to higher education	<a href="#">View File</a>

### 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

5

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<a href="#">View File</a>

### 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.

1

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
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)	<a href="#">View File</a>

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 Board of Students Development (BSD) form as per guideline and direction given by Board of Students' Development, Savitribai Phule Pune University (SPPU). Our College BSD works under BSD SPPU. The BSD looks after the protection of rights and supervises the Development activities of the students of various departments of the college. BSD promotes and co-ordinates the different students' activities for better corporate life. To fulfil all above activities BSD Conducts various events in AY 2022-23 as mentioned below: 1. Formation of Student Council: Under section 40(3) of Maharashtra Universities act, 1994, this council is established every year in the Institute and it performs its duties prescribed. This year student council form on 8 th December 2022. Amongst all class representative, this year student council elected Aishwarya Chandwadkar (CR BE-Comp) as General Secretary in the meeting held on 8 th December 2023. Following is the narrative of functions and events conducted by various Committees: a. Student Grievance: This committee addresses student grievances and maintain harmony and discipline among the students. Principal, all HODs, are members of this committee. Student development cell: This cell works to implement various activity for student's personality development. Prof. J. M. Sonawane will coordinate this cell.

File Description	Documents
Paste link for additional information	<a href="https://ges-coengg.org/students-arena/">https://ges-coengg.org/students-arena/</a>
Upload any additional information	<a href="#">View File</a>

**5.3.3 - Number of sports and cultural events/competitions in which students of the Institution**

participated during the year (organized by the institution/other institutions)

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

14

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

## 5.4 - Alumni Engagement

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

The college alumni association is functional and contributing significantly to the development of institution through non-financial means. The main objectives of alumni association includes promoting and fostering mutually beneficial interaction between the alumni and the present students of the institute and also between the alumni themselves, encouraging them to take an active part in the work and progress of the institute. The main objectives of association are: 1.To promote and foster mutually beneficial interaction between Alumni and the Institute. 2.To encourage the Alumni to take abiding interest in the process and development of Institute. 3.To arrange and support in placement activities for the students of Institute. 4.To encourage the students of the Institute and members of the Association for research & development work in various fields like electrical engineering, computer engineering etc. 5.To mentor the students of the Institute for higher education, development of character and being GOOD citizens. 6.To provide scholarships to deserving students and ex-students of the Institute for the purpose of education and sports. Sighting the above objectives of Alumni Association our alumni contributes in many ways for the development and betterment of our Institute. Our students and Institute are benefited in various fields such as student placement, training, expert lectures, career guidance sessions,



Industrial visits and mentoring. The alumni of Institute is guiding and nurturing our students to become engineering professionals.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**5.4.2 - Alumni contribution during the year (INR in Lakhs)**

**E. <1Lakhs**

File Description	Documents
Upload any additional information	<a href="#">View File</a>

## 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 R. H. Sapat College of Engineering, Management Studies, and Research, part of the Gokhale Education Society, is affiliated with the Savitribai Phule University of Pune and recognized by AICTE Delhi. The institute is located in Nashik, an emerging industrial town, and charges minimal fees. The Gokhale Education Society has been in existence for 105 years, and our mission is to provide affordable, high-quality technical education to all students. In addition to technical education, the institute also emphasizes the importance of humanity and encourages students to become responsible citizens of the new India. The R. H. Sapat College of Engineering, Management Studies, and Research is committed to producing world-class engineers who can tackle global challenges and convert them into opportunities through value-embedded, quality technical education.

The vision and Mission statements of all departments are foolowing/inline with the Vision and mission statement of the institute and implements the vision mission stsement of the society, like holostic development of students etc.

File Description	Documents
Paste link for additional information	<a href="https://ges-coengg.org/about-college-vision-mission-statement/">https://ges-coengg.org/about-college-vision-mission-statement/</a>
Upload any additional information	<a href="#">View File</a>

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

The institute follows practices of decentralization and participative management at various levels. It has a futuristic vision and mission that involves everyone in satisfying the needs of society. The institute is ISO certified and has well-defined process documents under ISO. It promotes a culture of delegation of powers by appointing HODs and coordinators of various cells/committees in the decision-making process.

Every process is identified, and functional heads/coordinators are appointed as per the NAAC and ISO committees' requirements. Each function head prepares an action plan before the semester starts and presents the status of the action to the Head of the Institute from time to time.

The governance comprises a Governing Body (GB), a College Development Committee (CDC), and an Internal Quality Assurance Cell (IQAC), which play a significant role in the evolutionary reforms towards positioning the Institute in the preferred list of all stakeholders.

File Description	Documents
Paste link for additional information	<a href="https://ges-coengg.org/organizational-structure-of-the-institution/">https://ges-coengg.org/organizational-structure-of-the-institution/</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Gokhale Education Society developed a strategic plan for quality education, employability, technology advancements, and organizational development. The plan will be reviewed periodically by the project director and the Board of Directors and updated

annually as necessary. During the planning process, the organization's strategic direction was defined with the help of the staff who provided critical analysis and support.

The mission of the institute is to impart technical education that is value-embedded and of high quality. The institute aspires to nurture creativity and critical thinking amongst its learners to enable them to face the fast-growing globalization. The institute aims to develop the holistic personality of the learners and become a lead center of research.

To meet the ever-increasing demands of the industry and to ensure that students are employable with cutting-edge skills like industrial automation, advanced controls, and the Industrial Internet of Things, the project director and the Board of Directors have envisioned post-graduate courses in Engineering. The institute has implemented postgraduate courses in Computer Engineering, E&TC Engineering, Electrical Engineering, and Mechanical Engineering. These courses have higher education policy goals and performance measures.

Also as per industrial requirements, our intake has been increased in Computer, Mechanical, and Electrical Engineering.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://drive.google.com/file/d/1hsgJeL8ULY-hoqg8fvB2KJY9qOLfAFdn/view?usp=sharing">Link: https://drive.google.com/file/d/1hsgJeL8ULY-hoqg8fvB2KJY9qOLfAFdn/view?usp=sharing</a> <a href="https://ges-coengg.org/gokhale-education-society-at-a-glance/">Link: https://ges-coengg.org/gokhale-education-society-at-a-glance/</a> <a href="https://ges-coengg.org/about-college-vision-mission-statement/">Link: https://ges-coengg.org/about-college-vision-mission-statement/</a>
Upload any additional information	<a href="#">View File</a>

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

The Institute follows the educational program approved by Savitribai Phule Pune University (SPPU). Every year, several groups of the college, such as the Board of Studies (BOS), Subject Chairmen, and

members of the subject revision committee, work together to shape the curriculum. The Institute encourages faculty members to enroll in Ph.D. programs in Institutes and Universities and provides infrastructure for research activities.

To promote research and development opportunities, the Industry-Institute Initiative has been launched. Activities such as Memorandum of Understanding (MoU) with various companies, sponsorship for BE students, internships for TE, and industrial visits have been included.

The admission process is centralized and controlled by the Admission Regulating Authority (DTE), Maharashtra State.

For theory courses, the assessment is conducted through mid-semester and end-semester examinations (for FE/SE/TE/BE).

The college library uses SOUL 2.0 Integrated Library Management System software for Library Automation. The library website is <http://114.143.218.234/webopac/home.html>, and the Intranet is based on <http://192.168.0.251/webopac/> (accessible within the college campus).

The Institute is well-equipped with classrooms, tutorial rooms, a computer center, a workshop, a sports and gymnasium center, a fire fighting system, parking, etc. Digital library and Wi-Fi systems are available in the library to utilize e-resources.

File Description	Documents
Paste link for additional information	<a href="https://drive.google.com/file/d/1Av4du_UgPrL_Wiezht6vZQIEsrexE-brc/view?usp=sharing">https://drive.google.com/file/d/1Av4du_UgPrL_Wiezht6vZQIEsrexE-brc/view?usp=sharing</a> <a href="https://ges-coengg.org/green-initiatives/">https://ges-coengg.org/green-initiatives/</a> <a href="https://ges-coengg.org/fire-fighting-system/">https://ges-coengg.org/fire-fighting-system/</a> <a href="http://192.168.0.251/webopac/home.html">http://192.168.0.251/webopac/home.html</a> <a href="https://ges-coengg.org/wp-content/uploads/2022/02/2.5.2-.pdf">https://ges-coengg.org/wp-content/uploads/2022/02/2.5.2-.pdf</a> <a href="https://ges-coengg.org/rti-anti-ragging-act/">https://ges-coengg.org/rti-anti-ragging-act/</a> <a href="https://ges-coengg.org/womens-redressal-cell/">https://ges-coengg.org/womens-redressal-cell/</a> <a href="https://ges-coengg.org/about-college-administration-student-grievances-cell/">https://ges-coengg.org/about-college-administration-student-grievances-cell/</a> <a href="https://ges-coengg.org/admissions-faqs/">https://ges-coengg.org/admissions-faqs/</a>
Link to Organogram of the institution webpage	<a href="https://ges-coengg.org/organizational-structure-of-the-institution/">https://ges-coengg.org/organizational-structure-of-the-institution/</a>
Upload any additional information	<a href="#">View File</a>

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

**A. All of the above**

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

## **6.3 - Faculty Empowerment Strategies**

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

**The institution effectively implements various welfare schemes for both teaching and non-teaching faculties. The College arranges the necessary procedures to avail government schemes such as Gratuity, Maternity Leave, Medical Leave, Medical Facility, paternity leave,**

and Leave to attend Conferences, workshops, etc. The college also provides Group LIC Schemes and permission to attend FDP such as Orientation programs, Refresher courses, short-term courses, Subsidized on-campus medical facilities, 24-hour power back-up (100%) through solar power plants, Wi-Fi facility, etc. These facilities are provided to aid in the career development and progression of both the teaching and non-teaching staff.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

### 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

10

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

### 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

7

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	<b>No File Uploaded</b>
Reports of Academic Staff College or similar centers	<b>No File Uploaded</b>
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

**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**

**69**

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

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

**Every year, after an employee has completed one year of service, their performance is evaluated. This evaluation aims to assess their performance according to established standards and identify areas for improvement that could lead to further growth and development.**

**At the end of each semester, students receive feedback forms for**

each course they attended. These forms are in the form of questionnaires and collect information about the teacher and various aspects of the teaching process. The Head of the Department and a Senior Professor review the feedback forms and suggest measures to improve the teaching and learning process. However, non-teaching staff in the institute are not subjected to any performance appraisal system.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

#### 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

Yes, the parent trust, Gokhale Education Society, has appointed an auditor for the financial audit. The institution has qualified practicing Chartered Accountants as an auditor who audit the accounts annually. The audit is carried out to check various vouchers, Ledgers, bank accounts, cash books, tuition fee reconciliation, fixed assets, investments and advances, etc. The income Expenditure Balance Sheet is thoroughly checked by an auditor. After the audit, the report is sent to the management for review.

Details of External audit

External Audit

Date of Last Audit

Details of Compliance

Auditor : S.V.GINDE & CO.CHARTED ACCOUNTANTS, MUMBAI

31/03/2023

No suggestions received



File Description	Documents
Paste link for additional information	<b>Nil</b>
Upload any additional information	<a href="#">View File</a>

#### **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)**

**Nil**

File Description	Documents
Annual statements of accounts	<b>No File Uploaded</b>
Any additional information	<b>No File Uploaded</b>
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

#### **6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources**

The institute primarily relies on student fees as a source of income. All bank transaction fees and costs are covered by this fund amount, which is deposited in the bank. The Principal is responsible for allocating funds in accordance with the budget, considering economy, efficiency, and transparency to maximize institutional financing.

Clear policies and procedures ensure that the available funds are used effectively, efficiently, and optimally for institute development. The annual budget for the institute is created before the academic year begins, taking into account all possible revenue and expenses.

Each department within the institute creates its own budget based on the current academic year's funding requirements. The stores and accountants carefully review every bill, invoice, voucher, and purchase order related to expenses paid against a specific budget head.

The final step involves the accountant sending the payment procedure to management through the principal and issuing a properly signed cheque to the vendor by the Society Authority. Revenue is generated by conducting various exams, such as the SPPU PET examination.

If necessary, the Society manages any budget deficits through a reserve fund.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 6.5 - Internal Quality Assurance System

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

The IQAC cell is responsible for planning and implementing various activities to ensure quality. Deficiencies in planned and conducted activities are noted, and appropriate actions are suggested in the IQAC meetings. The IQAC cell takes care of the quality with reference to the following points:

- Reviewing academic results and discussing academic activities and action plans for academic improvements.
- Reviewing and planning faculty orientation programs.
- Reviewing and planning students' internship programs.
- Reviewing placement activities and planning various technical and aptitude training programs.
- Reviewing customer satisfaction by analyzing feedback from stakeholders such as students, parents, alumni, and employers.
- Enhancing industry-institute interaction
- Ensuring the effective implementation of research culture through research projects, publications, faculty development programs, and training programs.
- Analyzing feedback from different stakeholders such as students, alumni, and employers and taking appropriate steps for overall

improvement.

- Conducting activities such as expert talks, visits, industry-sponsored projects, in-plant training, etc. to bridge the gap between industry and institute.

- Conducting the ISO audit and certification process to ensure quality standards, The IQAC is continuously working to ensure quality standards are met, and appropriate steps are taken to improve the academic and research environment.

File Description	Documents
Paste link for additional information	<a href="https://ges-coengg.org/iqac-committee/">https://ges-coengg.org/iqac-committee/</a>
Upload any additional information	<a href="#">View File</a>

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 IQAC is formed and the meeting of the IQAC Committee members is scheduled on regular basis, twice in academic year. The general agenda meets reviewing our teaching learning process, structures and methodologies of operations and learning outcomes at periodic intervals through IQAC. The general Agenda of the Meeting is as follows.

1. Review of previous IQAC Meeting held Suggestions given and status of Compliance.
2. Review on Academic activities and action plan for academic improvements.
3. Status of faculty Publications and Research.
4. Review and planning of faculty orientation/training programs.
5. Review and planning of students Internship programs.
6. Review of placement activity, planning of various technical and aptitude training programs.
7. Customer satisfaction, review of feedback from the stake holders i.e. Students, Alumni, Employer.
8. Industry institute interaction and quality improvement.

The institute has taken various measures to promote innovative technologies and research culture. National conferences and faculty

development programs have been arranged in each department to aid in the improvement of the teaching-learning process. In order to improve record keeping, monitoring of funds, and performing audits, the institute has appointed an academic research coordinator and created a separate portfolio. The research work of the institute has been published in reputed journals and conferences to demonstrate their work to other researchers in the field. The institute's value-added technical education has led to an improvement in academic results over the last 2 years.

File Description	Documents
Paste link for additional information	<a href="https://ges-coengg.org/wp-content/uploads/2023/10/IQAC-22-23-MOM.pdf">https://ges-coengg.org/wp-content/uploads/2023/10/IQAC-22-23-MOM.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

**A. All of the above**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://www.bing.com/ck/a?!&amp;p=195e1e3f3a981fdbJmltdHM9MTcwMjMzOTIwMCZpZ3VpZD0wMGUzNjMwMSlhZDFlLTZlYzEtM2NlNC03MDUwYWM4NTZmNDQmaW5zaWQ9NTIyOA&amp;ptn=3&amp;ver=2&amp;hsh=3&amp;fclid=00e36301-a41e-6ec1-3ce4-7050ac856f44&amp;psq=aannual+report+r+h+sapat&amp;u=alaHR0cHM6Ly9nZXMtY29lbmdnLm9yZy9hbm51YWwtcmVwb3J0cy8&amp;ntb=1">https://www.bing.com/ck/a?!&amp;p=195e1e3f3a981fdbJmltdHM9MTcwMjMzOTIwMCZpZ3VpZD0wMGUzNjMwMSlhZDFlLTZlYzEtM2NlNC03MDUwYWM4NTZmNDQmaW5zaWQ9NTIyOA&amp;ptn=3&amp;ver=2&amp;hsh=3&amp;fclid=00e36301-a41e-6ec1-3ce4-7050ac856f44&amp;psq=aannual+report+r+h+sapat&amp;u=alaHR0cHM6Ly9nZXMtY29lbmdnLm9yZy9hbm51YWwtcmVwb3J0cy8&amp;ntb=1</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## 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

Specific facilities provided for women in terms of a. Safety and security are women security Guards are employed through security agencies in the institute and in the lady's hostel. CCTV Cameras are installed in maximum locations on campus and are observed by authorities. b. Counseling: women's grievance cell and Women Empowerment Cell (WEC) are actively involved counselling the girl students on various issues. The webinar organized were as follows 1. A Lecture on "Menstruation with No Rash, No Trash, and Low Cash, " by Dr. Sangeeta Chaudhari on 06/03/2023 between 11:00 to 12:30pm c. Common Rooms: Girls common rooms are provided with all required facilities like sanitary napkin wending machine etc. Two incinerators are operative (Girls' hostel and ladies washroom in main building) for proper and safe disposal of sanitary napkins. d. Day care center for young children: Although a daycare center for young children is not available in the institute but special permission is given to breastfeeding mothers to frequently go to their residence to feed the baby

File Description	Documents
Annual gender sensitization action plan	<a href="https://ges-coengg.org/wp-content/uploads/2023/11/7.1.1-POLICY.pdf">https://ges-coengg.org/wp-content/uploads/2023/11/7.1.1-POLICY.pdf</a>
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	<a href="https://ges-coengg.org/wp-content/uploads/2023/05/7.1.1-Photos.docx">https://ges-coengg.org/wp-content/uploads/2023/05/7.1.1-Photos.docx</a>

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

**B. Any 3 of the above**

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

**1. Solid waste management:** The institute focuses on on 3 R principles i.e. Reuse, Recycle and Recover. A separate waste collection based on its characteristics and further treated in most beneficial way. The paper waste is collected separately, shredded by a heavy duty shredder and reused for pulp manufacturing. For on-site solid waste management, an in-vessel composting was started. Ecoman's foodie is a compact composting machine which generates compost from organic waste. The composter processes kitchen waste, yard waste; garden trimmings, grass and food waste efficiently and produces the excellent quality manure used for landscaping and gardening. A biogas plant has been installed to treat the food waste generated from hostel mess. Two incinerators are operative (Girls' hostel and ladies washroom in main building) for proper and safe disposal of sanitary napkins. **2. Liquid waste management :** Wastewater from washrooms, canteen, hostel, mess library is collected through closed conduits in septic tanks. The waste water is further discharged into public sewer. **3. E-waste management** Marginal quantities of electronic waste is generated. The waste is separately collected and stored for further safe disposal. **4. Rainwater harvesting** Rainwater harvesting is one of the important pro-environmental initiatives. The rainwater from the paved area and roof top are collected from the rain water collection drains and the collected rainwater is used to recharge the wells in the campus.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	<a href="#">View File</a>

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

C. Any 2 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
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	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
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	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<b>No File Uploaded</b>
Any other relevant information	<a href="#">View File</a>

<b>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>	<b>B. Any 3 of the above</b>
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File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<b>No File Uploaded</b>
Any other relevant information	<a href="#">View File</a>

<b>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).</b>
<b>The institution has been taking several efforts and initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. By celebrating many National and International Days, Events and Festivals the institution aims at bringing</b>



tolerance and harmony among the students and staff and other stakeholders. The institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different caste, religion, regions are studying without any discrimination. The college celebrates the cultural events like YOGA day, AIDS day, Youth Awareness rally, Ganesha Festival. Motivational lectures of eminent persons of the field are arranged for all-round development of the students for their personality development and to make them responsible citizens following the national values of social and communal harmony and national integration. Besides academic and cultural activities, we have built up many strong infrastructures for a variety of sports activities for the physical development of the students. In this way the institute's efforts/initiatives in providing an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic, and other diversities.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
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

We have students having different cultural, social, economic, linguistic, and ethnic diversities governed and guided by the Constitution irrespective of caste, religion, race sex. R.H. Sapat College of Engineering, Management Studies and Research sensitizes the students and the employees of the institution to the constitutional obligations about values, rights, duties, and responsibilities of citizens which enables them to conduct as responsible citizens. The affiliating University curriculum is framed with courses like Democracy, Election, and Governance, Professional ethics and human values, and the Constitution of India, as a small step to inculcate constitutional obligations among the students. Democracy, Election, and Governance is a 2 credit Compulsory course for all the First Year students in All Faculties. Thus every year students are trained on topics like values, rights, duties, and responsibilities of citizens. The students are provided with the knowledge, skill, and values that are necessary for sustaining balanced life. The students are inspired by participating

in various programs on culture, traditions, values, duties, and responsibilities by inviting prominent people. The institute conducts awareness programs on the environment, cleanliness, Swachh Bharat, etc. involving students. The college has established policies that reflect core values. A Code of conduct is prepared for students and staff and everyone should obey the conduct rules. An NSS unit exclusively encourages the students and the unit is successfully conducting activities to serve society.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://drive.google.com/file/d/1qlzwagqpT7dva7e6yly7fW0rxK18KC82/view?usp=sharing">https://drive.google.com/file/d/1qlzwagqpT7dva7e6yly7fW0rxK18KC82/view?usp=sharing</a>
Any other relevant information	<a href="https://drive.google.com/file/d/1qlzwagqpT7dva7e6yly7fW0rxK18KC82/view?usp=sharing">https://drive.google.com/file/d/1qlzwagqpT7dva7e6yly7fW0rxK18KC82/view?usp=sharing</a>

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

**B. Any 3 of the above**

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
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	<a href="#">View File</a>

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

**The institution organizes various National Festivals and birth**

anniversaries of great Indian personalities every year. Republic Day and Independence Day - Republic Day and Independence Day are celebrated in the Institute with great pomp. All the Office Bearers, faculty members and students from various Institutes in campus gather at the Central Gymkhana. The program starts with Flag Hosting at the hands of Chief Guest followed by National Anthem. Patriotic songs, various acts and skills are presented to the gathering by the students. The proofs of attendance for A.Y. 2022-23 are attached in proofs. "Ajadi ka amrut mahotsav" was celebrated on 14 August 2022. While Under the theme of International Youth day 2022, organizing Quiz competition on HIV/AIDS in youth on 13th October 2022 organizing Rally on account of HIV / AIDS day on 1st Dec. 2022 and Women's Day was observed on March 6, 2023, respectively.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

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

### 1. Title of the practice: Industry Institute Interaction and Skill Development and Motivation to Research

Our institute believes that skill development enhances the efficiency, quality of the students and imparts confidence in them. The desired skill set are arranged in the form of regular activities at different levels of curriculum. Bridge course is conducted for the first year students. Student Seminars at second year level, students form teams and select a domain of their interest. They prepare presentation on advanced topic under guidance of allotted faculty member. Technical hands on workshops, mini project competitions and project exhibition "I-RISE" are organized to enhance the employability of the students. Which leads to research in product development. Students also complete Internships in industries.

### 2. Title of the Practice: Generation and Utilization of Solar Renewable Energy Sources

**Practice Details:** Solar rooftop system has been implemented at GES R. H. Sapat college of Engineering on main building terrace on 27th March 2018. Renew system make solar panels(94 Nos of 320w each) of 30 KW Capacity with Inverter of delta make 700v DC/3 ø 440 v AC. A net meter is in operation and generates nearly100 units per day.

- It reduces harmful Carbon emissions and pollutants that contribute to climate change and health problems.
- It helps to reduces pressure for increase in generation capacity for the state.

File Description	Documents
Best practices in the Institutional website	<a href="https://ges-coengg.org/wp-content/uploads/2023/12/7.2-summary-and-proofs-.pdf">https://ges-coengg.org/wp-content/uploads/2023/12/7.2-summary-and-proofs-.pdf</a>
Any other relevant information	Nil

### 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

To meet our vision of producing world class engineers converting global challenges into opportunities through value embedded quality technical education, institute has stepped up efforts to achieve employability enhancement and entrepreneurship development.

**Employability Enhancement:** To ensure students have the communication / presentation skills, problem-solving, analytical and innovative capabilities desired by recruiters, our institute has developed a powerful placement pool in collaboration with other institutes and industries. Also, students are sent for in-plant trainings / internships during vacations so that they become job-ready in any capacity including production, quality control, and process analysis or plant maintenance. These activities have resulted in 69.63% of eligible students getting placed in 2022-23.

**Entrepreneurship Development:** To nurture creativity and critical thinking and enhance skills necessary for entrepreneurship, institute conducts activities for team building, opportunity recognition and customer acquisition and encourages students to develop professional attributes and corporate philosophy. Until now, 14 startups have been established by our students.

**Research Orientation:** Our institute supports capacity building of faculty and students by providing a proper research environment and encouraging an inter-disciplinary approach, by providing industrial training for skill and competency development and encouraging consultancy services in the form of technical assistance to industries.

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	No File Uploaded

### 7.3.2 - Plan of action for the next academic year

The following are future plans for next academic year 2023-2024.

- 1. Industry Institute Interaction Activities:** To enhance the industry institute interaction activities in line with the department. Industry experts talks and Alumni talks and expert guidance sessions would be arranged. Enhancement in Industry problems-based Projects and internships.
- 2. Student Training:** All departments will initiate activities related to technical training, soft skill and aptitude for the TE/BE students so as to improve placements. Students to be encouraged for national and international level activities like smart India hackathons, BAJA SAE etc.
- 3. Quality assurance program ISO 9001:2015** will be continued for the next academic year.
- 4. Outcome-based education practices** are initiated for all programs: Internal assessment of OBE to assess the quality of the teaching-learning would be executed meticulously.
- 5. Research and development:** - Staff and students will be encouraged to publish their work at suitable conference/publication agencies. The staff members will be motivated to prepare research proposals and send it to funding agencies. The staff members will also be motivated to prepare and submit research papers in standard Journals like SCI, Scopus indexed or UGC approved Journals.
- 6. Self-improvement activities** like FDPs, STTPs webinars conferences etc to be strengthened. Every faculty should attend FDPs/STTPs in a semester.

