



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1. Name of the Institution

Guru Gobind Singh College of
Engineering and Research Centre,
Nashik

- Name of the Head of the institution **Dr. Neelkanth G. Nikam**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**

• Phone no./Alternate phone no. **02532372766**

• Mobile No: **9689908274**

• Registered e-mail **gcoerc.nashik@ggsf.edu.in**

• Alternate e-mail **neelkanth.nikam@ggsf.edu.in**

• Address **GURU GOBIND SINGH COLLEGE OF
ENGINEERING AND RESEARCH CENTRE,
KHALSA EDUCATIONAL
COMPLEX, GURU GOBIND SINGH MARG,
WADALA-PATHARDI ROAD, INDIRANAGAR
ANNEXE, NASHIK**

• City/Town **Nashik**

• State/UT **Maharashtra**

• Pin Code **422009**

2. Institutional status

• Affiliated / Constitution Colleges

• Type of Institution **Co-education**

- Location **Urban**
- Financial Status **Self-financing**
- Name of the Affiliating University **Savitribai Phule Pune University, Pune**
- Name of the IQAC Coordinator **Milind S. Patil**
- Phone No. **02532372766**
- Alternate phone No. **9422239228**
- Mobile **9422239228**
- IQAC e-mail address **iqac.gcoerc@ggsf.edu.in**
- Alternate e-mail address **milind.patil@ggsf.edu.in**

3. Website address (Web link of the AQAR (Previous Academic Year))

https://engg.ggsf.edu.in/home_dropdownmenu_page.php?pg_ds=aG0uZmxkX2hvZWVtZW51X2lkPTE0IGFuZCBoZC5mbGRfaG9tZW1lbnVfZHJvcGRvd25faWQ9MzUgYW5kIGhkcC5mbGRfaG9tZW1lbnVfZHJvcGRvd25fcGFnZV9pZD0zMA==

4. Whether Academic Calendar prepared during the year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

https://engg.ggsf.edu.in/menu_sub_dropdown.php?pg_ds=c3AuZmxkX21lbnVfaWQ9NSBhbmQgc3AuZmxkX21lbnVfZHJvcGRvd25faWQ9MTMgYW5kIHNoLmZsZF9tZW51X3N1YmRyb3Bkb3duX2lkPTEgYW5kIHNoLmZsZF9tZW51X3N1YmRyb3Bkb3duX3Bh

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.72	2019	01/04/2019	31/03/2024

6. Date of Establishment of IQAC

20/11/2017

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

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

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NIL	NIL	NIL	NIL	NIL

8. Whether composition of IQAC as per latest NAAC guidelines **Yes**

- Upload latest notification of formation of IQAC [View File](#)

9.No. of IQAC meetings held during the year **2**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report [View File](#)

10. Whether IQAC received funding from any of the funding agency to support its activities during the year? **No**

- If yes, mention the amount

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

- AQAR - Preparation and Submission for the Year 2018-19 and 2019-20
- Stake holders feed back taken and analyzed
- Successful Submission of SAR at NBA portal for the accreditation in the the month of April 2021
- Organized International Conference ICRCMI-2021 in the month of March 2021
- Development and Submission of Research Proposal to various funding agencies
- More than 15 FDP/STTP/Workshops were organized
- Previously applied patents were now taken up for the examination and grant process
- Various Social activities were conducted through AASTHA forum of the institute

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
NBA Accreditation	Submitted SAR for accreditation in Apr 2021
International Conference	Organized International Conference ICRCMI-2021 in the month of March 2021
Research funding	Received funding for research from DST and IITB
Patent	Total 3 patents which are previously filed are now taken up for examination and Grant, One new Patent is now applied by faculty

13. Whether the AQAR was placed before statutory body? **No**

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14. Whether institutional data submitted to AISHE

Part A

Data of the Institution

1.Name of the Institution	Guru Gobind Singh College of Engineering and Research Centre, Nashik
• Name of the Head of the institution	Dr. Neelkanth G. Nikam
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02532372766
• Mobile No:	9689908274
• Registered e-mail	gcoerc.nashik@ggsf.edu.in
• Alternate e-mail	neelkanth.nikam@ggsf.edu.in
• Address	GURU GOBIND SINGH COLLEGE OF ENGINEERING AND RESEARCH CENTRE, KHALSA EDUCATIONAL COMPLEX, GURUGOBIND SINGH MARG, WADALA-PATHARDI ROAD, INDIRANAGAR ANNEXE, NASHIK
• City/Town	Nashik
• State/UT	Maharashtra
• Pin Code	422009
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• Type of Institution	Co-education
• Location	Urban
• Financial Status	Self-financing

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Nil	Nil

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2020-21	29/01/2022

15. Multidisciplinary / interdisciplinary

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16. Academic bank of credits (ABC):

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17. Skill development:

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

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19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):
20.Distance education/online education:

Extended Profile

1.Programme

1.1	161
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	1406
Number of students during the year	

File Description	Documents
Data Template	View File

2.2	255
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	411
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic

3.1	67
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Number of full time teachers during the year		
File Description	Documents	
Data Template	View File	
3.2	80	
Number of Sanctioned posts during the year		
File Description	Documents	
Data Template	No File Uploaded	
4.Institution		
4.1	35	
Total number of Classrooms and Seminar halls		
4.2	11803386	
Total expenditure excluding salary during the year (INR in lakhs)		
4.3	360	
Total number of computers on campus for academic purposes		
Part B		
CURRICULAR ASPECTS		
1.1 - Curricular Planning and Implementation		
1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process		
<p>The Institute is affiliated to Savitribai Phule Pune University, Pune (SPPU). The curriculum is designed by the SPPU. In the last five years institute has gone through the change in syllabus from 2015 pattern to 2019. The examination scheme is specified by the university for theory, term work, oral, practical, seminar and projects.</p> <p>Institute practices to calculate the attainment of course learning outcome by Direct and Indirect method. Direct attainment is based on semester end examination (SEE) and continuous internal evaluation (CIE) which directly measure the achievement of expected outcomes. The SEE is grounded on the university examination result and cognitive dimensions are considered for CIE</p>		

assessment.

Apart from this institute ensures effective curriculum delivery through following aspects:

Academic Calendar of Department

Affiliating university (SPPU) disseminates academic calendar for every semester. Head of the Department prepares departmental academic calendars in line with university academic calendar to achieve their program objectives. The departmental academic calendar forms the basis for the effective curriculum planning and implementation.

Teaching Load Distribution

At the end of the semester, teaching faculties are asked to submit the choice of the subjects along with preference for forthcoming semester. A subject distribution meeting of faculties is conducted by the HOD. Utmost care is taken about balance of subject choice and individual expertise. Accordingly time tables are prepared for smooth academic conduction.

Course File and Teaching Plan of all faculties

Every course teacher prepares his/her course file for the allotted course / courses. A course file in the form of Academic Diary includes Course Structure, Syllabus, Teaching Plan, Instruction and learning Material and other relevant documents. Course outcome statements are prepared referring to the syllabus of the affiliating university and CO-PO mapping is done by respective course faculty

Expert Talks and Industry visits organized by Department

To ensure practical applications and fundamental knowledge related to the course or to bridge the curriculum gap (if any), industrial visits and expert lectures are arranged as per the academic calendar.


Co-Curricular Activities Organized by the Department

Department arranges various co-curricular and extracurricular activities based on personality development, soft skills, event management, professional ethics, etc. Every department has students association which organizes various activities like

debate, poster competitions, technical quiz, sports etc. Department also encourages the students to participate similar type of activities organized by other institutions at various levels.

Examples of Academic Monitoring through ERP

Institute practices e-governance system through ERP, which helps for the Planning and development of Academic, Accounts, Administration, Admissions etc. It maintains the data and generates reports as per requirements. The academic reports like attendance, students' feedback, syllabus status, lecture report, student absent report etc. are generated for strengthening the academic. It also facilitates to communicate the absenteeism intimation of student to the parents through SMS.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	https://engg.ggsf.edu.in/menu_subdropdown.php?pg_ds=c3AuZmxkX211bnVfaWQ9NSBhbmQgc3AuZmxkX211bnVfZHJvcGRvd25faWQ9MTMgYW5kIHNwLmZsZF9tZW51X3N1YmRyb3Bkb3duX2lkPTEgYW5kIHNwLmZsZF9tZW51X3N1YmRyb3Bkb3duX3BhZ2VfaWQ9MQ 

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

Institute is affiliated to the Savitribai Phule Pune University, Pune and follows the curriculum and academic calendar issued by the affiliating University. After review of the University academic calendar and the various other requirements like curricular, extra curricular and co-curricular activities institute prepares its own academic calendar and follows the same. In some unavoidable situations there may be the minor changes identified at the institute level. Approval to academic calendar is obtained during the meetings of Board of Governance / College Development Committee, institute then adheres to the academic calendar ensuring the following points

- Start of the teaching and learning process as per the University academic calendar
- Planning of lecture and practical hours as stated in the

<p>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</p>	<p>B. Any 3 of the above</p>
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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

3

File Description	Documents
Any additional information	No File Uploaded
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)

2

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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

100

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

100

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

Various cross cutting issues are integrated in the curriculum by the affiliating University

.Environment and Sustainability (E&S):

As a conscious effort and contribution towards green environment awareness, institute encourages to adopt 'Go Green' methods. Sustainability is achieved by reducing waste, implementing green technologies, adopting energy efficient and effective technologies. The curriculum has incorporated environmental and sustainability issues through courses such as

- Energy Audit and Management
- Refrigeration and Air Conditioning
- Road Safety
- Innovations in engineering field/ Agriculture

- Fire & Safety Technology
- Basic Civil & Environmental Engineering
- Hydrology and Water Resources Engineering
- Environmental Engineering
- Air Pollution and control
- Environmental Studies
- Smart Cities
- Water Management
- Green Computing

In order to sensitize students about the environment and sustainability issues, a number of activities such as seminars, workshops, guest lectures, industrial visits and field excursions, Tree Plantation Programs, Gram Swachata Abhiyan (through NSS programs) are organized for students. The final year students are also encouraged to take projects which address environmental issues.

Human Values:

Issues like Human Values and Professional Ethics are addressed in the curriculum through the following courses

- Computer Forensic and Cyber Applications
- Cyber Security
- Humanities and Social Sciences
- Professional Ethics and Etiquettes
- Emotional Intelligence
- Value Education
- Intellectual Property Rights

Students are imparted with human values, communication skills, professional ethics through courses introduced by the university like soft skill, employability skill development, etc. Specialized expert lectures, training courses are additional co-curricular activities conducted in the institute to practice and develop their personalities.

The institute takes additional efforts through extracurricular activities like blood donation camps, digital technology awareness for making students sensitive towards human values. To understand the role models of human values and social ethics institute regularly celebrates programs like Republic Day, Independence Day and Anniversaries of great personalities.

Institute focuses on various the cross cutting issues of gender

equality, environment and sustainability and human values through university curriculum and is integrated with institutional practices. Institutional practices are carried out through the National Service Scheme (NSS), Training and Placement (T&P), Institutional Social Responsibilities (ISR), etc.

Gender Issues:

Though the issues of gender equality are not addressed through the University curriculum, Institute strives hard to create and maintain an environment where students, faculty and non-teaching staff can work together in an atmosphere free of gender violence, sexual harassment, and gender discrimination. Women’s Grievance Cell is established to sensitize the students and employees on gender issues and make them aware about various implications of gender discrimination. Activities like seminars, expert lectures, etc. on gender sensitization are organized periodically to enable students to interface with real life situations. These activities create a congenial working environment. Institution abides to the gender wise admissions process of Directorate of Technical Education, Maharashtra and recruitment as per norm set by competent authority.

Student Council also plays an important role in sensitizing the students on gender issues to give equal representation for both genders.

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

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

33

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	No File Uploaded
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

1406


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
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File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	No File Uploaded
Any additional information(Upload)	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
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File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	https://engg.ggsf.edu.in/menu_subdropdown.php?pg_ds=c3AuZmxkX211bnVfaWQ9NSBhbmQgc3AuZmxkX211bnVfZHZJvcGRvd25faWQ9MTMgYW5kIHnwLmZsZF9tZW51X3N1YmRyb3Bkb3duX2lkPTYgYW5kIHnwLmZsZF9tZW51X3N1YmRyb3Bkb3duX3BhZ2VfaWQ9Ng 

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

300

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

123

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

We have a streamlined mechanism for continuous monitoring and evaluation of the students. We are considering 3 grade factors for identifying the level of students. This system helps to identify slow learners & advance learners.

Strategies for identifying learners:

An Induction program is organized for newly admitted first year students and they are introduced to the engineering curriculum. The Principal, academic dean and HODs address the students and clarify their doubts regarding the engineering education. The staff members engage into positive interactions with the students and get to know their family and educational background.

Students are identified based on:

1. 10th Class %
2. 12th Class %
3. 12th PCM Score
4. CET / JEE

Rating:

Average of all above is calculated based on 10-point scale. Students having score more than 6 are considered as advanced learners and score below 6 are slow learners

A revision of the basic principles of the subjects such as Physics, Chemistry, Mathematics is done by the respective faculty before teaching the engineering curriculum. The faculty interact informally with the students during the revision sessions so as to make them comfortable, thus creating a positive atmosphere for

learning which is necessary specially for slow learners. The progress of the students is monitored by the faculty during the laboratory sessions as well. The learning level of students from higher classes is judged from the analysis of the results of the university examination. Students with 2 or more backlog subjects are identified as slow learners and others are identified as advanced learners. They are encouraged to participate in technical competitions that are organized in-house as well as outside of the Institute.

Following special practices for slow learners are followed

- Arranging remedial classes
- Arranging additional test
- Providing learning notes
- Solving university question papers
- Encouraging to use library e-resources
- Providing attention during laboratory sessions

File Description	Documents
Link for additional Information	Nil
Upload any additional information	No File Uploaded

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

Number of Students	Number of Teachers
1406	67

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

As an engineering education institute we adopted an outcome based education (OBE) program with the vision of NBA accreditation in near future. Academic Dean and Heads reviews syllabus of the University and accordingly decides the students learning requirements. After studying the course objectives and the course outcome academic processes are designed and oriented towards

student learning. It is the teacher's responsibility that he/she must have to explain and communicate the course objectives and course outcomes at the start of teaching to the students.

Teacher determines the attainment of course outcome (CO) directly or indirectly

Direct measurement of CO attainment is through

1. Measurement of CO attainment through evaluation of practical / assignments / tutorials
2. Measurement of CO attainment through class test if any
3. Measurement of CO attainment through University examination (all CO's combine measurement)

Indirect measurement of CO attainment is obtained through any of the following tools

1. Student feedback for extracurricular various activities
2. Program exit survey
3. Alumni survey

Based on above teacher prepares their teaching plan and course file. Teachers are also encouraged and sponsored to attend training programs / workshops / seminars to improve teaching and technical skills.

Final year project is yet another platform available to students for collaborative and interactive learning. Institute supports department faculty to organize project competitions and student conferences / workshops / technical events so that students can demonstrate the outcome of their collaborative and interactive learning.

In addition, support is also extended to following activities to make learning student centric:

- Mock viva
- Group discussions
- Training for aptitude tests
- Seminars for independent learning
- Quiz
- Industry Visit
- College magazine
- Annual social - Debates, Seminars
- Various events organize by departments

- Students participation at various events at other institutes

Teachers also use NPTEL videos which are available in the institute for teaching and informed to the students about these videos to promote independent learning. The institute extends financial and infrastructural support for all such activities.

File Description	Documents
Upload any additional information	No File Uploaded
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

Following various ICT enable teaching learning practices are followed in the institute with the help of following ICT tools/facilities

- 1) Internet Connection - High speed internet connections are available in all class rooms and faculty seating areas
- 2) LAN facility is available connecting all labs, class rooms, seminar hall etc.
- 3) Wi-Fi facility - Limited Wi-Fi facility is available
- 4) Projectors - Projectors are available for teaching and learning
- 5) LCS - Lecture capturing system hall is available for faculty
- 6) Desktop and Laptops - Arranged at Computer Lab and Faculty cabins in each department.
- 7) Printers- They are installed at Labs, HOD Cabins and other places.
- 8) Scanners- Scanners are available, faculty uses the facility for development of scan images used in teaching and learning processes
- 9) Online Classes through Zoom, Google Meet, Google Classroom
- 10) MOOC Platform like NPTEL, Edux etc. are available

11) Digital Library resources like DELNET, NDL, IIT-videos on central e-data storage available and connected through LAN

Use of ICT by Faculty:

1) Conducting classes through Google meet platform and Google Class rooms during pandemic situations

2) Developing learning videos

3) Use of Virtual labs

4) Use of power point presentations and Videos

5) Use of e-resources such as NPTEL videos, IIT videos

6) Arranging virtual industrial visits

7) Arranging online experts/guest lectures

8) Conducting online examination

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	Nil

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

66

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	
67	
File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
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	
7	
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	
279	
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.

At the start of each semester, institute plans its academics and ensures the continuous internal evaluation. Continuous internal evaluation includes:

- 1) Evaluation through the internal test
- 2) Evaluation through the practical performance
- 3) Evaluation through assignments if any
- 4) Evaluation through monitoring of seminars at third year of study
- 5) Evaluation through monitoring of projects at final year of study

Institute ensures transparency in its internal assessment through following practices

- 1) Academic calendar is displayed on website well in advance that include the dates of internal test, in-semester exam and end-semester exams
- 2) Frequency of internal test is twice in a semester
- 3) Syllabus for test 1 is first three units and for test 2 is next three units
- 4) Class test are conducted in Online / Offline mode depending on the situations
- 5) Notice regarding class test is circulated through what's app groups well in advance that includes syllabus for test, date, time and venues
- 6) Awareness to the students regarding rubrics used in their final term work assessment
- 7) Students internal test papers are shared with students after evaluation

8) Practical are checked by faculty and marks are awarded based on student performance and communicated through students submissions

9) Students seminar are evaluated twice in a semester as communicated well in advance

10) Project review are conducted twice in a semester as communicated well in advance

Institute ensures robustness in its internal assessment through following practices

1) Two class test and their syllabus coverage is always fixed for every course

2) Question papers are set by faculty inline with course outcome and blooms level of learning

3) Maximum marks and duration of the class test is fixed and communicated

4) It is mandatory that student should get every practical evaluated from the faculty

5) Practical evaluation rubrics are now the parts of Practical Plan

6) Final term work marks are awarded based on internal evaluation, weightages of the Unit test 1, Unit Test 2, Practical, Assignment and any other evaluations decided by faculty

7) Seminar marks are awarded based on performance in the review

8) Project marks are awarded based on performance in the review

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

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

The Institute Examinations section is constituted for conduction of university examinations and making policy decisions in regard

to organizing and holding examinations and to deal with examination related grievances from students.

The following are the common grievances which are normally addressed in the past by the committee.

1. Student may be marked absent by mistake for particular paper/subject, even after appearing for that paper.
2. Non receipt of mark sheet after declaration of result
3. Non declaration of result of student some time kept reserve by the university due to some reasons
4. Inability of submission of Examination form by student within time
5. Non issue of Hall ticket for Examination by the university
6. Name correction in mark sheet
7. Special Examination for students participated in University tournaments and other activities
8. Re-Evaluation - Photocopy not received, Wrong Photocopy, Wrong total marks,
9. On line university payment problems of examination fees, revaluation fees etc.
10. Exam Forms - Name correction, Login issues, subjects are not appearing, eligibility number is not available, College and University transfer issues,
11. In semester examination - Carry forward and reappearance for in-semester and online examination issues
12. NSS/Sports Ordinance 163 Issues
13. Mark sheet errors
14. Online marks submission error
15. Students name in the examination summary

The working mechanism is as given below

1. Under all cases of grievances, the institute examination section is responsible to help students to solve their issue. College Examination Officer submits student's application along with the endorsement of principal and all necessary documents to university.
2. The examination section office representative takes the follow up from university
3. As per our past experience, the problems get resolved within a week time and corresponding student gets modified/corrected documents from university.
4. In exceptional cases, it takes two weeks time from the university. Thus, the mechanism to deal with examination related grievances is time bound and efficient.

5. Those students who get fewer marks than expectation or fails in the subject have to apply for photo copy of answer sheet.
6. Conventionally, the university has a process of providing a photo copy and revaluation to deal with such grievances.
7. As per university rules, the student has to apply on-line on university website through his login and provide the necessary details related to his complaint.
8. After submitting on-line form, a hard copy of application with necessary fees receipt paid online needs to be submitted to the university.
9. University provides soft copy of answer sheet on student's email ID within a month.
10. A printout of scan copy of answer sheet is also provided to student on his request by college office.
11. After going through the photocopy of answer sheet received, the student of required can further apply online through his login for revaluation
12. Student should then submit the hard copy of the application with respect of fees paid online to the university

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

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

Institute is affiliated to the Savitribai Phule Pune University and approved by AICTE. University defines the course structure, course content, examination scheme, course objectives and course outcome. The institute follows these CO statement during the curriculum delivery. The programme outcome (PO) statements stated by National Board of Accreditation are adopted the institute.

Faculty and Students are well aware with CO and PO statements by following means

- PO statements are displayed in departmental corridors
- PO statements are displayed in laboratories and faculty seating area

- PO statements are disseminated through the institutes website
- Teachers discusses PO statements at the start of course delivery
- Course objective and Course Outcome (CO) statements are stated in the syllabus provided by the affiliating University
- CO and PO statements are the part of the course file
- Faculty prepares the Lesson Plan and mapped their lectures with CO
- CO statements for each courses are displayed at the institutes website under each offered program details
- CO statements are discussed by the faculty at the start of course delivery
- Faculty writes these statements in their academic diary
- Faculty does CO-PO mapping for each course referring these statements and the content of the course
- Faculty determines the CO attainment through unit test, practical evaluation and or assignments
- Head of department and Faculty determines the PO attainment at the end of the each academic yea

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil
Upload COs for all courses (exemplars from Glossary)	View File

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

Process for CO-PO Attainment:

- 1) Course outcomes are the statements that indicates what the student will able to do after learning of the course.
- 2) CO statements are described by the University for every course

included in the curriculum of the program. Generally, there are 6 number of statements of the CO.

3) PO statements based on the graduate attributes are globally accepted and provided by the National Board of Accreditation. These 12 numbers of statement are adopted by the each program

4) At the start of each academic year CO-PO mapping is done by the individual course teacher. Mapping is done on the level of 1 to 3 (1- Low, 2-Medium, 3-High), where level indicates the contribution of the particular CO to the particular PO

5) CO attainment is calculated through CIE (Continuous Internal Evaluation) and SEE (Semester End Evaluation)

6) Weighted average is considered for CO attainment CIE-40% and SEE-60%

7) CIE includes the evaluation of CO attainment through

a) Unit test -1

b) Unit test -2

c) Practical Evaluation

d) Assignments if any

8) SEE includes attainment of all CO's based on University examination result

9) PO attainment of every individual courses is then calculated by individual faculty

10) PO attainment of all the courses included in the entire program is tabulated and average of individual PO is the PO attainment through direct method

11) To calculate PO attainment by indirect method, the program exit survey is conducted based on PO statements

12) Individual program also conducts the feedback on activities like experts lecture, industrial visit etc.

13) Overall PO attainment is then calculated as weighted average of the Direct and Indirect method of the PO attainment. 80%

weightage is considered for direct method and 20% weightage is considered for indirect metho

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

2.6.3 - Pass percentage of Students during the year

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

411

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://engg.ggsf.edu.in/images/pdf/61bd3fbd4d0b40Updated%20Batch%20Passing%20Result.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://engg.ggsf.edu.in/menu_subdropdown.php?pg_ds=c3AuZmxkX211bnVfaWQ9NSBhbmOgc3AuZmxkX211bnVfZHZJvcGRvd25faWQ9MTMgYW5kIHNVLMZsZF9tZW51X3N1YmRyb3Bkb3duX2lkPTYgYW5kIHNVLMZsZF9tZW51X3N1YmRyb3Bkb3duX3Bh

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)

5.06

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

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

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

1

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

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

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

20

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

3.2 - Research Publications and Awards

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

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

11

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

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

15

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

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

The staff and the students of the institute are always ready to extend services in the neighborhood community. They are sensitized towards social issues and holistic development. Activities includes:

- Joining hands with Local government (Gram Panchayat), Municipal Corporation, Police
- Public in general
- Celebration of birth anniversaries of National heroes.
- Camps on Blood donation,
- Environment conservation
- Campus Cleaning

Various activities conducted for sensitizing students through institutes social club AASTHA and NSS. These activities add to overall development of the students and nurture human values. Institute follows a mechanism for students' involvement in various social activities which promote citizenship roles. Institute receives an activity calendar from affiliating university for yearly activities on NSS platform. NSS faculty representatives from the institute are deputed various trainings, which are responsible for smooth conduction and organization of various events. Students are enrolled to the NSS unit through departmental faculty representative. One of the faculties is appointed as "Student welfare officer for coordinating various activities planned by the affiliating university for execution at the institute level. Besides this, the institute organizes other activities also as per need and availability of time without affecting academics.

Impact of all such activities

- The spirit of voluntary work through sustained community interaction and link between campus and community is enthralled amongst students, which reflects on the personality development of students through community service.
- Various activities conducted towards community services and appreciations received from many social medias.
- Online / offline activities are conducted following the COVID norms during the pandemic period like Womens safety, Ganpati and Nirmalya Visarjan, Visit to Orphange, Independence Day, Republic Day, Blood Donation, Medical and Health Care, Yoga, etc.
- Holistic development of students contributing to good citizenship
- Understanding pandemic situations and need of the people

File Description	Documents
Paste link for additional information	https://engg.ggsf.edu.in/home_menu_page.php?pg_ds=aHAuZmxkX2hvbWVtZW51X2lkPTEtIGFuZCBocC5mbGRfaG9tZW11bnVfcGFnZV9pZD00
Upload any additional information	No File Uploaded

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

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

00

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

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

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

00

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

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

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

00

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

3.4 - Collaboration

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

67

File Description	Documents
e-copies of linkage related Document	No File Uploaded
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	No File Uploaded

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

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

41

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	No File Uploaded
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.

Institute has provided the infrastructure as per the norms laid down by AICTE and upgrade as per the growth/expansion and requirement of revised curriculum if any. Few laboratories are developed through industry institute partnership.

Following infrastructure facilities provided by the institute:

- The institute was established in the year 2013. Since then the requirement of physical infrastructure was duly identified,
- The college campus has sufficient space for all academic, administrative, co-curricular and extra-curricular activities
- No Deficiency Report is issued by AICTE every year which ensures that the availability of the infrastructure is in line with the academic growth
- Most of the class rooms are equipped with LCD Projectors and screens.
- Central facilities like office, auditorium, conference hall central library, computer centre, examination control office, canteen and student recreational facilities, ladies common room, boys common, yoga room etc. are provided
- Required parking facility is available in the campus

Details of Infrastructure:

Sr. No.

Infrastructure Details

Area in Sq. m

I

Instructional Area

6887

II

Administrative Area

1595

III

Amenities

1175

IV

Circulation and Others

2390

Electrical Infrastructure:

- 315 KVA Electrical Transformer
- 160 KVA Generator
- UPS for uninterrupted electrical supply
- Heavy water pumps for fire hydrant system.
- 20 kVA Rooftop Solar PV Plant

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://engg.ggsf.edu.in/criteria_record.php?year=Mw==&pg_ds=aGRwLmZsZF9ob21lbWVudV9pZD0xNCBhbmQgaGRwLmZsZF9ob21lbWVudV9kcm9wZG93b19pZD0xNSBhbmQgaGRwLmZsZF9ob21lbWVudV9kcm9wZG93b19wYWdlX2lkPTE3&criteria=NA==

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

To ensure all round development and physical fitness of the students institute provides facilities for sports. The institute celebrates sports week during the annual day function. Various sports competitions are organized during this week. Based on the results of these competitions a sports trophy awarded to the winning department every year. Students are encouraged to participate in sports competitions organized by the affiliating university and other organizations. Apart from sports activity to identify the hidden talents of the institute, cultural programs are organized. Institute has also provided a separate hall for yoga and meditation.

Outdoor Games

Institute has provided facilities for following outdoor games

- Basket ball
- Volley ball
- Basket ball
- Kho-kho
- Cricket
- Foot ball

Indoor Games/ Facilities:

Indoor game facilities like table tennis, chess, carom and gymnasium are provided by the institute

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/126NMf36JjzSPJDEE--HiZdDSAPcncIUM/view

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

47

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

47

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://engg.ggsf.edu.in/criteria_record.php?year=Mw==&pg_ds=aG0uZmxkX2hvbWVtZW51X2lkPTE0IGFuZCBoZC5mbGRfaG9tZW11bnVfZHJvcGRvd25faWQ9MTUgYW5kIGhkcC5mbGRfaG9tZW11bnVfZHJvcGRvd25fcGFnZV9pZD0xNw==&criteria=NA==
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)

7665312

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	No File Uploaded
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)

Central Library has sufficient infrastructure. It has an excellent collection of books, journals, periodicals, newspapers, CDs, DVDs, e-books, audio books, databases etc. Operations are computerized using software. Open access is allowed and implemented barcode technology for circulation.

Library Overview:

- Total area of the library: 480.37 sqm.
- Spacious Reading Hall: 200 seating capacity
- Reference books: Available as per the curriculum
- Book- Bank Facility: 354 books.
- Digital Library
- E-resources:
- Network attached storage facility (40 TB)
- Online Book search System: Online Public Access Catalogue (OPAC)
- Nature of Automation : Fully automated
- Year of Automation - 2013 right from establishment of Institute.

Integrated Library Management System

The purpose of ananosoft EMS 2010 Integrated library management software for library automation is to develop and implement the

quality services to users. Following operations are carried out by using ananosoft EMS 2010 software:

- Book /Periodical/Book Bank Transaction (Issue/Return/Reservation)
- Requisition (For Purchase, Maintenance, New Books etc.)
- Book Bank
- Periodicals
- Book Accession Register
- Book Barcode generation & Printing
- Online Public Access Catalogue
- All Required Report for Library Management System
- Identity Card Generation with Barcode

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

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)

144015

File Description	Documents
Any additional information	No File Uploaded
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

18

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

As per the need of the curriculum, the institution frequently reviews and upgrades its IT facilities and has required computing facilities which include hardware, software and networking. Revision in syllabus and up-gradation of existing software's demands up-gradations in the IT infrastructure.

Institute follows following practices for up-gradation of its IT facilities

- The up gradation of computer systems is taken up on a periodic basis and when the necessity arises.
- Also updation in Wi-Fi routers takes place periodically.
- The IT infrastructure is also upgraded in terms of the software again due to frequent revisions and updations in the newer software released.
- Internet Bandwidth: - Based on use and necessity it is updated
- Wi-Fi Facility: - If any up-dation requires with reference to digitalization and internet bandwidth load it will be updated
- Institute has purchased HPC Servers with 4 core to tackle

internet-scale problems efficiently

- Most of the classrooms and laboratories are equipped with LCD projectors and a PC with internet connectivity. Latest versions of LCD's are fitted in auditorium, conference and seminar halls.
- Software's are updated as and when there are the revisions at higher configuration
- License software receives free up-gradation if it is a part of supply purchase order

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/file/d/1lVEHvX0bPBol4Ouw0ftZFiWX0M4X2DDc/view

4.3.2 - Number of Computers

360

File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

7665312

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts.	No File Uploaded
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.

Departmental Laboratory Maintenance

Each department separately carries their maintenance activities .The laboratory in-charge and technical assistant carry out preventive maintenance periodically.

For breakdown maintenance following is the procedure:

- Lab in-charge on observing the breakdown of lab equipment informs to the HOD.
- HOD and the lab in-charge then reviews warranty status of the equipment.
- If the equipment is under warranty, supplier will be called for the maintenance
- If the equipment is not in warranty then the maintenance service provider is identified .
- HoD discuss the problem with service provider and calls for the quotation.
- Quotations are reviewed by Principal and final approval obtained.
- Maintenance is then carried

Electrical Maintenance

1. Diesel Generator Set, Air conditioners, Electric Lift, Maintenance

Institute has annual maintenance contracts with competent agencies

2. Day to day electrical maintenance:

The technical assistant and faculty coordinator from the

electrical department carries maintenance.

College Vehicle Maintenance

Vehicle in-charge reviews the requirements of preventive and breakdown maintenance

Civil Maintenance

Faculty in-charge from civil department, who obtains approval for civil maintenance works. Workshop staff carry out minor repair and maintenance in-house.

IT Services Maintenance

Head of computer department reviews requirements of various departments/sections and carry out the maintenance

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/file/d/1mTUswxox0JuXM9hlHX4BrQ3lvdbCG-yt/view

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

1221

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
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

19

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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

B. 3 of the above

File Description	Documents
Link to institutional website	Nil
Any additional information	No File Uploaded
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

81

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

81

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

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

A. All of the above

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

68

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

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

3

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
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

0

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded

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.

0

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
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)

Affiliating University has provided the guidelines for the formation of student's council. Under the provisions of chapter IX (99) (3) of the Maharashtra Public Universities Act, 2016, Students' Council is constituted in our college. The objective of the student council is to look after the welfare of the students and to promote and coordinate the extracurricular activities in the institute. The student council has mainly following representations

- Principal - Chairman
- Student Welfare Officer
- One Lecturer, nominated by the Principal
- National Service Scheme Programme Officer
- One student from each class as representative
- Director of Sports and Physical Education
- One student from each of the following activities, who has shown outstanding performance, nominated by the Principal, namely:-

1. Sports
2. National Service Scheme
3. Cultural Activities
4. Two Girls student members nominated by the Principal/Director

Frequent meetings of student council are called by the Principal with agenda points such as planning for organization of extracurricular activities, sports and cultural event, annual

function or any such major program in the institute. The members of the students' council who are the representatives of all the students on the roll of the institute are free to put any point as they wish to discuss during the meeting.

Students are also members on the administrative bodies like

- College Development Committee
- Internal Quality Assurance Committee
- Anti-Ragging Committee
- Internal Complaint Committee (Women's Grievances)
- OBC Committee
- SC and ST Committee
- Grievances Committee

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

2

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

5.4 - Alumni Engagement

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

Guru Gobind Singh Foundation's Alumni Association has been registered with the great aim and objective such as to extend every possible help to the college authorities and the students for overall progress of the institution by remaining united.

The institution has registered alumni associations. It is motivating the newly registered alumni for major contributions for institutional, academic and infrastructure development in future. The mission of "Guru Gobind Singh Foundation's Alumni Association" is to create and maintain a lifelong connection between the institute and its alumni. As stakeholders of the institution, alumni visits to the college, for interactive sessions for their juniors which tends to create a familiar culture.

The students are requested to fill the alumni registration form and application form as lifetime registration for alumni association before they receive their Leaving Certificate. The data is collected and processed by the alumni association coordinator. Alumni of our first batch graduated in July 2017 were called in the institute on the occasion of the first convocation and the first alumni meet on 03/03/2018. In pandemic situations virtual meet was organized. Total alumni registered till AY 2020-21 are 987.

The alumni are actively engaged with institute and meet at least once a year. The alumni engagement mechanism of the institute achieves this by inviting alumni as members of the executive body of alumni association.

A basic concept in alumni relations is to "treat them as ambassador of the institute".

Following are the ways by which alumni contributes to the institute

- Paying registration fees and strengthening the association
- Book donations by alumni
- Career guidance to under graduate students
- Participation in various administrative and academic bodies as a member
- Experts lectures
- Sharing their professional experience with their junior during alumni meet.
- Placement assistance
- Introduction of the institute to various industry

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

Vision

An institute striving for excellence in providing Transformative Engineering Education and Stimulating environment for Research to enhance skills for Developing Intellectuals and to Inculcate quality education with Social and Technical knowledge which will benefit the Society and Industrial Challenges.

Mission

1. To be a Technical Educational Institute in transforming aspiring engineers through rigorous course work and skills.
2. To benchmark with the best global standards of quality education
3. To enhance commitment of the faculty, staff and students by inculcating the spirit of inquirer, team work and professionalism.
4. Establish a Centre of Excellence to enhance academia-industry partnership, work on collaborative projects, develop new products, services and patents.
5. To develop globally competent students, enhancing indigenous technological skills and inculcate entrepreneurship in them.

Institute aims to impart technical education by bridging the gap

between industry and academics so as to produce technical graduates with such quality and skill/competency necessary to make them more employable and an asset to the society through their holistic development.

A system has been developed to achieve this vision through a multi layered team involving, top management members as Board of Governance, Executive Director, Principal, Vice Principal, Dean Academic, HOD's, and faculty.

The Board of Governance consisting of management members, experts from academia, industry, research and life skill promoters, formulate guidelines for effective implementation of vision and mission and dissemination of Engineering education. A perspective plan exists for the overall development of institution, faculty and students. Emphasis is paid on employing qualified and experienced faculty, providing state of art facility of infrastructure and laboratory, in plant training, specialized in house training through Industry- Institution Partnership excellence centre of SIMENS and BOSCH, Robotics and Mechatronics Laboratory are established and provides various certificate programs. These actions aids in bridging the gap between industry and institution, their by preparing skilled technical professionals with excellent employability and entrepreneurship skills.

Faculties are the vital constituent for effective implementation of vision and mission of the institute. Faculties are involved in academics and administrative activities through their inputs and are instrumental in successful implementation of various activities like academics, examination, extracurricular and co-curricular activities. They are also a part Board of Governance, various college developmental bodies/ committee like IQAC, CDC, ICC, Women grievances, Anti Ragging committees.

Faculty are continuously encouraged to upgrade and acquire higher qualification, skills in teaching and learning process, develop and introduce innovation in teaching and learning process. Faculty and students are encouraged to attend, present and publish their research and technical works. This policy helps in dynamic learning, share knowledge in the recent trends in science & technology, thus augments knowledge base of faculty and students.

File Description	Documents
Paste link for additional information	https://engg.ggsf.edu.in/menu_dropdown.php?pg_ds=bXAuZmxkX211bnVfaWQ9MyBhbmQgbXAuZmxkX211bnVfZHUvcGRvd25faWQ9MiBhbmQgbXAuZmxkX211bnVfZHUvcGRvd25fcGFnZV9pZD0y
Upload any additional information	No File Uploaded

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

Participative Management:

Participatory management and decentralization is practiced at various levels which involves making decisions and executing various activities concerning academic and administration. The management committee is the apex body responsible for developing, policies and strategies for current and future development plan of the institution. These decisions are conveyed to Principal through the Executive Director of the foundation.

Every week Executive Director, holds a meeting of Principal, Vice Principal, HOD's, and Coordinators of various committees to discuss problems concerning various issues, and provide necessary solution. Approval to ongoing and planned curricular, co-curricular and extra-curricular activities is accorded at these meetings.

Board of Governance and College Development Committee are constituted at institution level as per the guidelines of AICTE & affiliating university respectively. These comprises of representation of management, field experts & faculty. Policy decision, budgets, faculty recruitment, teaching-learning processes are commonly discussed and appropriate decisions are taken by these bodies.

Principal has the academic, non-academic and administrative responsibility that is successfully accomplished with a team of Vice Principal, Dean Academic, Registrar, Head of Department, and Accountant. Registrar and Accountant along with their office staff provide necessary administrative support for smooth functioning of the institution.

Departmental Level

The Head of Department oversee all the curricular, co-curricular and extra-curricular activities of the respective department. Faculty members are assigned different functional responsibility and participate in all major decisions making concerning welfare of student. Faculty members, staff and student representatives are members of various welfare and grievances committees.

Students association and local chapters of various bodies exists in each of the department where students representative take active role in organizing various student centric program. Students are free to suggest any trainings, activities, expert lectures, various sports & cultural activities etc.

Following are the outcomes of effective leadership in various institutional practices during last five years:

1. Established an institute-industry partnership centre of excellence in association with Siemens and Mico Bosch Industry
2. Established Robotics and Mechatronics laboratory
3. Tie-up with Edu-skill foundation for training to students
4. Conduct of various add on courses through above establishments
5. Established training and placement office with state-of-the-art infrastructure
6. Addition of Computer Engineering Program to the existing three programs
7. Facility of Central Air Conditioned hall of 350 seating capacity is created
8. Facility of conference hall of 50 seating capacity is created
9. Green campus development
10. NAAC Accreditation of the institute
11. ISO 9001:2015 certification of the institute
12. More than 100 faculty publications
13. 4 number of patent filled by faculty
14. Few faculties are about to complete their doctorate

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1Xx2dh9MkCp4fPlzPxxUa5IM9r87oTqbo/view
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institution has developed a strategic plan for the overall development of the institution. The strategic plan encompass all aspects of growth which includes augment of state of art infrastructure, faculty development, students employability related training.

Following are deployment details and outcome of the various strategies considered in the Perspective / Strategic Plan for the period of 2018-19 to 2022-23

Sr. No

Strategies considered

Deployment and Outcome

01

Motivating faculty to go for higher studies like Ph.D.

Faculties are continually motivated for their higher studies. 9 faculties registered their Ph.D. Out of these 4 faculties completed their Ph.D. and 1 faculty submitted his thesis other faculties are about to completion of their research work

02

Identifying and appointing faculty with PhD qualification to fill up the post of higher cadre.

Institute has appointed Ph.D. faculties as 2 Professors and 1 Associate professor

03

Enhancing Research and Development, testing and consultancy activities by creating the facilities and motivating the faculty

Department of science and technology (DST) has approved the research proposal on the topic "Design and Manufacturing of Flexible Cage for Cattle Transport Vehicles with Loading Adjustment" Amount-Rs. 4,70,000/-

One collaborative research project in association with IIT Mumbai is approved and under development

Institute has established Innovation and Startup cell approved by affiliating University

04

Continuing best practices of Faculty development, value addition courses to students, entrepreneurship development and soft skill development courses

In continuation with previous years, During AY 2020-21

Total conference organized - 01

Total FDP/STTP/Seminar/Workshop organized - 28

Total no of faculty attended FDP/STTP - 69

Nearly 300 plus students completed the value added course through industry institute partnership cell Skill Development Centre

05

Formation and registration of the Alumni Association and organizing various activities under it

First batch is passed out in the year 2017. Institute has established Alumni Association in the year 2018. Till today nearly 800 plus alumni's were registered. Each year alumni meets are held at the institute. During pandemic situation institute has conducted online alumni meet

06

Developing the institute so as to get higher ranking from various agencies like National Institutional Ranking Framework (NIRF).

Institute has participated continually in NIRF from the year 2019 and striving for its excellence

07

Getting institute accredited from NAAC/NBA

Institute was accredited by NAAC with B+ grade in the year 2019

Mechanical Engineering program has already applied for the NBA Accreditation in the month April 2021 and waiting for final NBA verification and accreditation

Institute is certified as ISO 9001:2015 institute and the certificate is valid till Oct 2022

08

Initiating establishment of incubation center for entrepreneurship and startups

Innovation and start up cell has been established in the institute as per the guidelines of the Centre for Innovation, Incubation and Linkages, Savitribai Phule Pune University, Pune. Students are encouraged and motivated for startup activities, innovation and incubation in association with the affiliating university. Guru Gobind Singh foundation has also established Institution Innovation Council (IIC) as per the norms of Innovation Cell, Ministry of Education, Govt. of India to enhance the entrepreneurship development activities.

09

Variation of intake of present courses and addition of UG/PG courses as per the need of the society/industry.

Intake variation is initiated by the institute and introduced Computer Engineering Programme with an intake of 120 students

10

Establishment of center of excellence for Mechatronics in association with the renowned industry

Institute has established Mechatronics lab inline with various industrial skill requirements. Costing of this lab is around 10 Lakh. Institute has established Robotics lab to enhance automation skills of students which is costing around 32 Lakh

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	https://engg.ggsf.edu.in/menu_dropdown.php?pg_ds=bXAuZmxkX211bnVfaWQ9MyBhbmQgbXAuZmxkX211bnVfZHJvcGRvd25faWQ9NTkgYW5kIG1wLmZsZF9tZW51X2Ryb3Bkb3duX3BhZ2VfaWQ9MjE=
Upload any additional information	No File Uploaded

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

Board of Governance and the College Development Committee provides effective governance through policy decision for development of the institution. The execution of these policies is affected through the Executive Director of the foundation and Principal of the institute.

Institutional level committees like IQAC Cell, Anti-ragging Cell, and Women Grievances Cell etc. that are required as per the norm of AICTE / University / Government are also formed.

Top Management and Executive Director:

- The top management and Executive Director are the decision-making authority and takes care for overall development of the institution.
- Institutional objectives, rules & regulations in concurrence with the vision and mission for effective governance, transparent administration and participatory decision making for collective responsibility are framed and promulgated.
- Provide necessary financial provision for the state-of-art-infrastructure.
- Recruit/employ qualified proficient, dedicated teaching and non teaching members.
- Executive Director conducts weekly meetings with Principal, Dean Academic, Head of Department and other administrative / academic bodies in-charge. During such meetings academics, administration and infra structural review is conducted.
- Creates an atmosphere that is fair, transparent, motivating and conducive to faculty and staff to realize their potential

Principal:

- Principal is the academic and administrative head of the institution. Executive Director conveys the vision, mission, policies and decisions taken by the management to the Principal in the periodic / weekly meetings for effective implementation.
- Complies with statutory requirement of various bodies like AICTE, DTE Maharashtra, SPPU, Pune.
- Principal motivates faculty in their professional development through participation in various academic development.
- Principal ensures that academic and administrative functions are smoothly executed.
- Principal is the overall incharge of all the examination processes of the affiliating university
- Principal ensures effective implementation of Training, Placement and Entrepreneurship activity.

Vice-Principal and Dean Academics

Vice Principal is supportive to the administrative activities and also oversees the academic activities. He is responsible for the development of academic calendar of the institution and completes the academic activities as per the academic calendar and University requirements. Academic dean also looks up the academic requirements of various accreditation bodies and implement the same in coordination with heads of the department. Academic dean frequently reviews the status of academic implementation and ensures the students academic feed back and necessary corrective actions if any.

T&P Officer has the responsibility to provide necessary trainings to students to improve their employability. He is supported by departmental T&P co-ordinators.

Registrar, is the functional head of the establishment section and works as support system to Principal in managing administrative affairs of the institution. The institution budget and cash flow is maintained by the Accountant and manages all financial affairs of the institution.

Institute follows the delegation practices for effective academic and administrative processes implementation. Principal and Vice Principal forms various internal bodies and ensures the compliance of various processes through these bodies.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	https://engg.ggsf.edu.in/menu_dropdown.php?pg_ds=bXAuZmxkX211bnVfaWQ9MyBhbmOgbXAuZmxkX211bnVfZHJvcGRvd25faWQ9MyBhbmOgbXAuZmxkX211bnVfZHJvcGRvd25fcGFnZV9pZD0z
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
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File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user interfaces	View File
Any additional information	No File Uploaded
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

The institution believes in coordinated growth and has introduced several welfare measures for the teaching and non-teaching staff. The following list depicts the existing welfare measures;

- Employee Provident Fund
- Gratuity
- Accidental Insurance for Employees
- Maternity and Paternity leave
- Staff Loan Facility from the Institute's Cooperative Credit Society
- Leaves for higher studies
- Deputing faculty for attending QIP/ conferences/ Workshops
- Tie up with hospitals for medical facility at concessional

rate

- Recognition and appreciation of faculty/staff considering their overall performance
- Excursion/ Get-together Programme of faculty, non-teaching staff and members of managing committee is organized.
- Teachers day celebration
- Women Empowerment program

File Description	Documents
Paste link for additional information	https://engg.ggsf.edu.in/criteria_record.php?year=Mw==&pg_ds=aGRwLmZsZF9ob211bWVudV9pZD0xNCBhbmQgaGRwLmZsZF9ob211bWVudV9kcm9wZG93b19pZD0xNSBhbmQgaGRwLmZsZF9ob211bWVudV9kcm9wZG93b19wYWdlX2lkPTE3&criteria=Ng==
Upload any additional information	No File Uploaded

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

00

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

28

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

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

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

35

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

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

Institute has regular practice to carry out performance appraisal annually and is evaluated at different level viz, HOD, Dean Academic, Principal, Executive Director and Management. Performance of teaching, non-teaching staff is collected through a

well-structured appraisal form. Appraisal forms are designed separately for teaching and non-teaching staff comprising following points:

Stage 1&2: Attendance and Teaching Load

Each faculty fills data of teaching load, attendance record, and respective result analysis in the appraisal form at the end of semester. This also includes the details of curricular, co-curricular, extra-curricular activities undertaken during semester.

Stage 3: Academics

Academic aspect of faculty is evaluated in this stage by concerned HOD. Evaluation comprises of twelve fields representing different attributes necessary for effective dissemination of teaching and learning process of the subject. This evaluation will result into a score signifying the teacher's competency in teaching and learning in particular subject.

Stage 4: Participation in Institute/Departmental level Activities

This aspect comprises of eight activities which are necessary for professional development of individual faculty, also includes contribution to department and institutional development. Rating obtained in this aspect represents the individual effort taken for overall development. HOD counsel the faculty whose performance requires improvements by discussing his strength, weakness and areas of improvement.

Stage 5: Students Feedback

Students evaluate the subject teacher with respect to outcomes of teaching and learning process on a rating scale of 1 to 5. Feedback is obtained by a well-structured online & offline form in each semester.

Stage 6: Faculty Evolution by Dean & Principal

Appraisals so obtained are further analyzed and evaluated by Dean Academic and Principal. This is evaluated based on ten curricular and co-curricular criterias. Based on this evaluation and HOD's consultation, weakness, strength and training needed for overall development of faculty is recommended.

Stage 7: Rating By Executive Director

Based on above recommendations, the Executive Director develops a rating which is averaged out to get the final rating and forwarded to management.

Stage 8: Management

The management reviews the performance appraisal. Suitable decision like regularizing the staff after probation period, deciding the regular increments and promotions are taken.

Outcome: This system has a positive advantage for both individual faculty and management. Faculty have scope for improvement by overcoming the area of weakness. On the other hand management gets an unbiased analysis of each faculty and those deserving are suitably rewarded.

Non-Teaching staff:

Each staff fills a self- rating appraisal form which consists of personal details, professional competence, performance, personal characteristics, achievements, up gradation in skill and responsibilities held. This form is rated by HOD/Section In charge and the Principal. This evaluation helps to identify weakness, strength and training needed for overall development of the staff. The Executive Director, GGSF develops a rating which is averaged out to get the final rating and submitted to management for further action.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/14_AuPhWgY_Y6Juw_bSokLDJeOsIOe4eTb/view
Upload any additional information	No File Uploaded

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

The board of trustees of Guru Gobind Singh Foundation appoint internal auditors for internal audit of its institutes. The Executive Director and Accounts officer take care of doing

compliance of the objections raised, if any.

The External auditor is appointed by the Guru Gobind Singh Foundation. The institute having qualified practicing Chartered Accountants as an auditor who audits the accounts annually. After the audit, the report is sent to the management for review. The Executive Director and Accounts officer take care of doing compliance of the objections raised, if any

File Description	Documents
Paste link for additional information	https://engg.ggsf.edu.in/menu_dropdown.php?pg_ds=bXAuZmxkX211bnVfaWQ9MyBhbmQgbXAuZmxkX211bnVfZHJvcGRvd25faWQ9NjAgYW5kIG1wLmZsZF9tZW51X2Ryb3Bkb3duX3BhZ2VfaWQ9MjI=
Upload any additional information	No File Uploaded

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

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

00

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

The mobilization of funds are through collection of fees from students of institute. The funds for capital expenditure on land and building are raised by Guru Gobind Singh Foundation. The fees collected from students is the main source of funds for the institute to meet the recurring and non-recurring expenditures.

The fixation of fees is done by Fee Regulatory Authority of State Government. The mobilized funds are spent on salaries and

operating expenses and on equipment required for institute, the utilization of funds are optimize.

File Description	Documents
Paste link for additional information	https://engg.ggsf.edu.in/menu_dropdown.php?pg_ds=bXAuZmxkX211bnVfaWQ9MyBhbmOgbXAuZmxkX211bnVfZHZJvcGRvd25faWQ9NjAgYW5kIG1wLmZsZF9tZW51X2Ryb3Bkb3duX3BhZ2VfaWQ9MjI=
Upload any additional information	No File Uploaded

6.5 - Internal Quality Assurance System

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

Institutes vision and mission is a driving force for the quality initiatives to be taken up. The institute is committed in the provision and continuous improvement of quality teaching and learning process. Various training programs, industrial visits, expert lectures, technical events, other co-curricular and extracurricular activities focuses on overall development of students. IQAC has mechanisms for academic auditing practice through AAA (Academic and Administrative Audit)

The members of IQAC has contributed significantly with many quality assurance strategies as summarized below:

Sr. No

Quality Assurance Strategies and Processes

Outcome of the Strategy / Process

1

Preparation of AQAR

AQAR for the AY 2019-20 has been successfully submitted to NAAC authorities and is now accepted

2

Preparation of SAR for NBA Accreditation

SAR for Mechanical Engineering Department is now successfully submitted to NBA for accreditation

Civil and Electrical engineering departments implemented the OBE system as a step forward for NBA Accreditation

3

NIRF participation

Successful participation in NIRF 2020

4

ISO 9001:2015

Successfully completed the Surveillance audit as per requirements of ISO 9001:2015

5

New additional academic facility

Facility of IOT Lab Kit (Raspberry Pi-3 and Arduino Based) costing to Rs. 2,28,260/- was established for enhanced teaching and learning in computer department

To ensure uninterrupted power supply during pandemic for conducting the online lectures electrical engineering department has created facility of 20 KVA Double Conversion UPS & Battery Purchased costing to Rs. 2,99,760/-

6

Research proposal

Department of science and technology (DST) has approved the research proposal on the topic "Design and Manufacturing of Flexible Cage for Cattle Transport Vehicles with Loading Adjustment" Amount-Rs. 4,70,000/-

7

Stakeholders feedback

Feedback has taken up, analyzed and actions were taken to improve

the online teaching during COVID pandemic

8

Implementation of outcome based education system leading to accreditation by National Board of Accreditation

Department of Mechanical Engineering has successfully submitted the self-assessment report to NBA

Successful implementation of the OBE system at other department

9

Organizing conferences, FDP, STTP, workshops, seminars to-wards enhancements in technical knowledge

During AY 2020-21

Total conference organized - 01

Total FDP/STTP/Seminar/Workshop organized - 28

Total no of faculty attended FDP/STTP - 69

10

Faculty encouragement for Publication

During AY 2020-21 faculty has published total 44 publications in various journals and conferences

5 faculty members have SCOPUS publications

Three of the applied patents are now taken up for the examination and grant process

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

Institute has a good academic practice for student monitoring and teaching and learning process. An Academic Diary is a record that takes care of entire teaching learning process, its structure & methodologies of operations. Academic Members and the staff continually review teaching learning process in the institute. Before commencement of the term, academic calendar is prepared. Faculty prepares lecture plan for the entire semester and all the department level coordinators ensure that the activities are conducted as per schedule. All faculty members conduct their classes and practical as per their timetable and reports them through the records of academic diary. This academic diary is checked by the department head and the academic dean. At the end of the semester the academic diary is submitted to the head for the final review. Course teacher ensures that the Course Outcome are explained to the students at the start of the semester and also explain the monitoring requirements.

The summary of steps taken by the institute to review teaching learning process is as follows:

- Preparation of Academic and Activity Calendar
- Timetable preparation as per workload assigned to faculty.
- Preparation and implementation of teaching plan (Theory and practical).
- Periodic review of syllabus covered through academic diary.
- Remedial lectures and make-up lectures are conducted as per requirement.
- Assessment and review of academic performance of students by the faculty as a part of CIE
- Submission and scrutiny of performance appraisal of faculty and staff at the end of each seminar
- Appreciation to best performing faculty

The institute believes that audits are to be conducted periodically to ensure effective implementation of academic and sustaining the quality. The Head of the Department also review the various academic activities during the department meetings and guide the staff members accordingly.

The institute conducts following Quality Audits

- ISO 9001:2015 Audit
- Academic and Administrative Audit (AAA)
- Annual Quality Audit through AQAR Submission

• **Annual Report preparations**

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1_5nngG8lKzfCzp3YOSZfklFsLNCKKUuO/view
Upload any additional information	No File Uploaded

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

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
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

Institute shows gender sensitivity through various practices for creating safe, secure and healthy atmosphere in the campus. Following is the summary of various measures initiated by the institute

- Girl students selected as member in various bodies like, Student council, Internal complaint committee, Grievance committee, participation in various activities

- Recruited many ladies faculty and staff on institute roll
- Sensitization of the students on gender equity is done through guest lectures and NSS activities
- Women cell also create gender awareness through different program.
- All senior officials are available both for boys and girls for solving their problem any time without any appointment.

Safety and Security

- Security fencing: The college campus is very well fenced with the walls.
- Security Surveillance: 24x7 Security is provided in the campus .
- Digital Surveillance: Closed Circuit Television (CCTV) the most common type of video monitoring system has been adopted. to avoid possibilities of misuse of the digital devices and breaches servers care has been taken through CYBERROM.
- Identification Cards and Uniforms: Students and faculty ID cards are the ways for college security measures.
- Women's grievance cell: College has established a women's grievance
- Common Room: The girls' common room has been provided for girl students and ladies staff.

File Description	Documents
Annual gender sensitization action plan	https://engg.ggsf.edu.in/menu_subdropdown.php?pg_ds=c3AuZmxkX211bnVfaWQ9MyBhbmQgc3AuZmxkX211bnVfZHJvcGRvd25faWQ9NjOgYW5kIHhNwLmZsZF9tZW51X3N1YmRyb3Bkb3duX2lkPTgyIGFuZCBzcC5mbGRfbWVudV9zdWJkcm9wZG93bl9wYWdlX2lkPTg2
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://engg.ggsf.edu.in/menu_subdropdown.php?pg_ds=c3AuZmxkX211bnVfaWQ9MyBhbmQgc3AuZmxkX211bnVfZHJvcGRvd25faWQ9NjOgYW5kIHhNwLmZsZF9tZW51X3N1YmRyb3Bkb3duX2lkPTgyIGFuZCBzcC5mbGRfbWVudV9zdWJkcm9wZG93bl9wYWdlX2lkPTg2

7.1.2 - The Institution has facilities for alternate sources of energy and energy

B. Any 3 of the above

conservation measures Solar energy
Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/
power efficient equipment

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

Solid and liquid waste Management:

We at our institute have a simple solid waste management system. It involves everything from collection to disposal. Paper and paper products, pens, disposable drink containers, waste food in canteen and compostable organic material etc. are the waste products in college campus. We separately collect these wastes at different locations in bins according to the properties like disposable and non disposable waste material as well as solid and liquid waste. The municipal waste collection vehicle collects the generated & segregated waste at daily basis. On the other hand, the wet waste collected from the canteens is daily sent to Organic Waste Converter i.e. Composter made available on campus it is then used as a soil conditioner for gardening.

E-waste management:

Unrepaired electronic instruments, burned electronic components, battery cells and broken wires are kept in enclosed boxes. Electronic goods are as far as possible are reused. UPS Batteries are recharged / repaired / exchanged by the suppliers. The institute also takes benefit of the various buy back offers from the suppliers.

Biomedical and Radioactive Waste management: Biomedical and Radioactive waste is not generated in the institute.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	https://engg.ggsf.edu.in/criteria_record.php?year=Mw==&pg_ds=aGRwLmZsZF9ob211bWVudV9pZD0xNCBhbmQgaGRwLmZsZF9ob211bWVudV9kcm9wZG93b19pZD0xNSBhbmQgaGRwLmZsZF9ob211bWVudV9kcm9wZG93b19wYWdlX2lkPTE3&criteria=Nw==
Any other relevant information	No File Uploaded

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
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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
<ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of Bicycles/ Battery powered vehicles 3. Pedestrian Friendly pathways 4. Ban on use of Plastic 5. landscaping with trees and plants 	

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

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

<p>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</p>	<p>D. Any 1 of the above</p>
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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	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

<p>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</p>	<p>A. Any 4 or all of the above</p>
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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	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

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

diversities (within 200 words).

To build a nation of youth who are noble in their attitude and morally responsible, the college organizes and conducts several activities for ethical, cultural, and spiritual values among the students and staff. 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.

Following efforts/initiative are taken by the institute

- Conducting various social activities through the institutional social club AASTHA
- Celebration of the national festivals, birth anniversaries and memorials of great Indian personalities
- Institution celebrates Rashtriya Ekta Diwas
- To develop the emotional and religious feelings among the students and the faculty, commemorative days are celebrated
- Celebration of cultural and regional festivals, like New-year's day, Fresher Party, teacher's day, orientation and farewell program, Induction program, rally, oath, plantation, Youth day, Women's day, Yoga day, etc.
- On special festivals like Diwali our students visits at orphanage home and Annathalay to celebrate diwali
- Institute organizes an unique activity of celebration of employee birthdays irrespective of his/her designation, cast and social presence
- Motivational lectures of eminent persons of various fields are arranged

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
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

Institute takes every effort to sensitize students and employees towards the constitutional obligations.

- Constitution Day is celebrated on 26th November. The

programme initiates with Preamble reading of the constitution followed by lectures on the sensitization of students on responsibility towards the constitutional values, rights, duties and responsibilities of citizens.

- Every year Institute celebrates Republic Day and Independence day on January 26, and August 15 respectively. Students and institute staff, attends these day with full enthusiasm and patriotism. This way they understand their duty as an Indian citizen
- Every year institute organizes blood donation camp in association with District Civil General Hospital and/or Rotary Club. The students are sensitized on the importance of the activity and are encouraged to participate in saving the life of citizens of India.
- Through institute social club AASTH, students are sensitized for their social responsibility towards the citizen and various activities are organized
- Through NSS faculty and students participate in various activities like Beti Bachav Abhiyan, Swachata Pakhwada, Tree plantation etc. In this way faculty and students are sensitized for their duties towards the society and citizens
- Guest lectures are organized on Ethics in engineering profession to understand the rights of the researchers

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

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

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	No File Uploaded

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

Institute celebrates National and International days enthusiastically every year. Following is the summary of celebrations

- Republic day is celebrated every year on 26th January
- Marathi Bhasa Divas is celebrated on 27th February in the memory of Vishnu Vaman Shisrwadkar
- International Women day is also celebrated in our college on 8th March
- International Yoga day is also celebrated on 21st June
- Librarian's Day is celebrated on 12th Aug in the memory of Dr. S.R. Ranganathan
- Independence Day is also celebrated on 15th August
- Teachers day is also celebrated on 5th September
- Hindi Diwas is celebrated on 14th September
- The common birthday of Mahatma Gandhi and Lal Bahadur Shastri on 2nd October is commemorated as Swachhta Diwas.
- Reading Inspiration Day is celebrated on 15th Oct. in the memory of Dr. A.P.J.Abdul Kalam
- The birth anniversary of Sardar Vallabhbhai Patel on 31st October is celebrated as National Unity Day.
- National Constitution Day is celebrated on 26th November
- Celebration of Guru Gobind Sing Jayanti is celebrated on Guru Gobind Singh Ji was born on December 22nd according to the Georgian calendar, but his birth anniversary is calculated in accordance with the lunar calendar and celebrated with great enthusiasm

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

7.2 - Best Practices

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

Institutes Best Practice - 1

1. Title of the Practice - Professional skill Trainings

2. Objectives of the practice: Prepare students for industry oriented learning through tailor made training program

3. The context: Past few decades witnessed exponential growth in engineers graduating across the country. Employability and Industry readiness survey of engineering graduates by certain agencies has shown that majority of engineering graduates are unemployable. Hence it becomes imperative for instituteto prepare readily employable graduates through professional training.

4. The practice: Integration of professional training with academics

Evidence of success:

Approximately 200 students from Mechanical and Electrical Engineering attended the training.

Problems encountered and resources required:

1. Due to pandemic, activities where conducted online and hence effective was an issue.

7. Resources required

Lab set up, appropriate trainer kit and ICT resources

Institutes Best Practice - 2

Title: ISO 9001:2015 Certification

Objective of the Practice: Develop and Implement QMS

Context:

For effective implementation of institutes processes ISO 9001:2015 certification is an effective way.

The Practice:

Design and implementation of system as per ISO requirements

Evidence of Success

From the year 2016 till date institute is certified

6. Problems encountered and resource required: Integration of the system with other accreditation bodies

File Description	Documents
Best practices in the Institutional web site	No File Uploaded
Any other relevant information	No File Uploaded

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

Collaborating with industry for the development of faculty and students is the aim of GGSF's management. Taking this initiative, it is proposed that a "Centre of Excellence" should be established in GGSF Campus. The motto behind this Centre of excellence is to bridge the gap between industry and academic sector. With this initiative GGSF made the MOU with BOSCH & SIEMENS on 10th August 2016 and 1st January 2017 respectively to fulfil the following objectives: 1. Prepare students for industry oriented learning through tailor made training programs. 2. Knowledge sharing on Bosch and Siemens advanced automotive systems. 3. Advanced training modules for students in Bosch and Siemens Training Centres. 4. Help setting up the Automotive Service Solutions Lab. 5. Train the trainer for lab technicians.

Continuing this activity institute has now established a ROBOTICS and MECHATRONICS laboratory where the students are speciall trained for robotics and automation which is one of the program specific objective of the Mechanical Engineering Program

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

7.3.2 - Plan of action for the next academic year

Following is the summary of action plan for the next academic year

- NBA Accreditation of the Mechanical Engineering Programme
- Establishing the laboratories with advance softwares and technology for the Computer Engineering Programme for final year
- Establishing the Air Pollution Monitoring System in the institute in collaboration with Govt. Organization
- Appointment of faculty at the associate professor and professor cadre
- Organizing an international Conference
- Preparing the Electrical and Civil Engineering programme for the NBA accreditation
- For improvement in quality teaching and learning process designing and implementing the rigorous process of lesson plans in line with Lesson outcome, Course outcome and blooms taxonomy
- Participating in National Institutes Ranking Framework (NIRF)
- Preparation and Submission of the NAAC-AQAR
- ISO 9001:2015 Re-Certification
- Enriching the teaching e-resources by developing quality learning videos, PPT's, notes, question bank
- Organizing the technical events for the students by each programme
- Purchasing and implementing advanced version of the ERP software for e-governance implementation in the areas of Admissions, Academics, Administration, NBA and NAAC
- Addition of new under graduate engineering programme after NBA accreditation