YEARLY STATUS REPORT - 2021-2022

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 ENGINEERINGANDRESEARCH CENTRE, KHALSA EDUCATIONAL COMPLEX,GURUGOBIND SINGH MARG, WADALA-PATHARDI ROAD,INDIRANAGAR ANNEXE, NASHIK
• City/Town	Nashik
• State/UT	Maharashtra
• Pin Code	422009
2.Institutional status	
• Affiliated / Constitution Colleges	Affiliated
• 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	**Dr. 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/aqar.php?pg_ds=aGRwLmZsZF9ob21lbWVudV9pZD0xNCBhbmQgaGRwLmZsZF9ob21lbWVudV9kcm9wZG93bl9pZD0xNSBhbmQgaGRwLmZsZF9ob21lbWVudV9kcm9wZG93bl9wYWdlX2lkPTE3Z2lkPTE3](https://engg.ggsf.edu.in/aqar.php)	
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/critera.php?fld_critera_year_id=Mw==&pg_ds=aGRwLmZsZF9ob21lbWVudV9pZD0xNCBhbmQgaGRwLmZsZF9ob21lbWVudV9kcm9wZG93bl9pZD0xNSBhbmQgaGRwLmZsZF9ob21lbWVudV9kcm9wZG93bl9wYWdlX2lkPTE3](https://engg.ggsf.edu.in/critera.php)	

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
0	0	0	0	0

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 2020-21

Stake holders feed back taken and analyzed

NBA Accreditation of Mechanical Engineering Program

Implementation of the new ERP for the academic and administrative e governance

Implementation of electronic OBE system

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
OBE system Automation	New ERP software was purchased and it was modified as per the needs of the implemented OBE system. This has made the entire administrative and academic processes online and flexibility in operation through remote places
NBA accreditation of the Mechanical Engineering Program	Mechanical engineering program is now accredited by NBA in the month of Jun 2022
Enhancing the research and publications	Total 3 new patents were applied. 1 faculty completed his PhD and 6 faculties are pursuing PhD. There are few SCOPUS indexed publications by faculty. Many faculties attended various research related workshop and conferences
Conducting internal quality audits	AAA audits was conducted by external members for all graduate programs.
ISO 9001:2015 Certification	ISO 9001:2015 surveillance audit was conducted by certifying agency DNV-GL in the month of March 2022. This was 6th Surveillance audit. Institute was certified by DNV which is approved by RVA and IAF a

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

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

15.Multidisciplinary / interdisciplinary

Institute ensures the all round development of students by ensuring the social, physical, emotional and moral values. Institute is preparing to include multidisciplinary subjects as per the National Educational Policy 2020. For mechanical engineering students institute offers value added course like automation, vehicle diagnostics, automotive air conditioning, robotics etc. For computer engineering students institute has collaborated with professional trainers like Eduskills, Blueprism, Redhat etc. and engages the students for multidisciplinary learning. Besides these beyond curriculum courses institute also offers the other audit courses designed by the affiliating university like Human values, Foreign language, Environment, Building sustainability, Skill development etc. Keeping in view the problems faced by the students, institute plans to set up additional trainings by the industry persons during students' internship. The aim is to make the students more employable and pave a way towards self-employment. Institute follows the outcome based education and identifies programme outcomes along with courses outcomes that define the specific knowledge, skills, attitudes and values that are to be acquired by the learner and ensures that each programme outcomes are attained through various curricular, cocurricular and extracurricular activities. Summative and Formative assessments and assignments are used to evaluate the students learning outcome.

16.Academic bank of credits (ABC):

Institute is affiliated to the Savitribai Phule Pune University, Pune and need to follow the instructions by the affiliating university regarding the implementation of Academic Bank of Credits. Affiliating university in the month of the Oct 2022 already taken a step to register the students with ABC and link their examination data with ABC portal. Further process regarding this will be implemented as per the guidelines of the university

17.Skill development:

Institute has a best practice of inculcating the various skills among the students. For this institute has established the Skill Development Centre as an initiative of Institute – Industry Partnership. Institute has a formal MoU with the industries like MICO-BOSCH, SIEMENS, FANUC and established the separate

laboratories. In addition to this institute has collaborated with other professionals like Mahindra Nandi, Eduskills (national building skill development program) AWS academy, Blueprism, Celonis etc. Faculties are trained by these professionals and after training these faculties are conducting the various value added courses for the students. Students are encouraged to develop their final year project based on the requirements related to industry, society, environment and technology advancements. This ensures the need based skill development of the students. During the academics, students need to complete their internship in the industry specific to their discipline for improvements in the industry oriented skills Institute is also planning to get a few skill development courses under PMKVY.

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

Institute is affiliated to the Savitaribai Phule Pune University and follows the curriculum designed by the university. Hence institute must have to wait till the university introduces the courses in Indian language. Institute offers professional engineering program and the content of this curriculum are mostly available in international English language. Hence, institute needs some time to reach to better solution. However, institute takes care of the appropriate integration of the Indian language through the following practices

· Use of Hindi or Local language during teaching and learning for the better understanding of the courses

· Flexibility is given to the student to use Indian language during various internal communication which is easily understood by the group of people

· Internal notices and circulars are disseminated with the use of regional language

· University circulars are disseminated in Marathi and English language for easy understanding among the students

· Use of local language during various feedback

· Use of local language for the various academic related displays

· Local language news papers are available in the library

- Indian languages books are available in the library

Sets of books of different program written in local language MARATHI is made available in the institutes library for the reference of the students.

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

Institute offers the professional engineering program and implemented the 100% outcome based education with following philosophy

- Understanding the needs and expectations of the stake holders
- Establishing the Vision and Mission statements for each program and the institute
- Defining the Programme Educational Objectives (PEO) statements for each programme that describes what, student should able to do in his/her professional life after few years of his graduation
- Defining the Programme Outcome (PO) statements based on the graduate attributes which are adopted globally. These are the statements that describes what student should able to do at the end of his graduate engineering program
- Defining the Course Outcome (CO) statements based on the particular course content that describes what, student should able to do at the end of learning of the course
- Use of higher order of learning levels as per blooms taxonomy for designing the session plan
- Use of various cognitive and motor skills
- Establishing the course level CO-PO mapping for with proper justifications
- Establishing the program level course PO
- Continuous internal evaluation based on the defined CO-PO mapping for the desired outcome and use of the results for evaluating the direct attainment
- Organizing the various co-curricular and extracurricular activities and use of the results for evaluating the indirect attainment
- Evaluating the CO and PO attainment for the each course (both direct and indirect methods)
- Evaluating the PO attainment for each programm

20.Distance education/online education:

Keeping in view the convenience of the student, the various technological tools used by the faculties especially during the pandemic lockdown are Google Classroom, Zoom, using videos as

teaching and learning aids, Use of virtual labs, Group collaboration etc. for teaching learning of the existing courses. Also assessments have been conducted are some of the institutional efforts towards blended learning.

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**196**

File Description	Documents
Data Template	[View File]()

2.Student

2.1 Number of students during the year	**1404**

File Description	Documents
Data Template	[View File]()

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**114**

File Description	Documents
Data Template	[View File]()

2.3 Number of outgoing/ final year students during the year	**362**

File Description	Documents
Data Template	[View File]()

3.Academic

3.1 Number of full time teachers during the year	**71**

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

3.2 Number of Sanctioned posts during the year	**83**

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

4.Institution

4.1 Total number of Classrooms and Seminar halls	**22**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**165.71**
4.3 Total number of computers on campus for academic purposes	**360**

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Institute is affiliated to Savitribai Phule Pune University, Pune and follows the curriculum designed by the said university.

Effective curriculum planning is ensured by:

- **Development of departmental academic calendar based on University academic calendar**
- **Development of the Institutes academic calendar**
- **Distribution of the courses among the faculty**
- **Preparation of the time table**
- **Preparation of the course file by individual teacher that includes – CO and PO statements, CO-PO Mapping and their justification, Learning objectives considering the Blooms Taxonomy, question papers of previous examinations, assignment**

and test question bank, teaching PPT's, etc.
- Teaching plan considering the CO-PO mapping and Learning objectives, intellectual and motor skills
- Creation of academic planning and relevant records through the ERP software

Effective curriculum delivery is ensured by:

- Delivery of lectures as per time table
- Conducting practicals as per time table
- Monitoring the lecture progress and attendance through ERP software
- Monitoring of academics through monthly academic report
- Conducting internal test / tutorials
- Monitoring the CO-PO attainment through the ERP software
- Organizing the industrial visits, expert lectures etc.
- Conducting teaching process feedback and its analysi

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	Nil

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

Affiliating university provides the academic calendar. Referring to this every department and institute prepares academic calendar. Approval to the academic calendar is then obtained during the meetings of College Development Committee, institute then adheres to the academic calendar ensuring the following points

- Start and conclusion of academics as per the University academic calendar
- Planning of lecture and practical hours as stated in the University curriculum
- Ensuring the availability of various teaching and learning resources
- Conducting the Class test at planned stages
- Conducting In-semester examinations as per the University guidelines
- Organizing industry visits and expert lectures as per academic calendar
- Organizing sports, cultural and various technical events as

per academic calendar

Institute follows the continuous internal evaluation that includes

- **Monitoring the progress of syllabus and attendance through ERP software**
- **Regular evaluation of the Practical / Assignments / Tutorials**
- **Evaluation of the Unit test / Class test answer sheets of the students**
- **Evaluation of direct CO attainments for the class test, practical, assignment etc.**
- **Evaluating indirect CO attainment through various feedbacks**
- **Evaluating direct and indirect PO attainment**

File Description	Documents
Upload relevant supporting documents	[View File](#)
Link for Additional information	https://engg.ggsf.edu.in/menu_subdropdown.php?pg_ds=c3AuZmxkX21lbnVfaWQ9NSBhbmQgc3AuZmxkX21lbnVfZHJvcGRvd25faWQ9MTMgYW5kIHNwLmZsZF9tZW51X3N1YmRyb3Bkb3duX2lkPTEgYW5kIHNwLmZsZF9tZW51X3N1YmRyb3Bkb3duX3BnZVfaWQ9MQ==

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	**C. Any 2 of the above**

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

1.2 - Academic Flexibility

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

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

4

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)

10

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

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

672

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

672

File Description	Documents
Any additional information	No File Uploaded
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. The curriculum has incorporated environmental and sustainability issues through courses such as

- Energy Audit and Management
- Heating Ventilation and Airconditioning
- Basic Civil & Environmental Engineering
- Hydrology and Water Resources Engineering
- Environmental Engineering
- Air Pollution and control
- Environmental Studies
- Smart Cities
- Water Management
- Green Computing

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

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. Institution abides to the gender wise admissions process of Directorate of Technical Education, Maharashtra and recruitment as per norm of competent authority.

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

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

45

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

1155

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	**B. Any 3 of the above**

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

1.4.2 - Feedback process of the Institution may be classified as follows	**A. Feedback collected, analyzed and action taken and feedback available on website**

File Description	Documents
Upload any additional information	**No File Uploaded**
URL for feedback report	https://engg.ggsf.edu.in/menu_subdropdown.php?pg_ds=c3AuZmxkX21lbnVfaWQ9NSBhbmQgc3AuZmxkX21lbnVfZHJvcGRvd25faWQ9MTMgYW5kIHNwLmZsZF9tZW51X3N1YmRyb3Bkb3duX2lkPTYgYW5kIHNwLmZsZF9tZW51X3N1YmRyb3Bkb3duX3BhZ2VfaWQ9Ng==

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

145

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. Learning level assessment is done at entry level as well as during the program learning's

Process for identifying learning level of the learners at entry level:

- Prepare list of admitted students considering the score of 12th class and CET/JEE
- Calculate the average of above score on 10 point scale
- Identify the slow learners whose score is below 6
- Identify the advance learners whose score is above 6

Process for identifying level of the learners during program learning:

- Identify the results of examination of their last academic semester and class test 1
- Identify the slow learners who are failed in more than 2

courses
- **Identify advanced learners who are passed in all courses**

Special programmes for slow learners are initiated that includes one or more of the following

- **Arranging remedial classes**
- **Providing learning notes**
- **Counseling through mentor**
- **Practicing to solve university question papers**
- **Encouraging to use library e-resource**

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
1404	**71**

File Description	Documents
Any additional information	[View File](View%20File)

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

Institute adopted an outcome based education (OBE) system. Departments reviews syllabus of the affiliated University and accordingly decides the students learning requirements. Academic processes are designed with student centric learning approach. ERP software is used for the implementation of OBE system. Following methods are adopted:

Participative Learning:

- **Class room discussions**
- **Presentations on various topics**
- **Development of videos on the given topic**
- **Learning through visualization and discussion**

- One word splash
- Design assignment
- Organizing and participating in various technical events, workshops, trainings and guest lectures
- Use of learning resources like NPTEL / Youtube channels developed by faculties
- Group discussions

Experiential Learning:

- Laboratory learning through experimentation
- Learning through the development of the major and minor project
- Learning through the skill development, value added courses
- Learning through the survey and case studies
- Observation during field visits
- Learning through the internship
- Development of software program in few courses
- Use of Videos and animations to explain technical topics

Problem based learning:

- Mini projects on given problem
- Case studies on given problem
- Writing technical reports / literature review
- Participating in technical competitions
- Development of industry supported projects

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

Followingvarious ICT enable teaching learning practices are practiced:

1) Online Classes through Zoom, Google Meet, Google Classroom

2) MOOC Platform like NPTEL, Edux etc.

3) Digital Library resources like DELNET, NDL, IIT-videos on central

e-data storage available and connected through LAN

4) Internet Connection – High speed internet connections in class rooms, laboratories and faculty rooms

5) LAN facility

6) Limited Wi-Fi facility

7) Projectors for teaching and learning in class room

8) Lecture capturing system

9) Desktop and Laptops – Arranged at Computer Lab and Faculty cabins in each department.

10) Printers and Scanners

Use of ICT by Faculty:

1) Conducting classes through Google meet platform and Google Class rooms

2) Use of ERP system for Examination, evaluation, CO and PO attainment and LMS

3) Developing learning videos

4) Use of Virtual labs

5) Use of power point presentations and Videos

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

7) Arranging virtual industrial visits in addition to actual visits

8) Arranging online experts/guest lectures

9) 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

58

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	[View File](#)
Circulars pertaining to assigning mentors to mentees	**No File Uploaded**
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

71

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	**No File Uploaded**

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

310

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

2.5 - Evaluation Process and Reforms

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

At the start of each semester, institute plan its academics and ensures the continuous internal evaluation.

Institute ensures transparency in its internal assessment through following practices

1) Academic calendar is displayed on website well in advance

2) Frequency and syllabus for internal test is fixed

3) Class test are conducted in Online / Offline mode depending on the situations

4) Details of internal test are communicated well in advance

5) Creating awareness among students regarding rubrics used in assessment

6) Communicating the results of evaluation of internal test

7) Performance of students in practical, assignment, mini project, major project, seminar, etc. is continuously evaluated and communicated

Institute ensures robustness in its internal assessment through following practices

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

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 predetermined and unchanged

4) Schedule practical evaluation and rubrics used by faculty are predetermined and unchanged

5) Final term work marks are awarded based on predetermined rubrics

6) Seminar and Projects marks are awarded only after reviewing the performance of studen

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

Institute conducts two internal test / examinations during each semester of the academic year. University also conducts In-semester examinations. Separate examination cell is established in the institute to manage and control the internal and university examination.

Following is the process of dealing with the grievances related to internal examination

- **Answer books are evaluated and marks list is displayed**
- **Marks are uploaded on ERP software which can be accessed by students and parents through their login credentials (through**

website or through mobile app)

- **Students are then free to contact individual teacher for discussing the evaluation results**
- **Evaluation grievances generally include error in total marks, unevaluated sub questions, name / marks did not appeared in the displayed list etc.**
- **Teacher generally correct such grievance on the same day of receipt of grievance**
- **Unsolved grievances are taken up with Head of department and Academic dean who generally resolve them in the same week**
- **Internal assignments are also a part of internal evaluation. Grievance, if any are resolved by the same procedure**

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.

Affiliated university defines the course structure, course content, examination scheme, course objectives and course outcome statements. The institute follows these CO statement during the curriculum delivery. The programme outcome (PO) statements stated by National Board of Accreditation are adopted by the institute.

- **Awareness among the teacher and Students is ensured by:**
- **Display of the PO statements in the department, laboratories and faculty seating area**
- **Dissemination of the CO and PO statements through the institutes website**
- **Discussion on the CO and PO statements by the teacher with student at the commencement of the course delivery**
- **Publishing the CO and PO statements, their mapping and justification through the ERP software (remotely available to all students)**
- **Faculty prepares the lesson plan and mapping of each lesson / lectures with CO and PO/PSO**
- **Faculty determines the CO attainment through unit test, practical evaluation and or assignments or any other assessment tool adopted**
- **Head of department and faculty determines the PO attainment at**

the end of the each academic year and results of the same are disseminated through the website

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) CO and PO attainments are calculated through direct and indirect method using ERP software

2) Defining the CO and PO statement

3) Generally, there are 6 number of CO statements provided by the affiliating university.

4) PO statements based on the graduate attributes stated by NBA are adopted by the institute

5) CO-PO mapping is done by the individual course teacher

6) Mapping is done on the level of 1 to 3 with proper justification (1- Low, 2-Medium, 3-High)

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

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

9) CIE attainment through Unit test -1 & 2, Practical Evaluation, Assignments or any other tool decided by teacher

10) SEE attainment based on University examination result

11) The PO attainment for each course as well as for the program are calculated based on the mapping

12) 80% weightage is considered for direct method that includes the results of CIE and SEE

13) 20% weightage is considered for indirect method that includes program exit survey and various feedback

File Description	Documents
Upload any additional information	**No File Uploaded**
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

362

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	**No File Uploaded**
Paste link for the annual report	https://engg.ggsf.edu.in/menu_dropdown.php?pg_ds=bXAuZmxkX21lbnVfaWQ9OCBhbmQgbXAuZmxkX21lbnVfZHJvcGRvd25faWQ9MzUgYW5kIG1wLmZsZF9tZW51X2Ryb3Bkb3duX3BhZ2VfaWQ9MzY=

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=bWlkPTUmbWRpZD0xMyZtc2lkPTYmbXNwaWQ9Ng==

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)

4.7

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	**No File Uploaded**
Paste link to funding agency website	https://engg.ggsf.edu.in/home_dropmenu_page.php?pg_ds=aG0uZmxkX2hvbWVtZW51X2lkPTEyIGFuZCBoZC5mbGRfaG9tZW1lbnVfZHJvcGRvd25faWQ9MjUgYW5kIGhkcC5mbGRfaG9tZW1lbnVfZHJvcGRvd25fcGFnZV9pZD02

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	View File
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

05

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

27

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

Staff and the students of the institute extend their 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 and Public in general
- Blood donation camps,
- Environment conservation
- Campus cleaning
- Health care awareness
- Program on women's safety
- Visit to old age homes, orphans hostel and tribal area

Various activities conducted for sensitizing students through social club AASTHA (formed by students), Rotract club and NSS unit of the University. These activities support to nurture human values among the students and promote citizenship roles. Institute receives an activity calendar from affiliating university for yearly NSS activities. Program officer of NSS unit of the institute ensures smooth conduction of these activities.

Principal appoint a faculty 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 as per need and availability of time without affecting academics. Online / offline activities are conducted following the COVID norms during the pandemic period.

Impact of all such activities

- The spirit of voluntary work through sustained community interaction is inculcated
- Link between campus and community established
- Personality development of students through community services
- Appreciations received on many social media
- Holistic development of students contributing to good citizenship
- Understanding pandemic situations and need of the people
- Sensing dignity of labor
- Inculcation of social service approach among the student

File Description	Documents
Paste link for additional information	https://engg.ggsf.edu.in/home_menu_page.php?pg_ds=aHAuZmxkX2hvbWVtZW51X2lkPTExIGFuZCBocC5mbGRfaG9tZW1lbnVfcGFnZV9pZD00
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

0

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

3.3.3 - 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

16

File Description	Documents
Reports of the event organized	View File
Any additional information	**No File Uploaded**
Number of extension and outreach Programmes conducted with industry, community etc for the 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

692

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

3.4 - 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

354

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

11

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Institute has provided the infrastructure as per the AICTE norms, upgrades the same as per the growth/expansion and requirement of revised curriculum, if any. In addition to present infrastructure institute has also signed formal MoU's with industries and other organizations to support the use of latest technical facility for various academic purposes.

Following is the summary of available infrastructure:

- **Instructional area is 6887 sq.m. and Administrative area is 1595 sq.m.**
- **Circulation, amenities and other area is around 3565 sq. m.**
- **Institute infrastructure includes 24 class rooms, 6 tutorial rooms, 2 drawing hall, 33 laboratories, 5 seminar halls, etc.**
- **Academic and administrative infrastructure viz. class rooms, laboratories, tutorial rooms, seminar rooms, faculty rooms, etc.**
- **Most of the class rooms are equipped with LCD Projectors and screens.Additionally there are central facilities like central library, computer centre, administrative office, workshop, auditorium, seminar hall, conference hall, examination control office, canteen, playground, student recreational facilities, ladies common room, boys common, yoga room, parking facility, training & placement cell, prayer hall, medical room etc.**
- **Electrical Infrastructure includes Electrical Transformer, Generator and UPS for backup.**
- **Central fire hydrant system, 20 kVA rooftop solar PV plant (on grid). Rain water harvesting system, composter for canteen waste etc.**

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

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 and house-cup sports trophy awarded to the winning department. Students are encouraged to participate in sports competitions organized by the affiliating university and other organizations. To identify the hidden talents of the student cultural programs are organized apart from sports activity. Institute has also provided a separate hall for yoga and meditation.

Outdoor Games

Institute has provided facilities for following outdoor games like

- **Basket ball**
- **Volley ball**
- **Table tennis**
- **Kho-kho**
- **Cricket**
- **Foot ball**

Indoor Games/ Facilities:

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

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

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

22

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

22

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://engg.ggsf.edu.in/critera_record.php?year=Mw==&pg_ds=aG0uZmxkX2hvbWVtZW51X2lkPTE0IGFuZCBoZC5mbGRfaG9tZW1lbnVfZHJvcGRvd25faWQ9MTUgY
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)

104.12

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

4.2 - Library as a Learning Resource

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

Central Library has an excellent infrastructure and located at 2nd floor of the building. Library ensures a very good collection of books, journals, periodicals, newspapers, CDs, DVDs, e-books, audio books, databases etc. All its operations are computerized using software. Library follows open access system that allows users a

direct access to the library collection. Library implemented barcode technology for circulation.

Library Details:

- Total area of the library: 480.37 sqm.
- Spacious Reading Hall: 200 seating capacity
- Books are vailable as per the curriculum
- Book- Bank Facility: 354 books.
- Digital Library: 10 PCs connected to LAN with 100 mbps internet connection.
- E-resources: DELNET, NDL, e-journals, IIT-NPTEL Videos
- Network attached storage facility (40 TB)
- Online Book search System: Online Public Access Catalogue (OPAC)
- Nature of Automation : Fully automated
- Year of Automation – 2013 and updated in the year 2021 with new software
- Recently institute has purchased a new cloud based ERP software for full automation of the library

Following operations are carried out by using ERP software:

- Issue/Return/Reservation of books and other resources
- Requisition (For Purchase, Maintenance, New Books etc.)
- Book Bank
- Periodicals
- Book Accession Register
- Book barcode generation & printing
- Online Public Access Catalogue
- All Required Report

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	A. Any 4 or more of the above

File Description	Documents
Upload any additional information	**No File Uploaded**
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)

3.81

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

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

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

56

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, networking, scanners and printers. Revision in syllabus and up-gradation of existing software's demands up-gradations in the IT infrastructure. Also

institute intends to purchase latest configurations/edition of IT equipments while fulfilling the requirement or while replacing the old one. Institute fulfils the requirements stated by competent authorities.

Institute follows following practices for up-gradation of IT facilities

- The up gradation of computer systems is taken up on a periodic basis as and when necessity arises. This is ensured with purchases of latest technology or new processor or replacement of systems whenever a particular system is found beyond repair. The old computers are used for hardware and networking courses (if any)
- Software are upgraded due to revisions and updates
- Updating the internet bandwidth when need arises (Currently 100 Mbps leased-line is available)
- Wi-Fi Facility: - Cisco Wi-Fi routers with high capacity are provided with sufficient speed. Facility is updated with reference to digitalization and internet bandwidth
- Institute has purchased HPC Servers with 4 core to tackle internet-scale problems efficiently and updated the same when need arises due to load on the system.
- Classrooms and laboratories are equipped with LCD projectors and a PC with internet connectivity and updated based on use and need.
- 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	Nil

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)

61.58

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

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

Laboratory Maintenance

Each department separately carries their maintenance activities as and when required. Individual department ensures the availability of equipment in working condition. The laboratory in-charge and technical assistant carry out preventive maintenance periodically.

For breakdown maintenance following is the procedure:

- **If breakdown of equipment is observed lab in-charge informs the details to the HOD.**
- **Equipment warranty status is then reviewed**
- **If it is under warranty the supplier will be called for the**

maintenance, else maintenance service provider is identified.

- Problem is discussed with service provider and quotations are requested.
- Quotations are discussed with Principal and final approval is obtained.
- Maintenance is then carried and records are maintained

Other Maintenance

- Diesel Generator Set, Air conditioners, Electric Lift, Maintenance - Institute has annual maintenance contracts with competent agencies.
- Day to day electrical maintenance - The technical assistant and faculty coordinator from the department of electrical engineering periodically carry the maintenance.
- College Vehicle Maintenance - Vehicle in-charge reviews the requirements of preventive and breakdown maintenance and discusses the same with Principal and Chief administrative officer who finally approves the agency for maintenance.
- Civil Maintenance - Faculty in-charge from civil engineering department is coordinator for civil maintenance who obtains approval from the Principal and CAO. Then the petty contractor appointed by foundation carries civil maintenance.
- The workshop staff carry out minor repair and maintenance of furniture in-house.
- IT Maintenance - Head of computer engineering department reviews maintenance requirements of various departments/sections for computers and other peripherals and carry out the maintenance accordingly.

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

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

1210

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

12

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	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

`348`

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

`348`

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

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

109

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

2

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

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

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

1

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

5.3 - Student Participation and Activities

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

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

3

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

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

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**
- **Other Committees like magzine, news letter, cultural, sports etc.**

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

The institution has registered alumni associations and motivates alumni for their contributions towards institutional, academic and infrastructure development. Institute believes to create and maintain a lifelong connection with its alumni. As stakeholders of the institution, alumni visits to the college and we take an opportunity for interactive sessions with students 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 2021-22 are 1287.

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

- Become the member to strengthen alumni 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
- Placement assistance
- Introduction of the institute to various industry professionals
- Branding of the istitute

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

Governance of the institute is reflective and in tune with the Vision and Mission of the institution. Following points provides the justification on how the governance is reflective

- Members of the board of governance are industrialist, businessman, educationalist, and representatives of statutory bodies and university to formulate guidelines for effective implementation of vision, mission and the perspective plan
- Institute has other committees like college development, IQAC, women's grievance, academic review etc. for monitoring, control and development of the institution
- Vision and Mission statements are established considering the stake holders expectation and the participation
- Enhancing quality education, skill and research by establishing skill development centre in association with companies like MICO BOSCH and SIEMENS and Robotic laboratory, which are over and above the curriculum.
- Providing the state-of-the-art infrastructure that includes air conditioned auditorium and conference hall, football and basketball play ground, cricket turf, pedestrian friendly path ways, prayer hall, fountain, green campus, generator backup, lift etc.
- Enrichment of the departmental laboratories with latest equipments
- Employing the qualified and experience faculties (7 faculties are PhD and 8 are pursuing)
- Provision of infrastructure and support for various value added / add on courses, industry visits, experts lectures, seminars, workshops, conferences, staff trainings, higher education etc.
- Implementing e-governance in the areas of administrative and academics through the latest ERP software

- **Implementation of the Outcome Base Education (OBE) system resulted in NAAC and NBA accreditation**
- **Certification as per ISO 9001:2015 to ensure effective management of the various processes**
- **Establishing the various policies for the staff welfare**

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

Participatory management and decentralization is practiced at various levels, which involves making decisions and executing various activities concerning academic and administration as explained below.

- **The management committee Board of Governance is the apex body responsible for developing polices, budget and strategies for the overall development of the institution.**
- **Principal follows the directives of the apex body and implement the actions through the various planning along with all departmental heads**
- **College development committee and IQAC plans the various actions for the development of the institute and conveys them to Board of Governance for the approval**
- **Principal shoulders the responsibility of administration along with account head and the registrar for smooth functioning of the institution.**
- **The Head of Department follow all the circulars from various authorities for actions, co-curricular and extra-curricular activities with respect to their department.**
- **Faculty members are assigned with different functional responsibility and participate in decisions making processes during the departmental meetings.**
- **Faculty members, staff and student representatives are members of various institute level committees like student welfare student council, clubs, professional chapters etc.**
- **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 and cultural activities etc.**

File Description	Documents
Paste link for additional information	**Nil**
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. Following are deployment details of the strategies (2018-19 to 2022-23)

Motivating faculty for higher studies like Ph.D. - 9 faculties registered their Ph.D. and 2 faculties completed.

Appointing faculty with PhD qualification - 7 Ph.D. faculties

Enhancing Research and Development - Department of science and technology (DST) has funded the project (Rs. 4,70,000/-). Faculties have their publications indexed in SCOPUS / UGC Care and 5 patents are applied

Faculty development - Total FDP/Trainings organized – 28 and 69 faculties attended

Skill development courses - 300 plus students completed the courses

Strengthening Alumni Association - Nearly 900 plus alumni's were registered contributing in various ways.

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

Accreditations - Accredited by NAAC (B+ grade 2019), Mechanical engineering program is accredited by NBA (Valid till Jun 2025), Institute is certified as ISO 9001:2015

Establishment of incubation centre - Cell was established as per the guidelines of the Centre for Innovation, Incubation and Linkages, Savitribai Phule Pune University, Pune. Institute has also established Institution Innovation Council (IIC) as per the norms of

Ministry of Education, Govt. of India.

Addition of new UG/PG program – With intake variation Computer Engineering Program was introduced (intake 120)

Establishment of industry institute partnership centre - Institute has established skill development centre with a various facility and investment of Rs. 42 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=bXAuZmxkX21lbnVfaWQ9MyBhbmQgbXAuZmxkX21lbnVfZHJvcGRvd25faWQ9NTkgYW5kIG1wLmZsZF9tZW51X2Ryb3Bkb3duX3BhZ2VfaWQ9MjE=
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. Following are the details of institutional bodies and their function

- **Board of Governance is a decision-making authority and develops the various policies for overall development of the institution**
- **Provide necessary financial support for state-of-the-art infrastructure.**
- **Member of Board of Governance approves the faculty requirement and Principal appoints qualified faculties as per the rules and procedure of statutory bodies.**
- **Principal and Vice Principal frequently reviews the status of academic implementation and ensures effectiveness.**
- **Vice Principal in consultation with Principal monitors the academic and accreditation activities.**
- **Principal and Registrar ensures that the service rules are followed as per the guidelines given by affiliating university and statutory bodies**
- **Principal and College Examination Officer are the overall in-charge of all the examination processes**
- **Head of department in consultation with Principal ensures**

- effective implementation of various policies and decision at the departmental level apart from regular teaching and learning process
- IQAC coordinator supports Principal and Vice Principal for all accreditation and certification requirements and quality initiatives in academics.
- Principal constitutes various committees like anti ragging, women's grievance, R&D, academic, sports, cultural etc. for effective academic and administrative activities
- Training and Placement head in consultation with Principal ensures effective implementation of Training, Placement and Entrepreneurship activity.

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=bXAuZmxkX21lbnVfaWQ9MyBhbmQgbXAuZmxkX21lbnVfZHJvcGRvd25faWQ9MyBhbmQgbXAuZmxkX21lbnVfZHJvcGRvd25fcGFnZV9pZD0z
Upload any additional information	No File Uploaded

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	No File Uploaded
Screen shots of user 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
- 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-teachingstaff and members of managing committee is organized.
- Teachers day celebration
- Women Empowerment program

File Description	Documents
Paste link for additional information	Nil
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

58

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

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

11

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

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

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

56

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	**No File Uploaded**
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. The appraisal process considers the following aspects:

Submission of information by faculty - Data regarding teaching load, self attendance, result analysis, responsibilities other than academic, student feedback, self development, achievements, future plan etc.

Academics Review by HoD – HoD evaluates academic aspect of faculty that comprises twelve fields representing different attributes.

Participation in various activities – Aspect considers the activities necessary for professional development of individual faculty and contribution for institutional development.

Evaluation by Dean & Principal - Evaluation is based on ten curricular and co-curricular points in consultation with HOD

Management - The management reviews the performance appraisal. Suitable decision like regularizing the staff after probation period, deciding the regular increments, promotions etc. are then taken by members.

Non-Teaching staff:

Appraisal considers the points like professional competence, performance, personal characteristics, achievements, up gradation in skill and responsibilities handled. HoD and Principal evaluates and then submitted to management for further action.

File Description	Documents
Paste link for additional information	Nil
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 Chief Administrative Officer 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 Principal, Chief Administrative Officer and Accounts officer take care of compliance of the objections raised, if any

File Description	Documents
Paste link for additional information	Nil
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)

0

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

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 the trust 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 purchase of equipments required for institute. The utilization of funds are optimized following standard practices of purchase of equipments or while appointing maintenance and other agencies

File Description	Documents
Paste link for additional information	**Nil**
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. 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) and ISO audits

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

- **AQAR for the AY 2020-21 has been successfully submitted to NAAC and is accepted**
- **Mechanical engineering program is accredited by NBA for three years valid till Jun 2025**
- **Civil and Electrical engineering departments are preparing for the NBA Accreditation**
- **Institute participated in NIRF 2021**
- **Successfully completed the Surveillance audit as per requirements of ISO 9001:2015 and got certified till Oct 2025**
- **Additional laboratory facility was created for the newly added computer engineering program**
- **Institute has applied for the new addition of program AIDS**
- **Stake holders feedback was obtained, analyzed and actions are taken for the improvements**
- **New ERP software is purchased for the academic and administrative processes and generation of records for OBE system**
- **Total FDP/STTP/Seminar/Workshop organized – 28**
- **Total no of faculty attended FDP/STTP – 57**

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

Course file is a record that takes care of entire teaching learning process, also ERP software was purchased for atomization of academic process and effective implementation of the OBE system. Academic dean and HoD continually monitors teaching learning process and the members of IQAC reviews its teaching learning process, structures & methodologies of operations and learning outcomes once during each semester.

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

- **Academic process is fully atomized using an cloud base ERP software**
- **Preparation and dissemination of academic calendar**
- **Timetable preparation as per workload assigned to faculty.**

- **Development of the lesson plan**
- **Preparation of monthly academic report**
- **Continuous internal evaluation through class test, assignments, practical's, industry visits, expert lectures etc.**
- **Appreciation to best performing faculty**
- **Implementing OBE system and evaluation of the CO-PO attainment**

For effective implementation of academic and for sustaining the quality internal audits are conducted. 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	**Nil**
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	https://engg.ggsf.edu.in/home_dropmenu_page.php?pg_ds=aGRwLmZsZF9ob21lbWVudV9pZD0xNCBhbmQgaGRwLmZsZF9ob21lbWVudV9kcm9wZG93bl9pZD0xNSBhbmQgaGRwLmZsZF9ob21lbWVudV9kcm9wZG93bl9wYWdlX2lkPTE3
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 are the members of various bodies like, Student council, Internal complaint committee, Grievance committee etc.
- Girl students participates in organizing various events and intercollegiate competitions
- Recruited many ladies faculty and staff, are the members of various committees
- Women's cell organizes guest lectures and other program for sensitization of the students on gender equity
- Girl students actively take a part in NSS as a volunteer
- Mentors are appointed for boys and girls for solving their problem.

Safety and Security

Following are the measures taken at our institute:

- 100% fencing of the institutional campus to ensure security measures to control ingress and egress from the college

campus.
- 24x7 Security is provided in the campus for providing a safe and secure environment.
- Closed Circuit Television (CCTV) video monitoring system is adopted
- A due care has been taken to achieve cyber-security within the campus through CYBERROM.
- Uniform and identity cards for students and faculties
- College has established a women's grievance cell for purely safeguarding the rights of female students and staff members.
- Girls' common room has been provided for girl students and lady staff.
- A separate suggestion box is kept in girl's common room and checked frequently

File Description	Documents
Annual gender sensitization action plan	https://drive.google.com/drive/u/3/folders/1lzXopeTe19F-cDP3IVZFwXCWwXfLPzcx
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://drive.google.com/drive/u/3/folders/1lzXopeTe19F-cDP3IVZFwXCWwXfLPzcx

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	B. Any 3 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

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

Solid and liquid waste Management:

Waste management is one of the greatest challenges to achieve sustainable use of water resource. Conducting a waste characterization is the first critical step in successful 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. The compost generated 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 put to optimum use; the minor repairs are set right by the staff and the laboratory assistants; and the major repairs, by the professional technicians, and 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	No File Uploaded
Geo tagged photographs of the facilities	https://drive.google.com/drive/u/3/folders/1ihOPsd14gQLLU_Qw-HDBUfFmlmE6zNL1
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the	C. Any 2 of the above

campus

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. **Restricted entry of automobiles** 2. **Use of Bicycles/ Battery powered vehicles** 3. **Pedestrian Friendly pathways** 4. **Ban on use of Plastic** 5. **landscaping with trees and plants**	**A. Any 4 or All of the above**

File Description	Documents
Geo tagged photos / videos of the facilities	[View File](#)
Any other relevant documents	**No File Uploaded**

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

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

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

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

`A. Any 4 or all of the above`

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

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

Institute 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. Though the institution has diverse socio-cultural background and different linguistic, it does not have any intolerance towards cultural, regional, linguistic, communal socio economic and other diversities.

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 (pledge is taken by staff and students on National Integration Day)**

- To develop the emotional and religious feelings among the students and the faculty, commemorative days are celebrated
- The college and its teacher and staff jointly celebrate the cultural and regional festivals, like Fresher Party, teacher's day, orientation and farewell 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

In this way, the institute takes efforts/initiatives in providing an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socio-economic, and other diversities.

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 like values, rights, duties and responsibilities of citizens.

- 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 of various days and event or propagating institutional value and inculcating social responsibilities amongstthe student and staff

- 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
- Celebration of Engineers day on 15th Sept
- 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)	[View File]()
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Practice – 1

Title - Professional skill Trainings

Objectives:

Prepare students for industry oriented learning and skills relevant to their profession and make them employable.

Context:

Technological advancement is required to incorporate into academics and hence it becomes imperative for the education institutes to prepare readily employable graduates.

Practice:

- Established the state-of-the-art laboratory with automated trainer kits in line with industry equipments like SIEMENS and BOSCH
- Training in the areas of automations, vehicle systems and robotics
- Specialized software trainings through Eduskill, Blueprisam, Red Hat etc
- Soft skill and Personality development trainings

Evidence of success: More than 400 students trained

Problems: Due to pandemic effective exposure to the available facilities was an issue.

Resources required – Trainers and Laboratories

Practice – 2

Title: ISO 9001:2015 Certification

Objective:

Develop and implement Quality Management System (QMS) and prepare the institute to conduct its affairs to achieve the desired academic quality

Context:

Various challenges observed by the institute were the driving force for implementing the Quality Management System as per International

Standard ISO 9001:2015.

Practice:

Institute determines and documents the processes needed for effective operations and apply throughout the organization.

Evidence of Success: Certified in the year 2016 and certification is valid till Oct 2025.

Problems: Limited number of certified QMS internal auditors

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 institutes management. Taking this initiative, it is proposed that a "Skill Development Centre" should be established in the Campus. Objective is to bridge the gap between industry and academic sector. Following is the summary of the efforts taken by the initiatives

- Establishment of laboratory that cost around Rs. 1 Cr.
- Active MOU with industries like BOSCH & SIEMENS was established
- Every academic year various training in the field of automation and vehicle diagnostics in line with industry requirements are conducted by the institute as value added courses
- Establishment of robotics and mechatronics laboratories that are beyond the curriculum
- Establishing the incubation and entrepreneurship development cell
- Compulsory industry internship to the students of all engineering program
- Organizing various industrial visits, experts lectures
- Organizing career guidance program for the students
- Special guidance on competitive examinations
- Conducting various technical sessions / workshops on use of

    modern technology
- Encouraging students for participation at various technical competitions and writing research articles

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

- Improvement in overall admissions of the institute
- Digitization of the OBE system with ERP software
- Participating in National Institutes Ranking Framework (NIRF)
- Preparation and Submission of the NAAC-AQAR
- Successful ISO 9001:2015 certification audits
- Enriching the teaching e-resources by developing quality learning videos, PPT's, notes, question bank
- Organizing the technical events for the students
- Addition / intake variation for under graduate engineering programme
- Preparation for NBA Accreditation of remaining engineering programme
- Establishing the laboratories as per curriculum for the computer engineering programme
- Appointment of faculty as per norms and cadre ratio
- Organizing an international Conference
- Improvement in placement