



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution		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
2.Institutional status		
• Affiliated /Constituent		Affiliated
• Type of Institution		Co-education

**Annual Quality Assurance Report of GOKHALE EDUCATION SOCIETY'S R. H. SAPAT COLLEGE OF
ENGINEERING, MANAGEMENT STUDIES AND RESEARCH, NASHIK**

• Location	Urban
• Financial Status	Self-financing
• Name of the Affiliating University	Savitribai Phule Pune University
• Name of the IQAC Coordinator	Dipak Vitthalrao Patil
• Phone No.	9970510532
• Alternate phone No.	
• Mobile	9970510532
• IQAC e-mail address	iqac@ges-coengg.org
• Alternate Email address	dipak.patil@ges-coengg.org
3.Website address (Web link of the AQAR (Previous Academic Year)	https://ges-coengg.org/agarreports/
4.Whether Academic Calendar prepared during the year?	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	https://ges-coengg.org/academic-calendar/

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	2.94	2019	01/06/2019	01/05/2024

6.Date of Establishment of IQAC

15/09/2018

7.Provide the list of funds by Central / State Government

UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Mr. Gaurav K. Bhamre	Aspire	Savitribai Phule Pune University, Pune	2019 3 Years	270000

8. Whether composition of IQAC as per latest NAAC guidelines	Yes	
<ul style="list-style-type: none"> • Upload latest notification of formation of IQAC 	View File	
9. No. of IQAC meetings held during the year	2	
<ul style="list-style-type: none"> • Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> • If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> • If yes, mention the amount 		
11. Significant contributions made by IQAC during the current year (maximum five bullets)		
Analyzed the academic results and devised an action plan for improvements for the next academic results.		
Reviewed placement activity, subsequently, planning and execution of various technical, soft skill, and aptitude training programs. The academic process manual was reviewed		
For customer satisfaction, reviewed feedback from the stakeholders i.e. Students, Parents, Alumni, Employer, and sent for appropriate action and verified the action		
Organized guidance sessions 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.		
Organization of the series of webinars for students in collaboration with different departments of College to sensitize the students towards the Indian Democracy and civil society, philosophical aspects, curricular aspects and environmental aspects.		

12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
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 Mahindra. Resulted in improved placement.
Planning for student's internship programs.	Students were supported to get internships and internships completed successfully for many students.
Perspective plan for the development of institute with quality initiatives.	ISO 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.
Planning for Feedback from stake holders.	Feedback received analyzed and action taken.

13. Whether the AQAR was placed before statutory body?

Yes

- Name of the statutory body

Name	Date of meeting(s)
College Development Committee	02/07/2022

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2021-2022	01/08/2022

15. Multidisciplinary / interdisciplinary

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		397
Number of courses offered by the institution across all programs during the year		
File Description	Documents	
Data Template	View File	
2.Student		
2.1		2192
Number of students during the year		
File Description	Documents	
Institutional Data in Prescribed Format	View File	
2.2		1096
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year		
File Description	Documents	
Data Template	View File	
2.3		615
Number of outgoing/ final year students during the year		
File Description	Documents	
Data Template	View File	
3.Academic		
3.1		96
Number of full time teachers during the year		
File Description	Documents	
Data Template	View File	
3.2		135

Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	29
4.2 Total expenditure excluding salary during the year (INR in lakhs)	4.59
4.3 Total number of computers on campus for academic purposes	664

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 wellplanned 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 industrysupported 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	View File
Link for Additional information	Nil

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. academic calendar 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 (Department wise) 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	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in B. Any 3 of the above

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

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

1.2 - Academic Flexibility

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

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

10

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

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

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

26

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

170

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

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 to provide

counseling to students, promote gender equity among students and also deal with related issues of safety and security of female students, staff, and faculty. 4. Environment and Sustainability in the Curriculum: The University provides a variety of courses for promoting the Environment and Sustainability.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

104

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

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

2192

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://ges-coengg.org/wp-content/uploads/2023/04/Feedback21Analysis.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

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

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://ges-coengg.org/wp-content/uploads/2023/04/Feedback21Analysis.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

645

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

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats))

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

418

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

At GES's R. H. Sapat College of Engineering, Management Studies, and Research, 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	https://ges-coengg.org/wp-content/uploads/2023/05/2.2.1_21022UF.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
2192	96

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

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	View File
Link for additional information	Nil

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	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

2.3.3.1 - Number of mentors

96

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

96

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

16

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

832

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

The Institute follows SPPU University's guidelines for internal assessment. Internal evaluation Term Work for Practical: Internal assessment in college is transparent. Assessment is done in front of students for every practice on a regular basis; an experiment-wise record of marks is maintained in the practical assessment report. Each experiment is assessed for 10 Marks in which distribution of marks 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 areviewer, 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 Internal assessment for PG students is meticulous. It consists of Continuous assessment (CA) for in-semester 50 Marks for each theory subject. In Semester Internal assessments for PG course are based on at least two written tests, assignments, and seminar presentations by students on subject-related topics.grievances if any are solved by the teachers.

File Description	Documents
Any additional information	View File
Link for additional information	https://ges-coengg.org/wp-content/uploads/2022/12/2.5.1-proofs_withnumber compressed.pdf

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. In case 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	View File
Link for additional information	Nil

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 students 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.Collegewebsite
- 2.HOD Cabins
- 3.Notice Boards of the department
- 4.Department Laboratories.

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

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

The 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	No File Uploaded
Paste link for Additional information	https://ges-coengg.org/program-outcomes/

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

615

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://ges-coengg.org/wp-content/uploads/2023/05/2.6.3.pdf

2.7 - Student Satisfaction Survey

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

<https://ges-coengg.org/students-satisfaction-survey/>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

1

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

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

3.1.2.1 - Number of teachers recognized as research guides

4

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

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

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

01

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

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	View File
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	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

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

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

4

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

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

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

13

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

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

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

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

3.4 - Extension Activities

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

Students of the institute are actively involved in several extension activities in the neighbourhoods' community using platforms such as the National Service Scheme (NSS), Student Welfare Department (SWD), Women Empowerment Cell etc..

- College organized an online yoga practice program through Google Meet (<http://meet.google.com/tdk-kaqi-tyg>) on 21st June 2021.
- The NSS Team College participated as a scribe for blind people/candidates in the IDBI bank exam.
- The NSS cell of the College has organised a webinar on Tobacco Prevention and addiction, conducted in collaboration with Salam Mumbai Foundation and Everest Foundation, Mumbai.
- NSS cell of our College organized Online program awareness regarding HIV/ AIDS and COVID-19 conducted.
- Ganesh Idol Murti Collection Activity was organized NSS group in association with Nashik Municipal Corporation on 19/9/2021.
- Quiz Competition regarding HIV/ AIDS in Youth conducted 25/10/2021 from 1.00 pm to 1.20 pm.
- The NSS cell and Student Development Organized Vaccination Camp and National Unity Day or Rashtriya Ekta Diwas under mission Yuva Swastya Abhiyan conducted in collaboration with Health Department, Nashik Municipal Corporation, Nashik dated 29/10/2021 and 30/10/2021.
- RTPCR Camp under mission Yuva Swastya Abhiyan conducted in collaboration with Health Department, Nashik Municipal Corporation, Nashik on 26/11/2021

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

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

0

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

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

8

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

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

3.4.4.1 - Total number of Students participating in extension activities conducted in

collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

337

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

3.5 - Collaboration

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

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

6

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

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

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

18

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The Boys and Girls Hostels, Central Workshop, Library Building, and Main Building are all located on the campus. The institute has 6 PG classrooms, 24UG classrooms, and 6 tutorial rooms. A LAN/Wi-Fi network is utilised in connection with well-designed furniture and teaching aids like LCDs and projectors during the teaching-learning process. The institute has 42labs, including a research lab, a computer centre, and a language lab. Each department includes a computer lab equipped with specialised and modern applications. The institution contains a large workshop with sections for welding, carpentry, fitting, and a machine shop with CNC turners and mills, among other things.

Workshops, seminars, and webinars can be held at the institute's four seminar halls. Our library has a large, welcoming atmosphere with OPAC library software. The digital library makes it easy to access e-journals and e-resources.

We have 660 computers with high-end computing capability and four IBM servers. Through a LAN, all PCs are linked to the internet.

Manageable switches control the network, which is protected by a hardware firewall. The institute has a 120 Mbps internet leased line (ILL) for accessing different kinds of e-resources.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ges-coengg.org/wp-content/uploads/2022/12/4.1.1.pdf

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

The Institute provides not only excellent teaching-learning facilities but also offers sports, games, a gymnasium, and cultural events, allowing students to be adaptable and in line with the Institute's mission of "developing the holistic personality of the learners."

Running, jogging, walking, and yoga asanas are just a few of the physical activity types that are practised in this area. There are also other indoor, outdoor, and health-related physical activity types.

In addition to intercollegiate and interuniversity tournaments, students train for these events on campus in easily accessible athletic facilities.

These facilities are used for intercollege contests, technical events including "Robo-Race," "Gesttronica," "ELECTRO-SPARK," and "ASHWAMECH," as well as sporting events.

By hosting seminars and cultural events, students commemorate occasions such as Teachers' Day, Guru Purnima Day, Engineers' Day, and Women's Day. Student council members plan "Resonance," an annual social event that includes events including a cultural night, an art gallery, a Rangoli, the awarding of prizes, sports competitions, and more.

The institute annually sponsors the "Gokhale Inter- Engineering Colleges T-20 Tournament," a major cricket tournament with teams from different engineering colleges.

As per the university rules, physical fitness exams are given to first-year (UG) students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ges-coengg.org/wp-content/uploads/2022/12/4.1.2.pdf

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

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

4.59

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

4.2 - Library as a Learning Resource

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

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	View File
Paste link for Additional Information	http://219.91.189.90/webopac/home.html

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	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

2.27

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

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

98

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

4.3 - IT Infrastructure

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

The institute's IT infrastructure is continually being upgraded with cutting-edge computing, software, and Internet security. The institute has four higher-end servers which are capable to handle the load incurred during network activities. Currently, the institute has ILLwith 100 Mbps and 20 Mbps of Broadband connection

as per the AICTE norms. Our servers are well equipped with rack and manageable switches. The servers are installed network server OS such as Windows Server, RH Server, Ubuntu Server and CentOS. All laboratories are having a backup with UPS. Pcs are upgraded from as per requirements and latest computing processor is i7. The institute has isolated GPU based lab to fulfill the requirements of high-performance computing. The institute always promotes open source software such as Ubuntu, Open Office, MySQL etc., however, the institute has more than 400 Licensed copies The application software such as MATLAB, Altair Hyper Works, DSpace, ANSYS, Studio MAX, NetSim which caters the need of industries demands.

The institute has a SOPHOS XG230 for 230 concurrent users to restrict the users from accessing the unwanted sites and attacks. Internal security is managed by Quick Heal anti-virus which is installed on all machines and is centrally managed with Admin console.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ges-coengg.org/wp-content/uploads/2022/12/4.3.1.pdf

4.3.2 - Number of Computers

664

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

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

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

4.4 - Maintenance of Campus Infrastructure

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

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

154.9

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

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

- The Institute contracts out the maintenance of infrastructural facilities such as the campus, elevators, water cooling/purification systems, and housekeeping to outside companies.
- Civil work is repaired and maintained based on requests and complaints received from various departments.
- IT related and hardware issues are maintained and rectified in-house
- The Institute has chosen an external agency for security purposes and CCTV has been installed at all sensitive and prominent locations.
- Renewal licenses and technical support for the various software are done on a yearly
- The RO and purifier system has been placed for the drinking water
- All computer laboratories have an UPS that ranges and it is also equipped with a PV Solar
- Minor repairing of materials and electrical concerns are done in house
- The equipment/instruments are calibrated on a regular basis by the relevant supplier or company.
- A fire extinguisher is refilled and inspected regularly. Also provided training on how to handle it in an emergency.
- The Library contains a large reading room as well as a

separate digital area for accessing e-resources.

- Sports facilities are provided for students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ges-coengg.org/wp-content/uploads/2022/12/Maintenance-Bills-21-22.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

1890

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

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

0

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	No File Uploaded

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to Institutional website	https://ges-coengg.org/wp-content/uploads/2022/12/5.1.3.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

738

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

388

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

5.1.5 - The Institution has a transparent

A. All of the above

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

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

388

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

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

5.2.2.1 - Number of outgoing student progression to higher education

15

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

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

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

4

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

5.3 - Student Participation and Activities

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

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

3

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

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

The Board of Students Development (BSD) form as per guideline and direction given by Board of Students' Development, Savitribai Phule Pune University (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. BSD tries to nurture students mental, physical, cultural growth with various activities to improve their overall personality development and to make them civilized Indian citizens to compete in the globalized world. The Student Council is governed by a committee of faculty members headed by Principal of the college. This year Student Council is further sub-divided into committees such as Student Grievance, Anti-Ragging, Cultural, Sports, Magazine, NSS, Equal opportunity cell, Student Development Cell, Student counsellor committee etc. The number of activites such as cultural (Resonance-2022), Publication of college magazine, NSS camp, vaccination camp, Shivrajya Din and annual prize distribution function are organized in entire academic year 2021-22. Various departments are also organizing different technical workshops and events to develop students personality and technical skills.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

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

5

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

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

The 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. 7.To encourage and guide the students of the Institute on self-employment to become entrepreneurs. The alumni is guiding and nurturing our students to become engineering professionals.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs) E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

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

Gokhale Education Society's R. H. Sapat College of Engineering was established in 2009. AICTE approves it, New Delhi, Recognized by the Government of Maharashtra & all the programs are permanently affiliated to Savitribai Phule Pune University, Pune. Currently, Institute offers a minimal fee structure in the gradually emerging industrial town of Nasik. The institute has completed 105 years and comes under the umbrella of the Gokhale Education Society. Institute's mission is for the personal growth of all students with the best technical education possible at an affordable cost. Institute also encourages us to value humanity and to become responsible citizens of new India. In line with society's Mission and Vision, R. H. Sapat College of Engineering, Management Studies and Research also work to produce World-class Engineers to convert global challenges into Opportunities through "Value Embedded Quality Technical Education". The vision and Mission statements of all departments are formalized in line with the statement of vision and mission of the institute. The program outcome is mapped to verify the attainment of vision and mission statements

File Description	Documents
Paste link for additional information	https://ges-coengg.org/about-college-vision-mission-statement/
Upload any additional information	View File

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

As a part of administrative decentralization and participative management various bodies and committees are constituted to monitor all the academic and administrative and research activities.

Institute has a vision and mission which are futuristic in nature. They have satisfied the needs of society through the involvement of everyone in the process. Institute is ISO certified having well-defined and maintained documents under ISO . The Institute believes in promoting a culture of delegation and power by appointing HODs and coordinators of various cells/committees in the decision-making process of the Institute. Per the NAAC and ISO committees' requirements, multiple processes are identified and functional heads/coordinators are appointed for every process. Each function head will prepare an action plan before the semester starts and regularly present the action's status to the Head of the Institute.

The governance comprising of Governing Body (GB), a Local Management Council (LMC), a College Development Committee (CDC), and an Internal Quality Assurance Cell (IQAC) has played a significant role in the evolutionary reforms toward positioning the Institute in the preferred list of all stakeholders.

File Description	Documents
Paste link for additional information	https://ges-coengg.org/organizational-structure-of-the-institution/
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The strategic plan was developed by Governing body: Gokhale Education Society, with a view to a future roadmap for quality education, employability, 'Industry Standard Advanced Technology', and organization development, the strategic plan was devised. The project director and the Board of Directors will review progress periodically and update the plan annually.

The Mission is:

To Impart Value Embedded Quality Technical Education through

effective Teaching-learning process. To Nurture Creativity & Critical thinking in applying Engineering skills to face the fast-growing globalization. To Develop the Holistic Personality of the learners. To make this Institute a Lead Centre of Research.

The project Director and Board of Directors envisioned courses in Engineering to meet ever-demanding industrial standards with employable students having cutting-edge skills like industrial automation, Postgraduate courses with higher education policy goals and performance measures have been implemented.

Keeping the employability and skill development of students in mind, the latest technology software for post-graduate courses has been purchased especially for students

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

Academy strategy plan is devised for benefit of students so that they can face challenges in an ever-changing industrial scenario.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://ges-coengg.org/gokhale-education-society-at-a-glance/
Upload any additional information	View File

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

The organizational structure of the institution all the departments of the institute have departmental committees coordinated by faculty members and monitored by the Head of the Department for the smooth conduction of academic and administrative activities. The institute has constituted committees as per the norms and also additional committees are constituted for internal coordination and monitoring of the activities. The institute is represented by the Principal on various committees at the Society level.

Service rules procedures: Statutes Governing Terms and Conditions of Service of the Professors/ Associate Professors/Assistant Professors

appointed in the institute are governed by UGC, SPPU rules and regulations Under Section 42 and /or 73 of the Poona University Act, 1974.

Promotional policies: The employee promotion policy presents our guidelines for advancing and promoting employees of our Institute. We want to invest in our employees and reward those who perform well.

Grievance Redressal mechanism: Grievances Redressal cell deals with all types of grievances, complaints, and malpractices including those received from Students, Faculty, and other Stakeholders.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	https://ges-coengg.org/organizational-structure-of-the-institution/
Upload any additional information	View File

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

Teaching: Gratuity, Maternity Leaves, EPF, Group Insurance, Qualification up-gradation these all welfare schemes have been

provided by the institution, Medical Leaves for Non-teaching:
Gratuity, Maternity Leaves, EPF, Group Insurance, Permission for
Qualification up-gradation

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

0

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

1

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

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

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

70

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

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

The institute carries out a performance appraisal process for both teaching and non-teaching staff. The institute observed three-tier structures for performance assessment. 1. Self-Assessment 2. HOD Assessment 3. Principal Assessment While self-assessment the individual staff makes the teaching-learning evaluation, curricular, co-curricular activity, Research activity, and Institutional

assignments evaluation. The Head of the program evaluates the self-assessment given by individual staff and after quantitative and Qualitative analysis the remark is assigned in writing. Subsequently, the appraisal form is forwarded to the head of the institution for necessary action. Based on the evaluation made by individual staff and subsequent remarks given by the head of the program, the faculty/staff is called for interaction before the head of the institution. The final course of appropriate action is decided collectively by the principal and the Management. The staff is encouraged while those who lack expectations are counseled and guided for improvements.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Yes, The Parent Trust Gokhale Education Society appoints an Auditor for the financial audit. The institution is qualified to practice Chartered Accountants as an auditor who audits the accounts annually. The Audit is carried out to check various Vouchers, Ledgers, Bank Accounts Cash books, Tuition Fee Reconciliation, Fixed Assets, Investments, Advances, etc. The income Expenditure Balance Sheet is thoroughly checked by them. 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

31/03/2022

No suggestions received

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

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

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

Student fees are the major source of Institutional funding. This fund amount is deposited in the bank through which all bank transaction processes/expenses are incurred. For the optimal utilization of Institutional funding, the Principal looks after that funds are to be used in correlation with the budget, with due attention to transparency, economy, and efficiency.

The Institute has a well-defined policy and procedure to monitor the effective, efficient and optimal utilization of available financial resources for institute development.

Policy and Procedure include;

The annual budget for the institute is prepared at the beginning of the academic year, considering potential income and expenditures (recurring and non-recurring) involved for the year.

All the Departments of the Institute prepare their annual budget

considering the required funds for the particular academic year.

The departmental budget for apparatus, types of equipment, instruments, consumables, semi-consumables items, and miscellaneous is prepared by the Head of the Department and scrutinized by the Principal of the Institute. Consent is sought from the Management.

All the bills/ invoices/ vouchers and purchase orders of expenses against sanctioned budget for a particular head are scrutinized by the Stores and accountant.

In the final stage, the accountant forwards the payment process through the Principal to Management and issues the cheque to the vendor duly signed by Society Authority.

By conducting different exams like NEET revenue is generated.

The deficit in the budget is managed by Society through a reserve fund if required.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

IQAC cell of the Institute has ensured the effective implementation of research culture through research projects, publications, faculty development programs, and training programs

The feedback from different stakeholders such as students, alumni, and employers is analyzed and appropriate steps have been taken by Institute for the overall improvement.

The I-CUBE cell (Industry institute interaction) of the institute is working continuously for bridging the gap between industry and institute by conducting activities that include expert talks, visits, industry-sponsored projects, in-plant training, etc.

To ensure the quality standards, the institute has completed the ISO audit and certification process for AY 2021-22 where the suggestions

are observed. The institute has taken appropriate steps based on the suggestions received.

File Description	Documents
Paste link for additional information	https://ges-coengg.org/wp-content/uploads/2022/12/MOM-JUN-AND-DEC-2021-FOR-21-22.pdf
Upload any additional information	View File

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

To establish innovative technologies and research culture, the institute has arranged national conferences and faculty development programs in each department which also helps in the improvement of the teaching-learning process.

The institute has created a separate portfolio through the appointment of an academic research coordinator for improvement in record keeping, monitoring of funds, and performing audits

The publication of various research articles and papers in reputed journals and conferences to demonstrate their research work to other researchers in the field

The academic results have shown improvement due to value-added technical education in the last 2 years.

File Description	Documents
Paste link for additional information	https://ges-coengg.org/iqac-committee/
Upload any additional information	View File

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

B. Any 3 of the above

Certification, NBA)

File Description	Documents
Paste web link of Annual reports of Institution	https://ges-coengg.org/igac-committee/
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

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 "Emotional freedom techniques and balancing" by Mrs.Renuka Savajion 08/03/2022 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	https://drive.google.com/file/d/1W0mz8hk3nfybtKz1JrZVwFDog54zt805/view?usp=sharing
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://ges-coengg.org/wp-content/uploads/2023/05/7.1.1-Photos.docx

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

B. Any 3 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	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 onsite 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	View File
Geo tagged photographs of the facilities	View File

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

C. Any 2 of the above

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

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

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

D. Any 1 of the above

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

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

B. Any 3 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	View File

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

The 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 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 and regional festivals, like teacher's day, orientation and farewell program, Induction program, oath, plantation, Women's day, Yoga day, and also festivals like Ayudh Pooja celebration on dasera, 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 the-m 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)	View File
Any other relevant information	No File Uploaded

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

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	https://drive.google.com/file/d/1qlzwaggpT7dva7e6yly7fW0rxK18KC82/view?usp=sharing
Any other relevant information	https://drive.google.com/file/d/1qlzwaggpT7dva7e6yly7fW0rxK18KC82/view?usp=sharing

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

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	View File

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. 21-22 are attached in proofs. National Youth day was celebrated on 12 January 2022. While Human Rights Day was observed on December 10, 2021, National Unity Day (Rashitya Ekta Diwas) was observed on October 31, 2021, and Women's Day was observed on March 8, 2021, respectively. Mahatma Gandhi Jayanti with 'Swaachh Bharat Abhiyaan'. Shivaji Maharaj Jayanti, Teachers Day, and Engineers Day are also celebrated every year. But due to the pandemic situation, we could not celebrate these days during A.Y. 21-22.

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

7.2 - Best Practices

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

1. **Industry Institute Interaction and Skill Development** Our institute believes that skill development enhances the efficiency, and 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 an advanced topic in that domain under the guidance of allotted faculty member. Technical hands on workshops are designed and implemented to enhance the practical and application-oriented expertise at the third-year level. Most of these workshops conducted are free of cost. Students complete In plant training of 2-3 weeks in assigned industries. Institute-level project exhibition "I-RISE" is arranged to showcase the innovative projects implemented by students

2. **Motivation for Research** The faculty and students are motivated to conduct research activities and present/publish the research paper at reputed conferences/journals. Awareness about various funding schemes is created and faculty is motivated to write good research proposals and organize conferences, workshops, seminars and departmental technical events. Staff members are encouraged to pursue higher studies specially Ph.D. To inculcate research culture among faculty and students, eminent speakers from industries, researchers and scientists are invited to guide the faculty and students for developing good research culture.

File Description	Documents
Best practices in the Institutional website	https://ges-coengg.org/criteria-7-aqar-2021-22/
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, process analysis or plant maintenance. These activities have resulted in 64% of eligible students getting placed in 2021-22.

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.

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 wellplanned 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 industrysupported projects, industry visits, internships, hands-on sessions, tutorials, case studies, e-learning, NPTEL lectures, assignments, internal tests, etc. along withInternships, projects, undergraduate research, independent study courses, online courses, etc.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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. academic calendar 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 (Department wise) 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	View File
Link for Additional information	Nil

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

B. Any 3 of the above

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

1.2 - Academic Flexibility

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

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

10

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

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

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

26

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

170

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

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 to provide counseling to students, promote gender equity among students and also deal with related issues of safety and security of female students, staff, and faculty. 4. Environment and Sustainability in the Curriculum: The University provides a variety of courses for promoting the Environment and Sustainability.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

104

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

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

2192

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution	A. All of the above
--	----------------------------

**from the following stakeholders Students
Teachers Employers Alumni**

File Description	Documents
URL for stakeholder feedback report	https://ges-coengg.org/wp-content/uploads/2023/04/Feedback21Analysis.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

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

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://ges-coengg.org/wp-content/uploads/2023/04/Feedback21Analysis.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

645

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

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

418

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

At GES's R. H. Sapat College of Engineering, Management Studies, and Research, 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	https://ges-coengg.org/wp-content/uploads/2023/05/2.2.1_21022UF.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
2192	96

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

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	View File
Link for additional information	Nil

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	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

2.3.3.1 - Number of mentors

96

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

96

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

16

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

832

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

The Institute follows SPPU University's guidelines for internal assessment. Internal evaluation Term Work for Practical: Internal assessment in college is transparent. Assessment is done in front of students for every practice on a regular basis; an experiment-wise record of marks is maintained in the practical assessment report. Each experiment is assessed for 10 Marks in which distribution of marks 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 areviewer, 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 Internal assessment for PG students is meticulous. It consists of Continuous assessment (CA) for in-semester 50 Marks for each theory subject. In Semester Internal assessments for PG course are based on at least two written tests, assignments, and seminar presentations by students on subject-related topics.grievances if any are solved by the teachers.

File Description	Documents
Any additional information	View File
Link for additional information	https://ges-coengg.org/wp-content/uploads/2022/12/2.5.1-proofs_withnumber_compressed.pdf

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. In case 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 issolved by the teacher. If the grievance is not solved at the teacher's level, the student can raise the grievance to the internal examination grievancecommittee 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	View File
Link for additional information	Nil

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 students 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.Collegewebsite 2.HOD Cabins 3.Notice Boards of the department 4.Department Laboratories.

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

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

The 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	No File Uploaded
Paste link for Additional information	https://ges-coengg.org/program-outcomes/

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

615

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://ges-coengg.org/wp-content/uploads/2023/05/2.6.3.pdf

2.7 - Student Satisfaction Survey

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

<https://ges-coengg.org/students-satisfaction-survey/>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

1

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

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

3.1.2.1 - Number of teachers recognized as research guides

4

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

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

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

01

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

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	View File
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	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

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

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

4

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

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

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

13

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

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

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

3

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

3.4 - Extension Activities

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

Students of the institute are actively involved in several extension activities in the neighbourhoods' community using platforms such as the National Service Scheme (NSS), Student Welfare Department (SWD), Women Empowerment Cell etc..

- College organized an online yoga practice program through Google Meet (<http://meet.google.com/tdk-kaqi-tyg>) on 21st June 2021.
- The NSS Team College participated as a scribe for blind people/candidates in the IDBI bank exam.
- The NSS cell of the College has organised a webinar on Tobacco Prevention and addiction, conducted in collaboration with Salam Mumbai Foundation and Everest Foundation, Mumbai.
- NSS cell of our College organized Online program awareness regarding HIV/ AIDS and COVID-19 conducted.
- Ganesh Idol Murti Collection Activity was organized NSS

group in association with Nashik Municipal Corporation on 19/9/2021.

- Quiz Competition regarding HIV/ AIDS in Youth conducted 25/10/2021 from 1.00 pm to 1.20 pm.
- The NSS cell and Student Development Organized Vaccination Camp and National Unity Day or Rashtriya Ekta Diwas under mission Yuva Swastya Abhiyan conducted in collaboration with Health Department, Nashik Municipal Corporation, Nashik dated 29/10/2021 and 30/10/2021.
- RTPCR Camp under mission Yuva Swastya Abhiyan conducted in collaboration with Health Department, Nashik Municipal Corporation, Nashik on 26/11/2021

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

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

0

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

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

8

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

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

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

337

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

3.5 - Collaboration

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

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

6

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

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

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

18

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The Boys and Girls Hostels, Central Workshop, Library Building, and Main Building are all located on the campus. The institute has 6 PG classrooms, 24UG classrooms, and 6 tutorial rooms. A LAN/Wi-Fi network is utilised in connection with well-designed furniture and teaching aids like LCDs and projectors during the teaching-learning process. The institute has 42labs, including a research lab, a computer centre, and a language lab. Each department includes a computer lab equipped with specialised and modern applications. The institution contains a large workshop with sections for welding, carpentry, fitting, and a machine shop with CNC turners and mills, among other things.

Workshops, seminars, and webinars can be held at the institute's four seminar halls. Our library has a large, welcoming atmosphere with OPAC library software. The digital library makes it easy to access e-journals and e-resources.

We have 660 computers with high-end computing capability and four IBM servers. Through a LAN, all PCs are linked to the internet.

Manageable switches control the network, which is protected by a

hardware firewall. The institute has a 120 Mbps internet leased line (ILL) for accessing different kinds of e-resources.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ges-coengg.org/wp-content/uploads/2022/12/4.1.1.pdf

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

The Institute provides not only excellent teaching-learning facilities but also offers sports, games, a gymnasium, and cultural events, allowing students to be adaptable and in line with the Institute's mission of "developing the holistic personality of the learners."

Running, jogging, walking, and yoga asanas are just a few of the physical activity types that are practised in this area. There are also other indoor, outdoor, and health-related physical activity types.

In addition to intercollegiate and interuniversity tournaments, students train for these events on campus in easily accessible athletic facilities.

These facilities are used for intercollege contests, technical events including "Robo-Race," "Gesttronica," "ELECTRO-SPARK," and "ASHWAMECH," as well as sporting events.

By hosting seminars and cultural events, students commemorate occasions such as Teachers' Day, Guru Purnima Day, Engineers' Day, and Women's Day. Student council members plan "Resonance," an annual social event that includes events including a cultural night, an art gallery, a Rangoli, the awarding of prizes, sports competitions, and more.

The institute annually sponsors the "Gokhale Inter- Engineering Colleges T-20 Tournament," a major cricket tournament with teams from different engineering colleges.

As per the university rules, physical fitness exams are given to first-year (UG) students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ges-coengg.org/wp-content/uploads/2022/12/4.1.2.pdf

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

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

4.59

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

4.2 - Library as a Learning Resource

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

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	View File
Paste link for Additional Information	http://219.91.189.90/webopac/home.html

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	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

2.27

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

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

98

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

4.3 - IT Infrastructure

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

The institute's IT infrastructure is continually being upgraded with cutting-edge computing, software, and Internet security. The institute has four higher-end servers which are capable to handle the load incurred during network activities. Currently, the institute has ILLwith 100 Mbps and 20 Mbps of Broadband

connection as per the AICTE norms. Our servers are well equipped with rack and manageable switches. The servers are installed network server OS such as Windows Server, RH Server, Ubuntu Server and CentOS. All laboratories are having a backup with UPS. Pcs are upgraded from as per requirements and latest computing processor is i7. The institute has isolated GPU based lab to fulfill the requirements of high-performance computing. The institute always promotes open source software such as Ubuntu, Open Office, MySQL etc., however, the institute has more than 400 Licensed copies The application software such as MATLAB, Altair Hyper Works, DSpace, ANSYS, Studio MAX, NetSim which caters the need of industries demands.

The institute has a SOPHOS XG230 for 230 concurrent users to restrict the users from accessing the unwanted sites and attacks. Internal security is managed by Quick Heal anti-virus which is installed on all machines and is centrally managed with Admin console.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ges-coengg.org/wp-content/uploads/2022/12/4.3.1.pdf

4.3.2 - Number of Computers

664

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

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

154.9

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

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

- The Institute contracts out the maintenance of infrastructural facilities such as the campus, elevators, water cooling/purification systems, and housekeeping to outside companies.
- Civil work is repaired and maintained based on requests and complaints received from various departments.
- IT related and hardware issues are maintained and rectified in-house
- The Institute has chosen an external agency for security purposes and CCTV has been installed at all sensitive and prominent locations.
- Renewal licenses and technical support for the various software are done on a yearly
- The RO and purifier system has been placed for the drinking water
- All computer laboratories have an UPS that ranges and it is also equipped with a PV Solar
- Minor repairing of materials and electrical concerns are done in house
- The equipment/instruments are calibrated on a regular basis by the relevant supplier or company.
- A fire extinguisher is refilled and inspected regularly. Also provided training on how to handle it in an emergency.
- The Library contains a large reading room as well as a

separate digital area for accessing e-resources.

- Sports facilities are provided for students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ges-coengg.org/wp-content/uploads/2022/12/Maintenance-Bills-21-22.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

1890

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

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

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

0

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	No File Uploaded

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to Institutional website	https://ges-coengg.org/wp-content/uploads/2022/12/5.1.3.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

738

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

388

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

5.1.5 - The Institution has a transparent

A. All of the above

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

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

388

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

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

5.2.2.1 - Number of outgoing student progression to higher education

15

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

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

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

4

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

5.3 - Student Participation and Activities

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

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

3

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

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

The Board of Students Development (BSD) form as per guideline and direction given by Board of Students' Development, Savitribai Phule Pune University (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. BSD tries to nurture students mental, physical, cultural growth with various activities to improve their overall personality development and to make them civilized Indian citizens to compete in the globalized world. The Student Council is governed by a committee of faculty members headed by Principal of the college. This year Student Council is further sub-divided into committees such as Student Grievance, Anti-Ragging, Cultural, Sports, Magazine, NSS, Equal opportunity cell, Student Development Cell, Student counsellor committee etc. The number of activities such as cultural (Resonance-2022), Publication of college magazine, NSS camp, vaccination camp, Shivrajya Din and annual prize distribution function are organized in entire academic year 2021-22. Various departments are also organizing different technical workshops and events to develop students personality and technical skills.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

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

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

5

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	View File

5.4 - Alumni Engagement

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

The 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. 7.To encourage and guide the students of the Institute on self-employment to become entrepreneurs. The alumni is guiding and nurturing our students to become engineering professionals.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

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

Gokhale Education Society's R. H. Sapat College of Engineering was established in 2009. AICTE approves it, New Delhi, Recognized by the Government of Maharashtra & all the programs are permanently affiliated to Savitribai Phule Pune University, Pune. Currently, Institute offers a minimal fee structure in the gradually emerging industrial town of Nasik. The institute has completed 105 years and comes under the umbrella of the Gokhale Education Society. Institute's mission is for the personal growth of all students with the best technical education possible at an affordable cost. Institute also encourages us to value humanity and to become responsible citizens of new India. In line with society's Mission and Vision, R. H. Sapat College of Engineering, Management Studies and Research also work to produce World-class Engineers to convert global challenges into Opportunities through "Value Embedded Quality Technical Education". The vision and Mission statements of all departments are formalized in line with the statement of vision and mission of the institute. The program outcome is mapped to verify the attainment of vision and mission statements

File Description	Documents
Paste link for additional information	https://ges-coengg.org/about-college-vision-mission-statement/
Upload any additional information	View File

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

As a part of administrative decentralization and participative management various bodies and committees are constituted to monitor all the academic and administrative and research activities.

Institute has a vision and mission which are futuristic in nature. They have satisfied the needs of society through the involvement of everyone in the process. Institute is ISO certified having well-defined and maintained documents under ISO . The Institute believes in promoting a culture of delegation and power by appointing HODs and coordinators of various cells/committees in the decision-making process of the Institute. Per the NAAC and ISO committees' requirements, multiple processes are identified and functional heads/coordinators are appointed for every process. Each function head will prepare an action plan before the semester starts and regularly present the action's status to the Head of the Institute.

The governance comprising of Governing Body (GB), a Local Management Council (LMC), a College Development Committee (CDC), and an Internal Quality Assurance Cell (IQAC) has played a significant role in the evolutionary reforms toward positioning the Institute in the preferred list of all stakeholders.

File Description	Documents
Paste link for additional information	https://ges-coengg.org/organizational-structure-of-the-institution/
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The strategic plan was developed by Governing body: Gokhale Education Society, with a view to a future roadmap for quality education, employability, 'Industry Standard Advanced Technology', and organization development, the strategic plan was devised. The project director and the Board of Directors will review progress periodically and update the plan annually.

The Mission is:

To Impart Value Embedded Quality Technical Education through effective Teaching-learning process. To Nurture Creativity & Critical thinking in applying Engineering skills to face the fast-growing globalization. To Develop the Holistic Personality of the learners. To make this Institute a Lead Centre of Research.

The project Director and Board of Directors envisioned courses in Engineering to meet ever-demanding industrial standards with employable students having cutting-edge skills like industrial automation, Postgraduate courses with higher education policy goals and performance measures have been implemented.

Keeping the employability and skill development of students in mind, the latest technology software for post-graduate courses has been purchased especially for students

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

Academy strategy plan is devised for benefit of students so that they can face challenges in an ever-changing industrial scenario.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://ges-coengg.org/gokhale-education-society-at-a-glance/
Upload any additional information	View File

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

The organizational structure of the institution all the departments of the institute have departmental committees coordinated by faculty members and monitored by the Head of the Department for the smooth conduction of academic and administrative activities. The institute has constituted committees as per the norms and also additional committees are constituted for internal coordination and monitoring of the activities. The institute is represented by the Principal on various committees at the Society level.

Service rules procedures: Statutes Governing Terms and Conditions of Service of the Professors/ Associate Professors/Assistant Professors appointed in the institute are governed by UGC, SPPU rules and regulations Under Section 42 and /or 73 of the Poona University Act, 1974.

Promotional policies: The employee promotion policy presents our guidelines for advancing and promoting employees of our Institute. We want to invest in our employees and reward those who perform well.

Grievance Redressal mechanism: Grievances Redressal cell deals with all types of grievances, complaints, and malpractices including those received from Students, Faculty, and other Stakeholders.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	https://ges-coengg.org/organizational-structure-of-the-institution/
Upload any additional information	View File

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

Teaching: Gratuity, Maternity Leaves, EPF, Group Insurance, Qualification up-gradation these all welfare schemes have been provided by the institution, Medical Leaves for Non-teaching: Gratuity, Maternity Leaves, EPF, Group Insurance, Permission for Qualification up-gradation

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

0

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

1

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

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

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

70

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

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

The institute carries out a performance appraisal process for both teaching and non-teaching staff. The institute observed three-tier structures for performance assessment. 1. Self-Assessment 2. HOD Assessment 3. Principal Assessment While self-assessment the individual staff makes the teaching-learning evaluation, curricular, co-curricular activity, Research activity, and Institutional assignments evaluation. The Head of the program evaluates the self-assessment given by individual staff and after quantitative and Qualitative analysis the remark is assigned in writing. Subsequently, the appraisal form is forwarded to the head of the institution for necessary action. Based on the evaluation made by individual staff and subsequent remarks given by the head of the program, the faculty/staff is called for interaction before the head of the institution. The final course of appropriate action is decided collectively by the principal and the Management. The staff is encouraged while those who lack expectations are counseled and guided for improvements.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Yes, The Parent Trust Gokhale Education Society appoints an Auditor for the financial audit. The institution is qualified to practice Chartered Accountants as an auditor who audits the accounts annually. The Audit is carried out to check various Vouchers, Ledgers, Bank Accounts Cash books, Tuition Fee Reconciliation, Fixed Assets, Investments, Advances, etc. The income Expenditure Balance Sheet is thoroughly checked by them. 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

31/03/2022

No suggestions received

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

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

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

Student fees are the major source of Institutional funding. This fund amount is deposited in the bank through which all bank transaction processes/expenses are incurred. For the optimal utilization of Institutional funding, the Principal looks after that funds are to be used in correlation with the budget, with due attention to transparency, economy, and efficiency.

The Institute has a well-defined policy and procedure to monitor the effective, efficient and optimal utilization of available financial resources for institute development.

Policy and Procedure include;

The annual budget for the institute is prepared at the beginning of the academic year, considering potential income and expenditures (recurring and non-recurring) involved for the year.

All the Departments of the Institute prepare their annual budget considering the required funds for the particular academic year.

The departmental budget for apparatus, types of equipment, instruments, consumables, semi-consumables items, and miscellaneous is prepared by the Head of the Department and scrutinized by the Principal of the Institute. Consent is sought from the Management.

All the bills/ invoices/ vouchers and purchase orders of expenses against sanctioned budget for a particular head are scrutinized by the Stores and accountant.

In the final stage, the accountant forwards the payment process through the Principal to Management and issues the cheque to the vendor duly signed by Society Authority.

By conducting different exams like NEET revenue is generated.

The deficit in the budget is managed by Society through a reserve fund if required.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

IQAC cell of the Institute has ensured the effective implementation of research culture through research projects, publications, faculty development programs, and training programs

The feedback from different stakeholders such as students, alumni, and employers is analyzed and appropriate steps have been taken by Institute for the overall improvement.

The I-CUBE cell (Industry institute interaction) of the institute is working continuously for bridging the gap between industry and institute by conducting activities that include expert talks, visits, industry-sponsored projects, in-plant training, etc.

To ensure the quality standards, the institute has completed the ISO audit and certification process for AY 2021-22 where the suggestions are observed. The institute has taken appropriate steps based on the suggestions received.

File Description	Documents
Paste link for additional information	https://ges-coengg.org/wp-content/uploads/2022/12/MOM-JUN-AND-DEC-2021-FOR-21-22.pdf
Upload any additional information	View File

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

To establish innovative technologies and research culture, the institute has arranged national conferences and faculty development programs in each department which also helps in the improvement of the teaching-learning process.

The institute has created a separate portfolio through the appointment of an academic research coordinator for improvement in record keeping, monitoring of funds, and performing audits

The publication of various research articles and papers in reputed journals and conferences to demonstrate their research work to other researchers in the field

The academic results have shown improvement due to value-added technical education in the last 2 years.

File Description	Documents
Paste link for additional information	https://ges-coengg.org/iqac-committee/
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the

B. Any 3 of the above

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)

File Description	Documents
Paste web link of Annual reports of Institution	https://ges-coengg.org/igac-committee/
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

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 "Emotional freedom techniques and balancing" by Mrs.Renuka Savajion 08/03/2022 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	https://drive.google.com/file/d/1W0mz8hk3nfybtKz1JrZVwFDog54zt805/view?usp=sharing
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://ges-coengg.org/wp-content/uploads/2023/05/7.1.1-Photos.docx

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

B. Any 3 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	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 onsite 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	View File
Geo tagged photographs of the facilities	View File

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

C. Any 2 of the above

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

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	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	D. Any 1 of the above
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	B. Any 3 of the above
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File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	View File

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

The 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 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 and regional festivals, like teacher's day, orientation and farewell program, Induction program, oath, plantation, Women's day, Yoga day, and also festivals like Ayudh Pooja celebration on dasera, 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 the-m 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)	View File
Any other relevant information	No File Uploaded

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

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	https://drive.google.com/file/d/1qlzwaggpT7dva7e6yly7fW0rxK18KC82/view?usp=sharing
Any other relevant information	https://drive.google.com/file/d/1qlzwaggpT7dva7e6yly7fW0rxK18KC82/view?usp=sharing

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	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	View File

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. 21-22 are attached in proofs. National Youth day was celebrated on 12 January 2022. While Human Rights Day was observed on December 10, 2021, National Unity Day (Rashitya Ekta Diwas) was observed on October 31, 2021, and Women's Day was observed on March 8, 2021, respectively. Mahatma Gandhi Jayanti with 'Swaachh Bharat Abhiyaan'. Shivaji Maharaj Jayanti, Teachers Day, and Engineers Day are also celebrated every year. But due to the pandemic situation, we could not celebrate these days during A.Y. 21-22.

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

7.2 - Best Practices

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

1. Industry Institute Interaction and Skill Development Our institute believes that skill development enhances the efficiency, and 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 an advanced topic in that domain under the guidance of allotted faculty member. Technical hands on workshops are designed and implemented to enhance the practical and application-oriented expertise at the third-year level. Most of these workshops conducted are free of cost. Students complete In plant training of 2-3 weeks in assigned industries. Institute-level project exhibition "I-RISE" is arranged to showcase the innovative projects implemented by students

2. : Motivation for Research The faculty and students are motivated to conduct research activities and present/publish the research paper at reputed conferences/journals. Awareness about

various funding schemes is created and faculty is motivated to write good research proposals and organize conferences, workshops, seminars and departmental technical events. Staff members are encouraged to pursue higher studies specially Ph.D. To inculcate research culture among faculty and students, eminent speakers from industries, researchers and scientists are invited to guide the faculty and students for developing good research culture.

File Description	Documents
Best practices in the Institutional website	https://ges-coengg.org/criteria-7-aqar-2021-22/
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, process analysis or plant maintenance. These activities have resulted in 64% of eligible students getting placed in 2021-22. **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	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

The following are future plans for next academic year 2022-2023.

1. **Industry Institute Interaction Activities:** To enhance the industry institute interaction activities in line with the department. Industry experts talk shows and Alumni talk shows and expert guidance sessions would be arranged.
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 placemen. Students to be promoted 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
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.
6. **Self-improvement activities** like FDPs, STTPs webinars conferences etc to be strengthened. Every faculty should attend FDPs/STTPs in a semester.