SELF STUDY REPORT

FOR

1ˢᵗ CYCLE OF ACCREDITATION

GENBA SOPANRAO MOZE COLLEGE OF ENGINEERING, BALEWADI, PUNE

SURVEY NO. 25/1/3, BALEWADI, NEAR BALEWADI STADIUM
411045
www.gsmozecoe.org

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

January 2018

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

"????????? ?????? ???????"
To qualify the meaning of life becomes possible through deep rooted knowledge and act of selfless service for the betterment of the nation considering various aspects of the society.

In line with the aforementioned thought process and adhering to its Vision and Mission, the G. S. Moze College of Engineering, Balewadi, Pune since its commencement in 1999 under the leadership of Hon. Shri Rambhau Moze, Ex-MLA and educationalist, has made significant strides towards excellence by ensuring holistic development of its students.

We dedicate ourselves to foster a culture that supports creativity and acts as an enabler for idea generation together with an atmosphere to think unconventionally-out of the box in order to lay the foundation for a successful entrepreneurial beginning while inculcating the values that raise socially responsible citizens.

The state of art infrastructure, equipped with the best of laboratories, a library with all that you need to read, a pool of highly qualified faculty along with the Vision of the administration are instrumental in bringing the best out of the hardworking students.

It is our endeavor to constantly improve the facilities that we offer our students to keep them ahead of the demands of the society and G. S. Moze College of Engineering is committed towards the development of our students through Technological Excellence.

Vision

"EMPOWERMENT THROUGH TECHNOLOGICAL EXCELLENCE"

Mission

• Imparting Value Base Education
• Integrating Engineering and Industry
• Enhancing Employablity and Entrepreneurship
• Developing Research Culture
• Creating Global Competency

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Best location nearby Bombay-Bangalore National Highway to attract society
- Ethical Trust believes on **"????????? ?????? ????????"**
- Excellent environment with facilities
- Interactive practices for innovative Teaching–learning methodologies
- Dedicated faculties
- Standard project reports
- Talent appreciation
- Dynamic professionals
- Cosmopolitan surrounding

Institutional Weakness

- Insufficient alumni response
- Less National and International collaboration
- Lack of funded projects and consultancy
- Comparatively less Doctoral faculty

Institutional Opportunity

- Alliance with Industries
- Apprehending brand for attracting talented students
- More funds for research activities
- More contribution for the development of number one smart city Balewadi Pune
- Boosting for entrepreneurs & Incubation due to IT Hub-Hinjewadi & Industries
- Best connectivity to access more interaction with outside world

Institutional Challenge

- Competition with existing institutes to maintain quality
- Decreasing interest for Engineering admissions
- Enhancing employability skill
- Retention of qualified faculty

SWOC analysis leads pathway to fulfil Vision of the Institute.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The Institute has defined vision, mission and objectives for continual improvement. Institute has five undergraduate programs in engineering and engages various academic activities as per Curriculum prescribed by SPPU Pune. Faculty members have significant contribution towards Curriculum design and development through active participation in Workshops for Curriculum design & implementation.

As Institute is affiliated to SPPU Pune, University have provided flexibility by providing options to choose elective courses for Final Year UG students. The Curriculum also provides Audit courses which will imparts value education.

The various add on courses are conducted by institute in order to bridge gap between academics and industry. Value added acitivites such as seminar, workshop, guest lecture and industrial visits Provides greater prospective of real life working enviornment to students and increases their employbility skill set. Final year engineering students get opportunity of doing internship which benefits them for performing good projects.

Institute ensures that appropriate feedback are received from various stakeholders such as alumni, teacher, parent and student. The feedback regarding curriculum and other aspects of institute are reviewed and appropriate actions are taken which leads for furthur development.

Teaching-learning and Evaluation

Institute is passionate to support students for appropriate values corresponding to social, cultural, economic and environmental realities as essential and desirable values. Admission process is transparent and has well-administered mechanism, complying the norms. The student profile is analyzed annually to understand background and plan the teaching learning process accordingly and facilitative as per the guidelines of AICTE. Actions are planned for the students, namely GFM counseling, language training, personality development *etc.* caters equal opportunities. Institute adopts the formative and summative assessment approaches to enhance student's performance. Due care is taken to nurture critical thinking, creativity and scientific temper among student by offering various platforms.

Every department analyzes the curriculum and maps the skill and competency of existing faculty members with it. In case of any minor change in curriculum faculties are trained and supported to equip them-self for the change. To Support research activity provision is made to use infrastructure beyond scheduled time. The scheme of mentor-mentee exits in institute. The reforms of the University are framed timely.

The Institute has clearly stated learning outcomes such a way that the acquisition of the skills and knowledge are embedded in the curriculum. Institution is well-structured to achieve intended learning outcomes.

Research, Innovations and Extension

College always emphasizes on research, consultancy and extension to serve the locality where it functions. Some faculty members always participate in national and international conferences for presentation of their different research papers. The college has potential to initiate research activities and initiatives are taken by faculties working for different departments, college has recently established an incubation centre with an aim to provide a platform for students to explore industry innovative and entrepreneurship. To promote research based activities college organized number of national, state level conferences, seminars, and workshops in different areas.

The college contributed in research in different International, National, State level Conferences/Seminars/ Workshop and in Journals. Social responsibility is one of the mainstays that support our academic and research work. As active agents of social change, we aim to address, sensitize and find solutions to social and environmental problems through various extensions through its NSS volunteers and also associating teachers

closely in this area. Various awareness programmes like blood donation, AIDS Awareness, Tree Plantation, are commendable extension activities. The College is actively involved in expansion of outreach programs through NSS and UNITY Group units of the College.

Infrastructure and Learning Resources

GSMCoE have five Programs Civil, Computer, E&TC, IT and Mechanical. Institute provide adequate infrastructure as per AICTE norms having variable budget according to requirement. For the overall development of students we have extracurricular activity like sports, meditation and cultural activities. Institute has 23 classrooms, 4 seminar halls with ICT.

Library consisting of 30573 books and large collection of 110 print journals, 454 e-journals from Science Direct, IEEE and 2015 e-books from Springer. Remote Access provided to e-content through 640 PCs in college campus. Library is fully automated, Area of the library is 600 m2 including Reference and reading hall.

The Institution frequently updates its IT facilities like LAN, Wi-Fi, and Computers etc. according to requirements of University syllabus. Currently the college is equipped with 45 Mbps + 22Mbps bandwidth. All classrooms are equipped with LCD projector and seminar hall with ICT facility. Current student-computer ratio of institution is 1:3.

The maintenance of institute is carried out by the unit of trained personnel who looks after the maintenance for departmental laboratories, classrooms, water supply, parking, gardening, electricity supply, as well as repairing of instruments. Periodic observations and continuous monitoring by the higher authorities help in proper maintenance of whole infrastructures.

Student Support and Progression

Institute has facilitating mechanisms like carrier guidance cell, placement cell, grievance redressal cell and welfare measures to support students. Institution has a well structured, organized guidance and counseling system in place. Our students benefited through government Scholarships for all category students and non government scholarships like Lila Poonawala, Cummins India etc.

To facilitate vertical movement of students from one level of education to the next higher level or towards gainful employment, institute organizes skill development programs.

The Institute helps each student in exploring placement opportunities by inviting various companies for campus recruitment of students who are in the final year of the program

The institute has the required infrastructure and promotes active participation of the students in social, cultural and extracurricular activities. Institute provides full support to student for participation in co-curricular as well as extracurricular activities.

Genba Sopanrao Moze College of Engineering Alumni Association is registered on 21/8/2017 with the goal to create a network that will serve and empower graduates of our college. Our alumni voluntarily came to help to strengthen our student's performance by conducting guest lectures

Governance, Leadership and Management

The Vision of the college is to empower the students, faculty and management by achieving excellence through technology. Institute has defined distinct Mission and core Values.

The leadership of the institute believes in participative management and strives to bring in excellence by structured organizational system with the involvement of all the stakeholders. The institute has a well-defined perspective plan involving focus areas, action plan.

The institute is independent in the decision making process and planning for strategic development and deployment. We have effectively implemented solar system for eletricity and water heating. Various welfare mechanisms like Accidental Insurance, free health checkup, earn and learn policy *etc.* are available for the student and staff.

The management motivates the faculty to attend various workshops by partial reimbursement of expenses and organize need based motivational training program for staff.

The institute ensures all expenditure by external audit using all its account statement and prepares a yearly audited statement through Chartered Accountant. The institute has adequate budgetary provision for academic activities and its mobilization is monitored to ensure optimum utilization.

The institute has implemented the concept and functioning of IQAC through Academic Monitoring Committee.

The management encourages the faculty to carry out the research in selected areas of engineering by motivating the entire faculty to pursue Ph. D and publications.

Institutional Values and Best Practices

Institute provide an interdisciplinary learning environment and promote students and staff to participate actively in building a socially diverse and sustainable society with connections to local, regional, and national communities'. Institute culture teaches to respect our national and institutional symbols and participate in different activities. In order to nurture the eco-friendly environment and to make the entire Campus clean and green Trees and Lawns have been specially developed and are maintained most green. Great Indian personalities ideology is imbibed into the young minds by conducted various exhibitions and programs. The Institute has started conducting green audit by a certified auditor. Energy conservation activities pursued by GSMCoE, is a mark of our commitment to nurture and sustain the environment. Solar water heater is used in Girls Hostel and Integrated solar LED street light, solar rooftop power system and LED tube lights in the campus to save energy and for awareness. Rainwater harvesting is implemented with a strong desire to conserve water. Our Civil engineering and E&TC students are also involved as apprentice in these projects. Best Practices of the Institute like Best projects, best outgoing student are selected to encourage students to be regular, more participative for academic excellence.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	GENBA SOPANRAO MOZE COLLEGE OF ENGINEERING, BALEWADI, PUNE
Address	Survey No. 25/1/3, Balewadi, Near Balewadi Stadium
City	PUNE
State	Maharashtra
Pin	411045
Website	www.gsmozecoe.org

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Director	W. Z. Gandhare	020-27390500	9822658374	020-2668700 0	gsmoze@yahoo.co.in
Professor	F. B. Sayyad	020-27050937	9422646654	020-2705099 4	fbsayyad@gmail.com

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular Day

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details	

Date of establishment of the college	01-01-1999

University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State	University name	Document
Maharashtra	Savitribai Phule Pune University	View Document

Details of UGC recognition

Under Section	Date	View Document
2f of UGC		
12B of UGC		

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	10-04-2017	12	

Details of autonomy

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No

Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	**Address**	**Location***	**Campus Area in Acres**	**Built up Area in sq.mts.**
Main campus area	Survey No. 25/1/3, Balewadi, Near Balewadi Stadium	Urban	5	16928.41

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	**Name of Programme/Course**	**Duration in Months**	**Entry Qualification**	**Medium of Instruction**	**Sanctioned Strength**	**No.of Students Admitted**
UG	BE,Mechanical Engineering	48	HSC	English	660	491
UG	BE,Civil Engineering	48	HSC	English	480	412
UG	BE,Computer Engineering	48	HSC	English	360	217
UG	BE,Electronics And Telecommunication Engineering	48	HSC	English	420	74
UG	BE,Information Technology	48	HSC	English	240	42

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				**Associate Professor**				**Assistant Professor**			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				13				26				77
Recruited	2	0	0	2	3	1	0	4	35	42	0	77
Yet to Recruit				11				22				0
Sanctioned by the Management/Society or Other Authorized Bodies				0				0				0
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit				0				0				0

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				48
Recruited	41	7	0	48
Yet to Recruit				0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				11
Recruited	10	1	0	11
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	1	0	0	0	1	0	0	0	0	2
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	20	33	0	53

Temporary Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	1	0	0	2	0	0	0	0	0	3
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	1	0	0	15	9	0	25

Part Time Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	**Male**	**Female**	**Others**	**Total**
	12	2	0	14

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	1018	2	0	0	1020
	Female	212	4	0	0	216
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	46	51	34	30
	Female	4	15	9	6
	Others	0	0	0	0
ST	Male	2	2	0	1
	Female	0	0	0	0
	Others	0	0	0	0
OBC	Male	118	118	87	71
	Female	19	29	9	13
	Others	0	0	0	0
General	Male	187	123	151	222
	Female	57	52	30	32
	Others	0	0	0	0
Others	Male	64	122	62	36
	Female	18	26	9	11
	Others	0	0	0	0
Total		515	538	391	422

3. Extended Profile

3.1 Program

Number of courses offered by the institution across all programs during the last five years

Response : 778

Number of self-financed Programs offered by college

Response : 5

Number of new programmes introduced in the college during the last five years

Response : 0

3.2 Students

Number of students year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1308	1937	1871	1761	1781

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
168	211	363	271	328

Number of outgoing / final year students year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
450	534	355	349	367

Total number of outgoing / final year students

Response : 2055

3.3 Teachers

Number of teachers year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
108	144	137	105	113

Number of full time teachers year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
108	144	137	105	113

Number of sanctioned posts year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
152	160	156	146	132

Total experience of full-time teachers

Response : 626

Number of full time teachers worked in the institution during the last 5 years

Response : 341

3.4 Institution

Total number of classrooms and seminar halls

Response : 27

Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
774	625	540	811	639

Number of computers

Response : 640

Unit cost of education including the salary component(INR in Lakhs)

Response : 0.45

Unit cost of education excluding the salary component(INR in Lakhs)

Response : 0.39

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

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

Response:

Institute is affiliated to Savitribai Phule Pune University, Pune (SPPU) and adopts and Delivers the curriculum provided by the Board of Studies (BoS) for various engineering programs. Institute ensures the effective delivery of curriculum within the framework in order to achieve institute mission. Institute has a structured academic plan, for effective curricular planning and implementation, as per following documented process:

- At the beginning of every academic year, academic calendar of institute is prepared in accordance with academic calendar of to Savitribai Phule Pune University, Pune (SPPU) which include internal test schedule, university examination schedule, department and institution level activities
- Head of each department allocates the theory and laboratory courses to faculty members according to area of expertise, skills and relevant experience
- The department time table for each semester is prepared which shows Theory and laboratory class hours. The class timetables are displayed on respective departmental notice boards
- Faculty prepares extensive lecture notes using university prescribed books and other references as nptel. Laboratory manuals are prepared and upgraded so that students are able to perform experiments in order understand theoretical concepts with practical applications
- Course files are prepared and maintained by respective faculty members, which contain all the information necessary for the effective delivery of the curriculum
- Students' attendance and academic progress for individual course is continuously monitored through teaching plan along with continuous monitoring. Periodical tests are conducted for theory subjects and mock examination for practical / oral.The remedial classes are conducted for the students having poor performance in these evaluations
- The institute follows scheme of Guardian Faculty Member (GFM). In this for a group of around 20 students a teacher is allocated as Guardian Faculty Member (GFM). The role of GFM is to conduct a meeting after every 15 days, in which counseling of students and provide guidance for poor performing students. GFM also addresses the nonacademic issues related to students
- Faculty is encouraged to upgrade the curriculum through teaching methods such as workshops, seminars, industrial visits apart from regular/traditional teaching methods
- Views of experts from industry, academia and alumni on curriculum are taken for improving teaching learning process and academics
- The institute has ICT based feedback management system, which enables stakeholder-institute interaction for enrichment of teaching-learning process and overall development of student

1.1.2 Number of certificate/diploma program introduced during the last five years

Response: 50

1.1.2.1 Number of certificate/diploma programs introduced year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
12	11	9	9	9

File Description	Document
Details of the certificate/Diploma programs	[View Document](#)

1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years

Response: 0

1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
Details of participation of teachers in various bodies	[View Document](#)
Any additional information	[View Document](#)

1.2 Academic Flexibility

1.2.1 Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years

Response: 10.03

1.2.1.1 How many new courses are introduced within the last five years

Response: 78

File Description	Document
Details of the new courses introduced	[View Document](#)

1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented

Response: 100

1.2.2.1 Number of programs in which CBCS/ Elective course system implemented.

Response: 5

File Description	Document
Name of the programs in which CBCS is implemented	View Document

1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years

Response: 34.46

1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
526	661	541	553	670

File Description	Document
Details of the students enrolled in Subjects related to certificate/Diploma/Add-on programs	View Document

1.3 Curriculum Enrichment

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

Response:

Environment and Sustainability:

Nowadays it is equally important to create awareness about Environment and Sustainability among the engineering students through curriculum planning and delivery.

With increasing use of ICT, institute is aiming to reduce use of paper as low as possible. The courses like Environmental Engineering – I and Air Pollution and Control educate students about the importance of environment protection for upcoming generation. Whereas courses like Power Plant Engineering and

Energy Audit and Management deals with energy efficiency and effective utilization of resources. The concept of energy efficiency is promoted. Basic civil & environmental engineering included in FE promotes green environment.

Gender:

The institution is well prepared to handle and respond to gender sensitive issues. The principle of equality is followed by the teachers and the management alike. Special care is taken to avoid the any discrimination in allocation of duties to women students and usually mixed groups are constituted for different purposes and particularly leadership training is given to girls also. Sufficient number of women teachers is employed. Some of the activities of the

Women Cell are -

(a) Orient teachers to become aware of gender issues

(b) Making teaching - learning process gender responsive

(c) Providing insights into the social construction of gender roles for assigning different responsibilities to men and women

Human Values:

 As a significant part of existing syllabus human values are imparted through course such as value education, human rights and legislative systems, which in turn benefits students for becoming technosocital person for the welfare of society.

Professional Ethics:

Institute takes efforts to impart professional ethics amongst students and faculty through different courses and activities.

The Professional ethics is a virtue of behavior of Professionals while dealing with personal and public domain.

File Description	Document
Any Additional Information	[View Document](#)

1.3.2 Number of value added courses imparting transferable and life skills offered during the last five years

Response: 19

1.3.2.1 Number of value-added courses imparting transferable and life skills offered during the last five years

Response: 19

File Description	Document
Details of the value-added courses imparting transferable and life skills	[View Document](#)

1.3.3 Percentage of students undertaking field projects / internships

Response: 31.96

1.3.3.1 Number of students undertaking field projects or internships

Response: 418

File Description	Document
Institutional data in prescribed format	[View Document](#)

1.4 Feedback System

1.4.1 Structured feedback received from 1) Students, 2)Teachers, 3)Employers, 4)Alumni and 5)Parents for design and review of syllabus-Semester wise/ year-wise
A.Any 4 of the above

B.Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: A.Any 4 of the above

File Description	Document
URL for stakeholder feedback report	[View Document](#)

1.4.2 Feedback processes of the institution may be classified as follows:
A. Feedback collected, analysed and action taken and feedback available on website

B. Feedback collected, analysed and action has been taken

C. Feedback collected and analysed

D. Feedback collected

Response: B. Feedback collected, analysed and action has been taken

File Description	Document
URL for feedback report	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Response: 0.39

2.1.1.1 Number of students from other states and countries year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
6	13	6	5	4

File Description	Document
List of students (other states and countries)	View Document
Institutional data in prescribed format	View Document

2.1.2 Average Enrollment percentage (Average of last five years)

Response: 77.68

2.1.2.1 Number of students admitted year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1308	1937	1871	1761	1781

2.1.2.2 Number of sanctioned seats year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
2280	2400	2340	2190	1980

File Description	Document
Institutional data in prescribed format	View Document

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Response: 100

2.1.3.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
168	211	363	271	328

File Description	Document
Institutional data in prescribed format	[View Document](#)

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

Response:

Institute is known by its student's performance promoting the same. Efforts are taken for assessing the learning levels of students once they admitted. The idea regarding calibre of the student for their entry level analysis is governed by qualifying marks and ranking in merit list. Induction program for parents and first year admitted students is conducted before commencement of academics. This programme is not only for giving academic information but to form the bond between the institute, Parents and students. DSE students are directed on the same basis at department level introducing them syllabus structure & Examination schemes. In the first interactive session guardian faculty member focuses to identity areas where student are facing the challenges. Motivational program are arranged for advance Learners. Subjects are made easy to understand with well define perquisite lectures. Specific evaluations are conducted to analyse student's performance and guided accordingly.

The classification as advance learner is carried out based on intellectual and academic ability, creative thinking, leadership quality, specific subject affinity, advanced learners are facilitated with library accommodating e-books, online and printed journals. Institute motivates them to contribute in different project competition like Robocon, Annual gathering, sports, and Social activities. Courses are conducted for such students. Students are encouraged for preparation of GATE, GRE, MPSC and UPSC examination & also guided for higher studies, through seminar and Guest Lectures. Students are explored to certificate courses for their technical skills. Slow learners are identified & screened on the basis of soft skill (English language), Conceptual understanding & marks obtained in continues assessment. Students are promoted to acquire high skills in lagging areas. Slow learners are treated & focused through training programs such as special classes by faculty of Institution expresser to equipments. Extra lecture are conducted for conceptual understanding. Guardian faculty takes student in confidence and ensures necessary guidance, they supports to solve these problem with follow-up department takes care while assigning the group tasks, activities such that weaker chain associated with stranger one.

File Description	Document
Any additional information	[View Document](#)

2.2.2 Student - Full time teacher ratio

Response: 12.11

File Description	Document
Institutional data in prescribed format	[View Document](#)

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 0

2.2.3.1 Number of differently abled students on rolls

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

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

Response:

The institute emphases and adopts student centric methods for better understanding of the subject. Course objectives and course outcomes are defined for every course and communicated to the students. Teachers take feedback from students on the attainment of expected learning outcomes directly during the delivery of lecture and indirectly through surveys taken in the semester. Based on this feedback, teachers fine tune their mode of delivery. Teachers are also encouraged to attend training programs to improve teaching and technical skills organized by the institute and by other organizations. Teachers prepare the teaching plan, for theory and laboratory practical well in advance. The teaching plan and the lab plan include teaching plan, teaching activities, and students' activities, learning material and assessment tools. The lab plan and the self assessment of practical for students and staff are employed for assessing the understanding level of students and inputs for teacher for improvement.

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

Faculty has relevant PPTs from internet, Journals, Transactions and Standard books, objective questions. It needs patience and study to choose a proper PPT for a course (subject).Video clips for mechanism make

understanding of the subject matter easy. Notes on important concept of the subject provided. Brain storming among students is done on such ideas to make the course matter easy to understand. Faculty has collected or complied animation for mechanism to enhance the interest of students in the subject. Real world problem, in accordance with syllabi are listed to show the connection between study and carrier. Small workshops are arranged to promote "Do it yourself" concept. This is open type of learning where student energised to do something creative.

Well equipped Seminar halls to deliver lectures using overhead projectors. Home assignments are planned meticulously to increase the participation and understanding the subject or course or technology for students. Webinars are also planned and execute to achieve the above mentioned target of student centric learning. Industry persons, Technocrats are invited to deliver guest lecture on the various issues so that employability of student Increase. Faculty orientation program are planned and executed well in advance before the starting of semester.

The institute has evolved its learning environment in line with Active and Collaborative Learning principles. Detailed course objectives are notified to the students through lesson plans uploaded on ERP platform at the start of the semester. Study material and periodic assignments are also made available to the students. This enables students to come prepared for the classes. This practice has led to better interaction in the classrooms and laboratories. Guest lectures by experts from by the departments, to cover content beyond the syllabus.

- Mock viva
- Group discussions
- Training for aptitude tests
- Seminars for independent learning
- Industry Visit

Teachers use NPTEL videos and share them with students to promote independent learning.

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Response: 75.93

2.3.2.1 Number of teachers using ICT

Response: 82

File Description	Document
List of teachers (using ICT for teaching)	[View Document](#)

2.3.3 Ratio of students to mentor for academic and stress related issues

Response: 15.95

2.3.3.1 Number of mentors

Response: 82

File Description	Document
Year wise list of number of students, full time teachers and students to mentor ratio	[View Document](#)

2.3.4 Innovation and creativity in teaching-learning

Response:

Innovation and creativity in teaching learning process is aligned with institute's mission and vision and is a integral part of our academic culture. During curriculum implementation efforts are taken to consistently adopt new models of teaching-learning in the institute as it is need of the hour now days. Problem based, Project based, Student Centered, Active, E-learning, Co-operative and Lifelong learning approaches are adopted in the institute. Institute is using a new teaching approach for large classes that allows students to interact with each other and faculty online while accessing instructional videos and animations. **To enhance the creativity in teaching-learning process Curricular, co curricular and extra-curricular activities in the institute are executed.** Teaching and laboratory plan for all the courses is prepared including teaching model, teaching activity- **teaches apart from classroom in- campus**, student activity, learning material and assessment tool. Open ended assignment, practical on demand & logical tool are given to the students for critical problem solving.

Appropriate teaching strategies and tools like mind map, flow charts and nature observation are adopted in the institute to augment innovation and creativity in teaching and learning process. Structured feedback of the students and staff is taken for continuous improvement in the teaching learning process in terms of frequency and variety. **Homework, self-study assignments encourage them to explore their own abilities and in the process, inculcate the habit of lifelong learning. Student seminars provide opportunity for self-learning and improve presentation skills**. Technology tools such as **self learning** laboratory and ERP are used extensively in the teaching-learning process. Innovation and creativity are best conceived as capabilities that can be fostered in individual and group learning through explicit learning outcomes and assessment criteria. The teaching process is enhanced with intensive use of the **Smart Classrooms,** work book, **NPTEL videos** and research papers.

Self-learning laboratory helps the students to prepare them on challenging and critical concepts and solve it by using various learning material. Students can interact with the faculty members in various domains. Institute organizes visits to industries, research and development laboratories to enhance learning of staff and students. **The student can do experiments and seek the advice from a faculty member for validation and further guidance also the laboratories of the institute are open to desiring students.**

Institute students are encouraged

- To participate in national events like SUPRA, BAJA, GO-KART to promote passion, creativity, innovation and practical approach based technical skills in engineering
- To select projects which address social, environmental and industrial problems. Institute organizes the techno symposium like "AURA UMANG" where the students are encouraged to solve complex problems

- To select industry sponsored projects
- To publish research papers in conferences and journals
- To attend conference organized by institute to nurture scientific temper among them
- To use latest technique this leads to research aptitude among the students

It will help them to produce instinct in depth interest to go for higher studies and also enhance our teaching learning process.

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 81.28

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	[View Document](#)
Any additional information	[View Document](#)

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

Response: 4.57

2.4.2.1 Number of full time teachers with Ph.D. year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
10	9	5	2	2

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	[View Document](#)

2.4.3 Teaching experience per full time teacher in number of years

Response: 5.8

File Description	Document
List of Teachers including their PAN, designation,dept and experience details	[View Document](#)

2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

Response: 18.95

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
14	3	2	1	3

File Description	Document
Institutional data in prescribed format	View Document
e-copies of award letters (scanned or soft copy)	View Document

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Response: 10.7

2.4.5.1 Number of full time teachers from other states year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
15	21	16	13	15

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	View Document

2.5 Evaluation Process and Reforms

2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level

Response:

For the academics Continuous Internal Evaluation (CIE) has implemented and been monitoring by the institute. To develop the evaluation process, CIE has undergone many reforms, so it helps to improve the performance of faculty and students in academics. Evaluation of some headed activities is shown in table 1. As noted in the table, absence of the activity is indicated by the blank (empty) boxes, old method of

evaluation represented by the 'O' boxes, and reformed activities are indicated with 'R' boxes.

For better internal evaluation, course and laboratory file audit is conducted by experts on regular basis. Faculty members are suggested to take the necessary action as per the performance of students. To evaluate the needs of students and performance of the faculty Institute also collects the online academic performance index on the regular basis.

The implementation of CIE system at the institute level is incorporated to make sure of the following:

1. To evaluate the attainment levels of students and attaining required competencies in students
2. Targeting for the qualitative improvement in educationthrough valuation
3. Corrective measures are provided through feedback mechanism for the benefit of teachers, learners and parents
4. The various tools, techniques and modes of evaluation such as written test, oral testing, observation schedules, rating scales, interviews and anecdotal records(in GFM meetings), are used for individual and group evaluation at different stages
5. On basis of discussion, observational and situational tests comprehensive student portfolios are maintained

Effective utilization of Guardian Faculty Member (GFM) scheme has been making the institute, whose desired goal is to help student excel in academics and with best human value develop as a healthier professional. To classify students as academically weak/strong and suggests corrective measures, this activity plays an immense role. Some of the important activities are conducted by GFM Academic counseling, review of students, facilitating them interact with stake holders and guiding them for effective utilization of institute resources. GFM also interact with parents, motivate students for participation and guide about higher studies, competition and career. The feedback at GFM helps institute modification and implementation in evaluation process accordingly.

Table 1: Up gradation of Evaluation process and reforms

Method of evaluation	2012-13	2013-14	2014-15	2015-16	2016-
GFM	O	O	O	O	R
Students classification		O	O	O	R
Academic calendar	O	O	O	O	R
Feedback system (manual)		O	O	O	O
On demand mock-exam practice			O	O	O
Test, home-assignments		O	O	O	O
Teaching plan	O	O	O	O	O
Laboratory plan	O	O	O	O	O
Lab evaluation	O	O	O	O	R
Course file audit	O	O	O	O	R
Lab file audit	O	O	O	O	R

2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

Response:

The evolution of student academic performance carried out through their internal assessment. Student assessment policy is prepared by the Departmental Academic Coordinator and all the respected departmental academic coordinator. Student assessment procedure is communicated to all faculties by the academic coordinator. In the internal assessment of student institute keeps complete transparency. Through the discussion of various factors at the beginning of the semester by the subject teacher and informing the student about assessment process, transparency is ensured in the term work assessment. Monitoring of different factors with different ways like academic audit, student's feedback, GFM meeting record and confirms the things from the students and the faculties carried out by AMC team for the continuous improvement. For Mid-term submission, unit tests, mock oral, regularity of the student (attendance) are taken into account these internal assessment of student is done. Record of student attendance, Class test results, other participation related to student academics is displayed on the departmental notice board regularly. Consistency of the student with respect to his performance of experiments during the practical session is traced by the implementation of continuous assessment process. Now the Continuous Assessment Evaluation is improved with the help of "Student Evaluation for Outcome of Practical", by direct involvement of the student in the assessment of practical. Each practical consist of two or more Outcomes, which are defined by experiment level outcome of that practical. Each outcome of practical having specific rating and students will require to get maximum ten marks in each practical. On the basis of final calculation they got the term work. The marks obtained by the student in the Continuous Assessment Sheet (CAS) assigned the subject teacher in front of the student and then signs the journal prepared by the student. So obtained term work marks by the students are shown to the students.

On the basis of the various key points like daily monitoring, presentation skill, Team work, literature survey, Methodology and their technical activities, internal assessment of the seminar and final year project is done. For the project progress student keeps record in their project diary. Project guides check these books on a regular basis. Through the research paper published in international journal, the external peer assessed the project work. Internal and external examiner appointed by the SPPU conducts the oral and practical exam and finally display their marks through their result.

File Description	Document
Any additional information	[View Document](#)

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

Response:

To conduct university examinations and making policy decisions in regard to organizing and holding examinations, Institute established Institute Examination committee and same isdealing with grievances from student related examination. Following office bearers are involved in the Institute Examinations committee:

1. Campus Director- Dr. W. Z. Gandhare

2. Principal -Dr. F. B. Sayyad
3. Chief Examination Officer (CEO) –Prof. S. S. Khonde
4. Asst. CEO
5. Office representative (Student section)–Mrs.MadhuriTalale
6. Senior supervisors of Examination

Following are the common grievances which are usually addressed in the past by the committee:

1. Failure of submission of Examination form by student within time
2. Non-issue of Hall ticket for Examination
3. Non declaration of result of student
4. Non receipt of mark sheet after declaration of result
5. Absenteeism in paper/Subject: Even after appearing for that paper Student may be marked as absent for the particular paper/subject
6. Name correction in mark sheet
7. Special Examination for students participated in University tournaments

The working mechanism of this committee is represented in the figure below:

1. For every case of grievances, the institute examination committee takes initiative to help and solve all the issues of the student. The institute examination committee must submit the student application along with the endorsement of CEO and principal and all necessary documents to university and take follow up
2. To maintain transparency, office representative must provide photocopy of the covering letter to student for his reference. The office representative takes the follow up from university day to day
3. As per our past experience, student got modified/corrected documents from   university within a week by resolving his problem
4. In exceptional cases, it takes two week time from the university. Thus, the mechanism to deal with examination related grievances is time bound and efficient
5. Students also have grievance that they haven't got the marks as they expected
6. Conventionally, the university has a process of providing a photo copy and revaluation to deal with such grievances
7. Students have to apply for photo copy of answer sheet, those who get less marks than their expectation or fails in the subject
8. As per university rules, the student has to register on university website to login and provide the necessary details
9. Student must submit on-line examination form at university website and then hard copy of same with required fees has to be deposited in the college office to appear for the examinations
10. Those students who apply for the photo copy, university provides soft copy of answer sheet within month
11. A printout of scan copy of answer sheet of requested subject is also provided to student on his request by college office at college
12. With the photo copy received from university, student can further apply for revaluation within ten days
13. Student then apply online through his login and submit hard copy of application with necessary fees to college office

File Description	Document
Any additional information	View Document

2.5.4 The institution adheres to the academic calendar for the conduct of CIE

Response:

Institute designed and implements well defined teaching strategy. As per the curriculum designed by Savitribai Phule Pune University, Pune Institute prepare academic calendar well before the commencement of each semester, and same is implemented by institution as per the designed strategic plan. Also with the assistance of institute academic calendar and Savitribai Phule Pune University, Pune curriculum every department prepare their own academic calendar. It is a well-planned and documented activity.

File Description	Document
Any additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students

Response:

Institute has stated Program Outcomes (PO), Program Specific Outcomes (PSO) and Course Outcomes (CO) for all the programs. It is displayed on website and communicated to teachers and students. The mechanism of the communication of stated PO, PSO and CO is as mentioned below.

The display of **Program Outcomes, Program Specific Outcomes and Course Outcomes** are at following locations through the banner display boards:

1. Departmental entrance
2. Prominent places in the department such as Head of the department's office
3. Classroom
4. Laboratories
5. Departmental wall magazine
6. Laboratory manuals
7. Course file of faculty

Students are encouraged to write POs, PSOs, and COs in their note book and laboratory journals. Guardian Faculty Members conducts meeting with students and discuss them. HoD meeting and faculty's explanation to student are also effective tools.

File Description	Document
COs for all courses (exemplars from Glossary)	View Document
Any additional information	View Document
Link for Additional Information	View Document

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Response:

1. COs of the subject are defined based on the syllabus of SPPU

2. Student performance is checked based on 6 assignments, MCQ and SPPU exam

3. The marks obtained by student in MCQ, assignment and exam were considered while calculating mapping of CO with PO's and PSO's and extent of mapping is shown by numbers indicating low(1), moderate(2) and high(3) mapping respectively

4. Attainment of each CO is formulated on basis of internal (20% weitage) and external (80% weitage)

1 Attainment On The Basis Of Internal Assessment(FE & SE):

a) Marks distribution for assignment and MCQ

Total	A1(unit1)	A2(unit2)	A3(unit3)	A4(unit4)	A5(unit5)	A6(unit6)	MCQ1 (unit 1,2)	MCQ2 (unit 3,4
100	10	10	10	10	10	10	20	20

b) Target attainment level is decided based on subject

	Target attainment		
	3 (% Range)	2(% Range)	1 (% Range)
CO1	>= 80	70-79	60-69
CO2	>=65	55-64	45-54
CO3	>=60	50-59	40-49
CO4	>=60	50-59	40-49

CO5	>=60	50-59	40-49	
CO6	>=60	50-59	40-49	

c) Marks obtain in assignment and MCQ tests were entered in excel sheet they were normalized to 100 marks

d) We have made mathematical formula for calculating CO marks

e) On the basis of above table for CO1 if 80% or more students get more than average marks attainment level will be 3 accordingly for other

f) Put CO attainment in table below and find its average

COs	CO 1	CO 2	CO 3	CO4	Co5	
Attainment						
Average						

2 Attainment on the basis of external assessment (for FE & SE):

a) Marks obtain by each students in SPPU exam were entered in excel sheet and average is calculated

b) Rules for calculating Attainment level through University exam

Attainment	Rule (number of student getting marks)
3	>=50%
2	40%-49%
1	<40%

3 Final Co attainment is calculated by formula:

CO attainment = (0.2* Internal assessment)+(0.8*University results)

iv) Expected and actual CO attainment is calculated for each subject

4 Attainment for TE and BE. MCQ test will be replaced by single unit test weitage shown below. System of finding attainment will be same above

Total	A1	A2	A3	A4	A5	A6	UT

100	10	10	10	10	10	10	40

File Description	Document
Link for Additional Information	[View Document](#)

2.6.3 Average pass percentage of Students

Response: 81.87

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 2055

2.6.3.2 Total number of final year students who appeared for the examination conducted by the institution

Response: 2510

File Description	Document
Institutional data in prescribed format	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 2.15

File Description	Document
Database of all currently enrolled students	[View Document](#)

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years (INR in Lakhs)

Response: 0

3.1.1.1 Total Grants for research projects sponsored by the government/non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
List of project and grant details	[View Document](#)

3.1.2 Number of research projects per teacher funded, by government and non-government agencies, during the last five year

Response: 0

3.1.2.1 Number of research projects funded by government and non-government agencies during the last five years

File Description	Document
List of research projects and funding details	[View Document](#)

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Response:

Ecosystem for innovation

The institute executes national and international conferences to encourage students for presenting papers in national and international conferences.

Institute also provides support in terms of technology and information need.

The departments have sufficient numbers of computers with 70 mbps internet speed connections and the relevant software which helps the researchers for their activities. The institute accommodates an up to date library with state of the art infrastructure and resources like reference books, journal paper, conferences proceedings, e-journals etc.

Incubation center

Earlier the institute does not have an incubation center, but now **institute has recently established an incubation center with an aim to ensure students creates their own identity, who has the will to take the risk and generate revenue for himself and turn create more jobs this is the only way that the institute Ecosystem would grow.**

Some activity planned

- Product\service designing –creating a prototype
- Business plan making financial management of each start up
- Mentoring with experts in the field of students respective start up
- Networking with entrepreneurs and investors
- Entrepreneurs meet

Other initiatives for creation and transfer of knowledge

Efforts are made by the institution in creating and transfer of knowledge by developing.

The following are a few representative platforms through which knowledge is created and transferred amongst students and faculty:

- Internships and industrial visits
- Mous with different agencies to have industry institute interaction
- Support and guidance to students like, library resources. Reference books to enhance their technical knowledge
- Employing adjunct faculties with industrial experience
- Interaction with eminent academicians from iits through nptel

Final year students encouraged to get sponsorship projects from various industries to carry out live projects

File Description	Document
Any additional information	[View Document](#)

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

Response: 44

3.2.2.1 Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
17	5	8	7	7

File Description	Document
List of workshops/seminars during the last 5 years	[View Document]

3.3 Research Publications and Awards

3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research

Response: Yes

File Description	Document
Institutional data in prescribed format	[View Document]

3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards

Response: Yes

File Description	Document
List of Awardees and Award details	[View Document]

3.3.3 Number of research papers per teacher in the Journals notified on UGC website during the last five years

Response: 0.22

3.3.3.1 Number of research papers in the Journals notified on UGC website during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
86	13	11	5	7

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document

3.3.4 Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years

Response: 0.57

3.3.4.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
59	4	2	2	2

File Description	Document
List books and chapters in edited volumes / books published	View Document

3.4 Extension Activities

3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Response:

A systematic plan and event calendar is prepared every year with an aim to extend services in the neighborhood community and sensitize students towards social issues and holistic development. These include:

Joining hands with

- Local government such as municipal corporation, police
- Public in general
- Celebration of birth anniversaries of national heroes.
- NGOs
- Camps on blood donation, environment conservation

Various activities conducted for the sensitizing students are as shown in fig. 3.4.1. These activities add to overall development of the students and nurture value education. Through these, we have been able to imbibe various qualities to become a good citizen.

Institutional follows a mechanism for students' involvement in various social activities which promote citizenship roles. Institute receives an activity calendar from sppu university for yearly activities. Besides this, the institute organizes other activities also as per need and availability of time without affecting academics. Faculty representatives from the institute are deputed for empanelled training institute (eti) for training, which are responsible for smooth conduction and organization of various event through nss unit. Students are enrolled to the nss unit through guardian faculty member (gfm) scheme and departmental faculty representative.

The spirit of voluntary work through sustained community interaction and link between campus and community is enthralled amongst students, which directly reflects on the personality development of students through community service.

Nss volunteers have been making contributions in the field of mass literacy, environment preservation, watershed management, health education, disaster management during past years.

Various activities which have resulted in a very fruitful output in terms of patriotism, national services and students are briefed below with their impact as mentioned

File Description	Document
Any additional information	[View Document](#)

3.4.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

Response: 0

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

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
Number of awards for extension activities in last 5 years	[View Document](#)

3.4.3 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 last five years

Response: 37

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
12	8	5	7	5

File Description	Document
Number of extension and outreach programs conducted with industry,community etc for the last five years	[View Document](#)

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Response: 39.96

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
813	1134	824	405	215

File Description	Document
Report of the event	[View Document](#)
Average percentage of students participating in extension activities with Govt. or NGO etc.	[View Document](#)

3.5 Collaboration

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

Response: 178

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
27	43	44	34	30

File Description	Document
Number of Collaborative activities for research, faculty etc.	View Document

3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 16

3.5.2.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

2016-17	2015-16	2014-15	2013-14	2012-13
4	5	4	2	1

File Description	Document
Details of functional MoUs with institutions of national, international importance,other universities etc. during the last five years	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.

Response:

G S Moze College of Engineering was established in 1999 with 5 main branches Computer, IT, Mechanical, E &TC, Civil. This Institute follows the guidelines for facility development and submits the report to the AICTE for ensuring the available resources to suffice the infrastructure need for academic growth.

The institute provides state of the art infrastructure to address the need of an effective teaching and learning process. In addition to the norms laid by the AICTE, DTE and SPPU for physical infrastructure to cater co-curricular and extra-curricular activities, the policy is to provide educational infrastructure for students in terms of laboratories, software and equipment, library resources and classrooms.

The strength of our college is Mechanical department has 8 classrooms with 17 laboratories & one workshop

Civil Department has 6 classrooms with 10 laboratories.

Computer Department is having 3 well equipped classrooms with CPU, LCD Projectors and screens with Wi-fi facility. This department has 10 well equipped laboratories with latest configuration personal computers, server and latest software's like Java, MySQL, etc. and departmental library which contains different reference books .The Central Computing facility and internet center with 22 Mbps + 45 Mbps lease line are managed by the Department.

IT department has 3 well equipped classrooms with CPU, LCD Projectors and screens with Wi-fi facility & 8 well equipped laboratories with latest configuration personal computers, server and latest software's.

Electronics and Telecommunication Department has 3 classrooms and 8 well equipped laboratories .Software like MATLAB, Simulink, Multisim, Xilinx, Microwind, etc. are available in the department to work on top-of-the line projects in various areas of Electronics Engineering.

GSMCoE Library is well developed and specialized library consisting of 30,573 books on all Engineering Related subjects and also has large collection of 110 print journals.

We have well established Digital Library having 454 e-journals from Science Direct Database (ELSEVIER), IEEE Database, e-books from Springer database, provided remote access to e-content (e-journals and e-books) through 640 PCs in college campus IP's (all these e-resources are accessible through College Network) .

Institute is having 4 seminar halls with ICT facility and one computer center of 50 pc where we run online exams. Water coolers with purifier, washrooms (gents & ladies), are available on buildings. Girls common room, Boys common room are provided at institute. Housekeeping services, Security agency, power

backup facility are available.

Institute has set up Women's Grievances Cell for maintaining the safe environment for females in the campus. The cell consists of members from faculty, administration and students.

Campus placements play a major role in shaping up the career goals of students.

Our College has regular post of Physical Director. As per students' requirement & their interest in sports, college administration always support to give them best sports facilities. General Physician is visiting the institute & also made available in case of emergency.

Canteen facility is available to provide healthy and hygienic food.

File Description	Document
Any additional information	[View Document](#)

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

Response:

For the overall development of students apart from teaching- learning methodology extracurricular activity like sports, meditation and cultural activities are conducted throughout the year where students can come up with their hidden talents and innovative ideas.

College has a playground for different outdoor games such as Football, Volleyball, Cricket and Kabaddi .User rate of sports may vary depends on academic schedule and student interest. At a time of regular academics students are allowed to utilize the ground from 3:30 PM to 4:30 PM, but at time of PL`s, semester break user rate is high, there are no time limitations for such days. The college has facilities for indoor games such as Carom, Chess, and Yoga.

College providing indoor as well as outdoor sports equipments, interested students can issue the equipments for practicing and to participate in state & university level at 3:30PM-4:30PM during college working days. Every year college is organizing various social activities under NSS like blood donation camp, tree plantation, poster presentation *etc*.

Apart from this, college is organizing cultural programs like dancing, singing, drama *etc*. under "UMANG" established since 2013-14 in the month of February to provide a platform for different talents. Previously the same event was organized under the name of "AURA". Details of Co-Curricular activities mentioned below:

Facility		Particular	Area (Square M)	Year of establishment
Co-Curricular activities	Indoor	Carrom Room	3*7.6=22.8	2011-12
		Chess Room	3*7.6=22.8	2011-12

		Yoga Room	48.86	2011-12
		Sports store room	16.45	2011-12
	outdoor	**Playground**	15868.82	2011-12
		Football		
		Volleyball		
		Cricket		
		Kabbadi		
	Cultural	Dance Room	48.86	2011-12
		Language Lab	75	2011-12
	Extra Curricular	NSS	30	2016-17
	Activities	Umang	30	2013-14

File Description	Document
Any additional information	[View Document]

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

Response: 100

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 27

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	[View Document]
any additional information	[View Document]

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

Response: 44.12

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
343	282	300	244	291

File Description	Document
Details of budget allocation, excluding salary during the last five years	[View Document](#)
Audited utilization statements	[View Document](#)

4.2 Library as a Learning Resource

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

Response:

Genba Sopanrao Moze College of Engineering Library plays a vital role in Collection Development and Dissemination of Scientific and Technical Information to meet the present and future needs of students and faculty. GSMCOE Library is well developed and specialized library consisting of 30573 books on Computer, IT , E&Tc , Mechanical and Civil Engineering. The library also has large collection of 110 print journals

We have well established Digital Library having 454 e-journals from Science Direct Database (ELSEVIER), IEEE Database and also 2015 e-books from Springer database. We have provided remote access to e-content (e-journals and e-books) through 640 PCs in college campus IP's (all these e-resources are accessible through College Network) which are very efficiently working to save the time library users

The Library is fully computerized using AUTOLIB NG Library Management Software. The collection of the Library is available through the Online Public Access Catalogue (OPAC) facility. Area of the library stack room is 420 m2 Separate well established Reference Section is 75 m2 and also separate reading room is 105 m2), Seating capacity of Students are 150.

 Library is a member of prominent organisations like e-Shodhsindhu, INFLIBNET Centre, Gandhinagar. DELNET (Development of Library Network, Delhi), NDL (National Digital Library, Delhi), IIT, Kanpur, Jayakar Library, Savitribai Phule Pune University, Pune. CSI, Chennai, Indian Society for Technical Education (ISTE) , New Delhi. All faculties and students are having membership of National Digital Library (NDL) to utilise e-content open access to 700000 e-books and e- Journals articles, NPTEL Video Lectures, Shodhganga Thesis Database, Gate Question papers etc.

        Library subscribed 11 news papers including Sakal, Lokmat, Loksatta, Maharashtra Times, Pudhari, Agrowon, The Hindu, The Times of India, Pune Mirror, The Indian Express, and Employment News. To get first hand authentic and current information from various burning issues and also help to develop reading habits among students. Library expenditure is more than 20 lacks rupees on books and journals every year

We take more efforts to create awareness among the students for reading, learning and research activities, improve quality and quantity of collection with happily read. Acquire new technologies and develop books database in Library management software (AUTOLIB NG), provide remote access to e-resources, organize

orientation programmes on use of e-resources and follow the best practices in library and information science. Library timing is also suitably adjusted to cater for the need of all the staff and students.

Library Automation

Genba Sopanrao Moze College of Engineering Library is fully automated using AUTOLIB NG Version Integrated Library Management System (ILMS) Library had purchase software in 2006 from Akash Infotech, Pune. At present use of the AUTOLIB NG Integrated Library Management System (ILMS) for library keeping operation such as administrative work, acquisition, cataloguing, circulation, serial control, OPAC, Reports etc. library automation supports library staff which contributes in easy access of system.

File Description	Document
Any additional information	[View Document](#)

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment

Response:

GSMCOE Central Library provide engineering resources published by International organisations and commercial publishers involved in the process of information creation and delivery of information and also tools created in a highly competitive and fragmented information world. Rare and reference books especially like handbooks, data books, tables, encyclopaedia and dictionaries etc. Library has purchase rare books on "Modeling and Analysis of system development" These Books are specifically used for final year project work and also Research & Development activities. These strengthen the quality of project work supported by mathematical, analytical, statistical, computational and experimental. Students, faculty and research scholars are highly benefited.

Following important titles given for example

Sr No.	Title	Author	Publisher	Copie
1	Air Pollution	Stern	Elsevier/2006	1
2	Air pollution monitoring, Modelling health and control	M. Khare	Croatia: Intech Pub. : 2017	1
3	Applied Mathematical modelling of Engineering problems	Natali Hritonenko yuri vatsenko	London : Kluwer Academic : 2003	1
4	Boundary representation modeling techniques	IAN Stroud	Springer : 2006	1
5	Casting: An analytical approach	Reikher	Springer : 2007	1
6	Elements of Vibrations Analysis	Meirovitch	Macgraw Hill Publications : 2014	1

7	Embedded processor design challenges : systems, architectures, modeling & simulation	F. Deprettere	Springer : 2002	1
8	Energy Management Handbook	Wayne C. Turner	CRC Press : 2013	1
9	Engineering modeling and simulation technology vol.1	Tommy Hynes	Clanrye International : 2015	1
10	Engineering modeling and simulation technology vol.2	Tommy Hynes	Clanrye International : 2015	1
11	Facts : Modelling and simulation in power networks	Acha, E. and Fuerte, Esquivel	: Wiley and sons : 2012 ;	1
12	Finite element modeling for stress analysis	Cook, R. D.	Wiley and sons : 2013	1
13	First Course in the Finite Element Method	Daryl L. Logan	Cengage Learning : 2012	1
14	Induction motors modeling and control	Araujo		1
15	Lean Production Simplified a plain-language guide world's most powerful production system 2ed.	Dennis, Pascal	CRC Press : 2017	1
16	Mathematical analysis for modelling	Bell	CRC Press : 1999	1
17	Modeling and analysis of dynamic systems 3rd edition	Close, C. M. and Frederick, D. K.	Wiley and sons : 2015	1
18	Modeling Mathematical methods and scientific computation	Belleomo perziosi	CRC Press,2014	1
19	Modeling of metal forming processes	Dixit, P. M. and Dixit, U. S.	Springer : 2008	1
20	Multifractal based network traffic modeling	Murali krishna	Kluwer Academic : 2003	1
21	Non linear modelling and analysis of solids and structures	Krenk, Steen.	Cambridge : 2009	1
22	Numerical Modeling	P Miidla	Intech Pub. : 2016	1
23	Performance modeling and engineering	Zhen liu	Springer : 2008	1
24	Process modeling simulation and control for chemical engineers	Luyben, W.	Mc-Graw Hill : 2014	1

File Description	Document
Any additional information	[View Document](#)

4.2.3 Does the institution have the following:

   1. e-journals

    2.e-ShodhSindhu
    3.Shodhganga Membership
    4.e-books
    5.Databases

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: A. Any 4 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc.	View Document
Any additional information	View Document

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

Response: 18.2

4.2.4.1 Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
19	16	11	23	22

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	View Document
Audited statements of accounts	View Document

4.2.5 Availability of remote access to e-resources of the library

Response: Yes

File Description	Document
Details of remote access to e-resources of the library	[View Document](#)

4.2.6 Percentage per day usage of library by teachers and students

Response: 17.87

4.2.6.1 Average number of teachers and students using library per day over last one year

Response: 253

File Description	Document
Details of library usage by teachers and students	[View Document](#)
Any additional information	[View Document](#)

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

The College upgrades the computer systems of the different laboratories as per the requirements of the University syllabus. Institution frequently updates its IT facilities like LAN facility, Wi-Fi facility, Hardware, software etc. according to requirements**.** The institute upgrades the computer systems of the different laboratories as per the requirements of the university syllabus and advancement in the technology.

LAN Facility: Institute has a structured LAN facility; whole network is in 3 tiers architecture comprising of the core, distribution and access. All the end users/workstations are connected through 10/100/1000 base ports. Institute provides D Link 24 Port Desktop Switch DES 1024 D. Total 510 nodes are connected through LAN. All the computers in the campus are networked using CAT-6 Cables 100 Mbps.

GSMCoE Network Diagram (Attached in Additional Information)

Systems & IT support department is mainly concerned with the installation, maintenance of IT Infrastructure like computers, hardware, and network management through technical staff. Provisions are also made in the budget for the same. The basic maintenance and repair of Computers and peripherals, Local Area Network (LANs), Network Switches, Wi-Fi network installed at various Laboratories and locations is properly carried out and monitored. A Server and Switching Room is air conditioned and properly designed and maintained.

Firewall: The institute also provides Quick Heal Total Internet Security Antivirus.

Wi-Fi facility: The Institute provides Wi-Fi facility for staff and students. Institute is fully Wi-Fi enabled with high speed internet connectivity of 45 Mbps speed. 24*7 Internet and Wi-Fi facility is available at the campus.

Licensed software: All Licensed software required for the classes, laboratories, research, training, certification are procured and being used in the campus which includes Microsoft Campus Agreement for Windows Operating System, MSOffice, Visual Studio, MATLAB, Cadence, AutoCAD, ANSYS, Solidworks, Lab view, C++, Oracle, various open source software, etc. The versions of the software are continuously upgraded.

LCD Projector: All the classrooms and laboratories are equipped with LCD projectors and PC with internet connectivity. Faculties use such facilities to make the teaching learning process in classroom and laboratory more effective. There are total 23 LCD Projectors in the campus.

To facilitate extensive usage of Information and Communications Technology (ICT) resources, Institute ensures accessibility to computers and internet to its staff & students. Students and faculty are provided with internet through Wi-Fi on their personal laptops upon request. This encourages students to prepare their assignments, presentations and other curricular requirements using ICT.

Internet Bandwidth: Currently the college is equipped with 45 Mbps bandwidth internet leased-line Optical fiber cable. It was purchased by **Sheng Li Telecom India Pvt. Ltd. 22 Mbps** and **Silicon Care Broadnet Pvt. Ltd 45 Mbps**. Silicon Care Broadnet Pvt. Ltd. Provides 15 Mbps extra bandwidth as per need like university online exam, event *etc.*

Biometrics: To register the daily attendance of teaching and non-teaching staff members

Laptop facility: Institute also provides laptop facilities. There are total 100 laptops available in a college. One laptop provided to each laboratories.

File Description	Document
Any additional information	[View Document](#)

4.3.2 Student - Computer ratio

Response: 2.04

File Description	Document
Student - Computer ratio	[View Document](#)

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)
>=50 MBPS

35-50 MBPS

20-35 MBPS

5-20 MBPS

Response: >=50 MBPS

File Description	Document
Details of available bandwidth of internet connection in the Institution	View Document
Any additional information	View Document

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Response: Yes

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response: 20.35

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
35	174	131	276	71

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document
Audited statements of accounts.	View Document

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.

Response:

Academic and Support Facilities College has well established system & procedure for maintenance and

utilization of available supporting facilities.

Library: Pest control has been done in library regularly for maintain books safe from crickets and termites. Fire Extinguisher are Fixed.

Electricity & Physical facilities: Electricity and physical facilities related maintenance done regularly as per requirements. College have various equipments like, Generator, 4 Xerox machines, 42 printers, Fire Extinguisher, 46 CCTV cameras, 2 Audio system, each lab have their own UPS *etc*.

Our College has regular post of Physical Director. As per students' requirement & their interest in sports, college administration always support to give them best sports facilities. These kits are available like cricket, volleyball, badminton, Chess, caroms *etc*.

Water purifier and water cooler is available for staff and students and It is well maintain.

Separate toilet and bathroom are available for boys and girls as well as male and female staff those are maintain regurarly.

Academic and support facilities: Teachers of the college are separately using ICT materials for teaching as per requirement. College has LCD projectors, computers etc. As per requirement of the maintenance of the above IT equipments, we call for local hardware technician/service provider.

Class rooms: Class rooms are well maintain and kept neat and clean by Vimal Aqua systems & Services.

IT Facility: College have sufficient computer labs for students. LCD projectors are available in all class rooms and Four (4) ICT enabled seminar halls are available in the college. Total Fourty Six (46) CCTV cameras available and all are working in various locations like in each college passage, 2 in library, 4 in Exam Control room *etc*. Apart from these, Seven (7) scanner+ Xerox+wifi printers , Four (41) Leaser printers and Three (3) Xerox machines are available in the college. Free Wi-Fi facility is available in the college for students and staff for 24*7 from Sheng Li Telecom India Pvt. Ltd. 22 Mbps and Silicon Care Broadnet Pvt. Ltd. 45 Mbps.

Maintenance of Campus Facilities

The college has appointed staff from every department for maintenance and repair of infrastructure, equipment and other facilities. Maintenance committee takes care of academic infrastructure and facilities.

Type of Maintenance	Resources	Remark
Civil maintenance	In house maintenance	Maintenance is carried out requirement
Electrical	In house	Maintenance is carried

Maintenance	Electrical Staff	complains
Maintenance of Computing Facilities	In house Maintenance cell	Maintenance is done a requisition from respective d
Departmental Equipment Maintenance	In house preventive maintenance & corrective maintenance as per requirement.	Maintenance is carried out as & requirement
Housekeeping	In house Maintenance cell	Cleaning of class rooms, lab passages open and parkir Toilets is done daily.
Maintenance of Generators	In house	Maintenance is carried out month.
Garden maintenance	In house	Garden maintenance is done regularly.
Water Tank cleaning Maintenance	In house	Maintenance is carried out month.
Water Cooler cleaning Maintenance	In house	Maintenance is carried ou week.

File Description	Document
Any additional information	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Response: 43.44

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
918	1067	394	526	730

File Description	Document
Upload self attested letter with the list of students sanctioned scholarships	[View Document](#)
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	[View Document](#)

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Response: 0.28

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
9	8	6	0	0

File Description	Document
Number of students benefited by scholarships and freeships besides government schemes in last 5 years	[View Document](#)
Any additional information	[View Document](#)

5.1.3 Number of capability enhancement and development schemes –

1. For competitive examinations
2. Career counselling
3. Soft skill development
4. Remedial coaching
5. Language lab
6. Bridge courses
7. Yoga and meditation
8. Personal Counselling

A. 7 or more of the above

B. Any 6 of the above

C. Any 5 of the above

D. Any 4 of the above

Response: A. 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	View Document
Any additional information	View Document

5.1.4 Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

Response: 15.74

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
226	281	276	279	291

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years

Response: 12.4

5.1.5.1 Number of students attending VET year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
168	235	202	216	249

File Description	Document
Details of the students benifitted by VET	[View Document](#)

5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

Response: Yes

File Description	Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	[View Document](#)
Details of student grievances including sexual harassment and ragging cases	[View Document](#)

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 13.5

5.2.1.1 Number of outgoing students placed year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
17	68	74	90	16

File Description	Document
Details of student placement during the last five years	[View Document](#)

5.2.2 Percentage of student progression to higher education (previous graduating batch)

Response: 12.44

5.2.2.1 Number of outgoing students progressing to higher education

Response: 56

File Description	Document
Details of student progression to higher education	[View Document](#)

5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 62.51

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil services/ State government examinations) year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
11	7	2	4	9

5.2.3.2 Number of students who have appeared for the exams year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
15	9	5	7	14

File Description	Document
Upload supporting data for the same	[View Document](#)
Number of students qualifying in state/ national/ international level examinations during the last five years	[View Document](#)

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national / international level (award for a team event should be counted as one) during the last five years.

Response: 11

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

2016-17	2015-16	2014-15	2013-14	2012-13
3	4	4	0	0

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	[View Document](#)
e-copies of award letters and certificates	[View Document](#)

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

The purpose Students' Council is to look after the welfare of the students and to promote and co-ordinate the extra-curricular activities for better corporate life.

Students' Council organizes the programs, activities and services which serve the co-curricular, cultural, social, recreational and educational interest of students at the University and Colleges. The Students' Council helps share students' ideas, interests, and concerns with teachers and with students. It contributes for the development of students' leadership skills and experience, program planning and development, volunteering. It also develops social awareness among students.

GSMCoE Students' Council

The Students' Council is the representative body of the entire student community of the

Genba Sopanrao Moze College of Engineering, Pune. GSMCoE Students' Council mission is to encourage and promote the values that represent good character in all students and build responsible leaders within student's community.

The College Students' Council consists of the following members, namely:

- President
- Vice President
- Secretary
- Treasurer
- Member Representative including one lady representative(LR)

The College Students' Council consist the members who are engaged in full time studies in the college.

Leadership Roles & Member Duties

- **President**

  - Lead all meetings
  - Give assistance, guidance
  - Act as a facilitator during discussion
  - Maintain frequent contact with faculty and administration
  - Work with advisor on all planning
  - Participate in student council sponsored activities/events

- **Vice President**

  - Work closely with President
  - Assume President's duties when needed
  - Work with President and Treasurer in preparing calendar and budget
  - Assist the President in preparing meeting agendas

- **Treasurer**

  - Oversee association expenses and revenues
  - Maintain an accurate and detailed financial record
  - Give monetary advice to the council
  - Authorize payment/deposits
  - Work with President and Vice President in preparing calendar and budget

- **Secretary**

  - Duties include careful note taking of every meeting and sending minutes to email list
  - Duties also include keeping attendance, keeping track of which bodies are represented, and working with representative groups to ensure participation
  - The Secretary creates and organizes the distribution of all documents pertaining to Students' Council at institution

- **Member Representative**

  - Managing communication between the association and management
  - Providing guidance, advice and information if requested

- Creates a positive campus atmosphere, liaises between Students' Council and other parties of interest, raises the funds, communicates and holds meetings for students interested in the specific event(s), creates schedules, procures any necessary materials for those events

DUTIES AND RESPONSIBILITIES OF THE STUDENT ASSOCIATION

- Prevention of ragging in the campus through counseling senior students, helping the administration whenever necessary
- Guiding the junior and needy students to improve their technical, managerial skills by organizing seminars/ workshops
- Encouraging innovative and creative skills of the students
- Organize any activity to improve the knowledge and skills of the campus students
- Maintenance of the peace and harmony among campus community

Organize the programs to improve the cleanliness and greenery in campus.

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

Response: 14.8

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
15	15	14	15	15

File Description	Document
Number of sports and cultural activities / competitions organised per year	[View Document](#)

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Response:

The goal of our Alumni Association is to create a network that will serve and empower graduates of GSMCoE. Alumni Association is registered on 21/8/2017 with following objectives:

- Arrange and support in placement activities for the students of the college

- Encourage the students of the college & members of the Association for research & development work in various fields like Engineering, Computers, Industrialization, *etc*.
- Mentor the students of the college for higher education, development of character and being GOOD citizens
- Provide Scholarships to deserving students and ex-students of the college for the purpose of Education and Sport
- Encourage and guide the students of the college on self employment to become entrepreneurs
- Promote the industry-institute interaction to bridge the gap between industry requirements and education offered and enhance students' employability
- Encourage and support students of the college in sports, cultural and extra-curricular activities
- Work towards environment conservation, anti- pollution activities against air, water and sound pollution, street plays, demos, presentations, role-play and all possible ways of social awareness
- Help victims of Natural calamity and disasters like earth quakes, floods, storms, malnutrition, fire and violence
- Arrange blood donation, eye donation, and health awareness Camps

The alumni association is very active in promoting interactions among the alumni, staff and the management. Besides helping the alumni in all possible ways, it also lends its support to the college to achieve its cherished goals, its **VISION and MISSION**.

Training programs for students

For the pre-final & final year students, training programs are being organized for improving communication skill, performance in Group Discussion & Interviews Experts from industry and corporate bodies are conducting these programs, many of them are alumni. Alumni are invited to volunteer to help their younger brothers & sisters to improve their performance.

Alumni Association Committee

President :	Mr. Sumit Jadhav Undergraduate in Computer Engineering (2009) Contact number: 9970902999
Vice-President :	Mr. Shailesh Kirpekar Undergraduate in Electronics and Telecommunication Engineering (2009) Contact number : 9075001942
Secretary :	Mr. Rajdeep Patil Undergraduate in Mechnical Engineering (2016) Contact number: 9096586758
Treasurer :	Mr. Dhiraj Zope Undergraduate in Mechnical Engineering (2008) Contact number: 997000262
Member :	Mr. Rohan Bhagat

	Undergraduate in Information Technology (2014) Contact number: 9923560007
Member :	Ms.Soujanya Vegru
Member :	Mr. Vinaykumar Garud Under graduate in Computer Engineering (2013) Contact Number: 9503024686
Member :	Mr. Pravin Telkar Under graduate in Computer Engineering (2013) Contact Number: 8149184784
Member :	Mr. Sagar Pawar Under graduate in Civil Engineering (2014) Contact Number: 9834634487

Mr. Nachiket Gole, Mechanical Engineering graduate in year 2003 has conducted workshops on "Industrial Experiences" on 5/10/2017 for the students.

In line with the college tradition, college gathering was graced by our alumni. They encouraged students for participation in Co curricular and extracurricular activities.

Our alumni willingly came for induction program organized in the college during academic year 2017-18 to guide our blooming graduates. They interacted with the students admitted in the college and make them familiarize with the campus environment.

File Description	Document
Any additional information	[View Document](#)

5.4.2 Alumni contribution during the last five years(INR in Lakhs)
? 5 Lakhs

4 Lakhs - 5 Lakhs

3 Lakhs - 4 Lakhs

1 Lakh - 3 Lakhs

Response: <1 Lakh

File Description	Document
Alumni association audited statements	[View Document](#)

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

Response: 5

5.4.3.1 Number of Alumni Association /Chapters meetings held year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
5	0	0	0	0

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years.	[View Document](#)
Any additional information	[View Document](#)

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution

Response:

In year 1986, 45 year old Hon. Shri. Rambhau Moze a man with basic qualification having great vision for the society started the trust after the name of his father Shri Genba Soapanrao Moze Trust in pune, by keeping in mind to develop an Educational platform for the weaker section of the society. He established various Institutes under the motto of **"????????? ??????? ????????"** from primary school, High School, Junior and Senior Colleges of various streams namely Arts, Commerce & Science *etc*. With passing years, job opportunities grown on large scale so the trust has decided to start College of Engineering, Polytechnic and Pharmacy in Pune for providing quality education.

The Genba Soapanrao Moze college of Engineering was started in year 1999 at Balewadi pune under the dynamic leadership of founder & President Hon.Shri. Rambhau Moze which is Affiliated to SPPU and Approved by AICTE, New Delhi and Govt of Maharashtra. The focus of Institute is to provide quality technical education as per premier technical institution in india. Institute offers five under graduate four year duration programs namely Civil, Mechanical, E&TC, Computer & IT Engineering. The Institute had run under the Vision statement "*To establish a premier Institute of engineering impart in quality education, facilitating for research for improving the standard of living and providing consultancy opportunities*" with Mission statement "To develop a centre of excellence with harmonious environment, conducive to explore innate abilities of students, encouraging learning process through innovative practices for value based knowledge through continual learning, societal responsiveness and strategic partnership with the industry".

The GSMCoE has constituted Governing Body and Local Managing Committee as per rules and guidelines of statutory bodies. The President and management body of the institution control all the activities and play a leading role in governance and management of the institution. Several committees formed in the Institute play important role in various institutional functions. All committee members are faculty and in some cases students are also involved. The management of the Institute is committed in assuring quality service to all its stake holders, and supports many welfare schemes like Group Insurance Scheme, Free medical facilities, Maternity leave, and uniform for staff.

The Institute provides a various platforms for faculty to develop leadership skills at department, by giving them various portfolios. The purpose of portfolio distribution is to uplift the Institute level through Academic, Research and development, infra structure, Multidimensional growth of the students, project funding, patents, research publications industry-institute interaction, environment, Training and placement, Testing, consultancy, Industrial projects, Research projects, sports, overall maintenance, cleanliness, good appearance, Hygiene to achieve this now institute has new vision and mission.

VISION

    "EMPOWERMENT THROUGH TECHNOLOGICAL EXCELLANCE"

MISSION

- Imparting Value Based Education

- Integrating Engineering and Industry

- Enhancing Employability and Entrepreneurship

- Developing Research Culture

- Creating Global Competency

This is in tune with objectives of the Higher Education policies of the nation since pursuit of excellence in chosen field of study and inculcating core values in students is the ultimate goal of Higher Education.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.1.2 The institution practices decentralization and participative management

Response:

The institute has a well framed internal organizational structure of the College for decision making processes and their effectiveness. Governing body is the apex body who decides academic and administrative policies. For the effective implementation of policies and development, institute has formed Local Management Committee. Local Management Committee meetings are held twice in year, once in every semester. It discusses on various activities to be held in future and approves it when agreed upon by all members. It approves new programs and also sanctions budget. Chairman GSMCoE is the chairperson of the committee. Industry person, advocate, alumni, CA, Management representative are the other members.

Director is secretary of the body. Minutes of the meetings are recorded and are available to the Head of every Department. Departmental HoD communicates decisions to the faculty and staff through meetings. Director also monitors effectiveness of the decisions.

- Academic Council chaired by the Director is the canonical body who approves curriculum, examination schemes *etc*. Dean-Academics, all Heads of departments, Departmental Academic coordinators, University nominee, Industry nominees are members of the body. Dean-Academics maintain records of all decisions and communicate to the staff and students. Faculty members and experts frame the curriculum.
- Other committees such as finance committee, IQAC, Library committee, placement committee, Anti-ragging committee, Grievance committee work under the guidance of the Director.

Discussions and decisions are communicated to the faculty, staff and students. Effectiveness of the organizational structure is monitored through various feedbacks.

File Description	Document
Any additional information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Response:

The plan for the development activities of the college are initiated by the Governing body of the institute. The management is committed in assuring quality service to all its stake holders, students, alumni, employees, employers and the community.

The quality policy of the institute is formulated based on the vision and mission of the institute. The quality policy is driven through entire organizational structure involving Principal, head of department, faculty and students. The institution has a perspective plan for development. The planning was made from the meetings which conducted periodically, and the implementation is made by the respective committee members.

The institute has a strategic plan developed for academic and administrative growth, generally discussed in governing body meeting for approval and deployment of activity as detailed below:

1. Recruit the specialized faculty in all the departments
2. Interact with industry pertaining to ensure better employability of the prospective industry
3. Upgardation of Library
4. Conducting workshops, Seminars, guest lectures and technical events at college level
5. Institute to resolve some of PG courses MBA, MCA ME(Digital System), ME (Thermal Engg), ME (Design Engg) due to less response of students admission
6. Construction of New Building E for Extension of library & seminar Hall and to increase the number of classrooms and Labs for the students
7. Construction of compound wall at front side of college, Appointment of Architecture and making provision for budget
8. Making pathway for workshop
9. Maintaining Hostel facilities
10. Audio and Video facility in classroom
11. Facilities to Handicapped students
12. Solar water Heater at hostels and solar panel for LED street lighting in college campus
13. Separate computer lab for every Department with internet facility
14. Organizing International Conference in the institute

Almost all of these activities for past 5 years strategic plan had been completed or implemented successfully upto this year 2017. Further top management committee is coming forward with newer vision

& mission of the institute and accordingly plans for the future strategy, some of few activities as detailed below:

1. Have more number of industry sponsored projects and Increase the number of consultancy projects
2. Increase training programs for teachers and have guest lectures delivered by eminent industry personnel
3. Have short term training programs conducted by industry personnel for students and faculty
4. Recruitment of well qualified and experienced faculty as per SPPU norms
5. The Institute has a budget allocated for the professional development of the faculty for supporting activities like participating in paper presentation, seminars, conferences, workshops, *etc*.
6. Publication of research outcomes by faculty in different International and National refereed journals, books, articles in edited volumes, seminar proceedings *etc*. is encouraged
7. Internet, LAN and journal and e-journal subscription is made available to the faculty and students
8. Institute encourages and helps the faculty in filing patents for their research
9. Preparation for NBA application and starting of PG courses
10. Awareness campaigns for zero waste campus model, e-waste management, energy audits, and safety audits

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)
Strategic Plan and deployment documents on the website	[View Document](#)

6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Response:

An Organogram shows the structure of organization with relative positions of various bodies showing the flow of responsibility & delegation of authority.

Board of Governance (B.o.G.): The B.o.G. governs all the rules and regulations of the Institute. The main purpose of the Governors is to decide the overall strategic direction, mission and educational character of the organization.

Local Management Committee: The LMC evaluates progress of college on a regular basis and provides guidance & directions for consistent improvement in ensuring higher standards of education in college.

Internal Quality Assurance Cell: IQAC established in Institute ensures that the policy statements and action plans formulated are aligned for attaining the vision and mission. IQAC is a body ensuring, sustaining and enhancing quality measures in the institute.

Anti Ragging Committee: The Institute strongly condemns any kind of ragging practices, the Anti Ragging Committee is formed as per the AICTE guidelines.

Women's Grievance Cell: A Women Grievance Cell is constituted for the redressal of the problems reported by the female Teaching staff, Non-teaching staff and Students of the College.

Internal Complaint Committee: This committee look after **General Grievances**, where everyone in the college domain can lodge the complaint and get their problem addressed regarding academics, infrastructure or among the students.

e-Governance Committee: The e-Governance cell constitute to bring the Accountability, Integrity, Credibility, Transparency & Efficiency in day-to-day activities of the Institute to provide effective services to all its stake holders.

Purchase Committee: The committee is formed for smooth functioning of infrastructure facilities, laboratories, equipments and administrative work. The committee is responsible for timely procurement and quality of goods & services.

Alumini Committee: An Alumni form an integral part of our system. Alumini feedback and suggestions are always welcome by the help of which college can enhance Quality of education. So we look forward to hear the suggestions from alumini.

Cultural Committee: Institute has constituted the cultural committee to promote and arrange extracurricular activities to bring out the talents of students in the performing arts.

Sports Committee: The sports committee enhances the fitness and encouragement of students to take participation in sports competition.

Service Rules: The institute has defined & established the service rules for staff and students in the code of conduct. Service book is maintained individually for staff in college.

Procedures: The Institute has its own Policies, Procedures, and Practices to govern its operation, which are mentioned in code of conduct to provide guidelines and advice to the members of Institute, in a miscellaneous works.

Recruitment: Recruitment procedure of faculty, Principal and non teaching staff is done as per the guidelines of the university. Accordingly the advertisement is published in News papers and Website *etc* as per the requirement of staff.

Promotional Policies:

A faculty desirous of promotion to a higher post faces the Selection Committee appointed by the Savitribai Phule Pune University, Pune and only on the recommendations of the committee he/she is granted promotion. It is granted as per the discretion of management as per management decision.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.2.3 Implementation of e-governance in areas of operation

1. Planning and Development
2. Administration
3. Finance and Accounts
4. Student Admission and Support
5. Examination

A. All 5 of the above

B. Any 4 of the above

C. Any 3 of the above

D. Any 2 of the above

Response: A. All 5 of the above

File Description	Document
Screen shots of user interfaces	[View Document](#)
ERP Document	[View Document](#)
Details of implementation of e-governance in areas of operation Planning and Development,Administration etc	[View Document](#)

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions

Response:

The theme of the International Conference on Recent Trends in Engineering, Science & Management (ICRTESM-17) was to link between the information provided by conference world and the use made of this information in assessing structural integrity. These were the issues addressed by the papers presented at the conference. The level of interest in the subject matter of the conference was maintained from previous events.

Genba Sopanrao Moze College of Engineering, Balewadi, Pune has organized an International Conference on 1st and 2nd of April 2017 entitled International Conference on Recent Trends in Engineering, Science

& Management (ICRTESM-17) For the conduction of the International Conference event not only students but also faculties, support staff and the management authorities were excited.

In line with the same College management proposed an international conference in the premises of Genba Sopanrao Moze College of Engineering, Balewadi, Pune, and college management authorities including the President, Director, and Principal conducted a common meeting on the importance of the international conference and its benefits if it is conducted in the campus.

In the same meeting Prof. Dr. V. T. Tale was selected as Conference Co-Convener and a main coordinator for the conference under the guidance of Principal Genba Sopanrao Moze College of Engineering, Balewadi, Pune Prof. Dr. F. B. Sayyad as a Conference Convener.

Meeting was followed by discussions on the activities and the responsibilities with the different Heads, senior faculty members of the institute For every activity there were supporting faculty members and the in support few volunteers from the students were selected.

An invitation letter for Research Papers based on original research work from Researchers, Academicians, Corporate Leaders, Field Engineers, Industries, Faculty Members and Students in the field of in Engineering, Science & Management were sent to the Different Universities, Colleges Departments in India and Abroad Abstracts and Papers were reviewed by renowned experts from the fields of Engineering, Science & Management and Selected papers were published in the ISBN proceedings and best selected papers were published in reputed Journal Chairperson and Co- chairperson selected a paper from each technical session which was given Best Paper Award.

From the first meeting to the last minute of the conference day the whole event was well planned and well executed.The event was truly bridged the gap between the education and the industry. Everybody witnessed the different innovative ideas, new concepts and the constructive discussions, debates amongst allthe invitees were happy to see the response and the efforts taken by the host institute. Each Student and the faculty member was so excited after the event in a positive way towards the research. The change has been noticed by the Management authorities in the approach of student and faculty after the successful conduction of the International ConferenceCollege management congratulated all for the great grand success of the International Conference.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.3 Faculty Empowerment Strategies

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

Response:

Directorate of Staff Welfare is for providing the pleasant working conditions, comfortable living and puts

its efforts to make life worth living for the employees of the institute.

Employees are the most important asset of an institution and it has to assess and record the value and cost of people of the institute. Directorate feels that the value of human assets can be increased substantially by making investment in their training and welfare activities in the same way as the value of repairs/overhauling, *etc*. Employee welfare includes the schemes that benefit the employees working in the institute. It is needed as it helps in the overall development of the employees and forming strong bond with the institute.

- ○ **Medical checkup camp**

A free health check-up camp has been conducted from last 5 years under G S Moze trust, Balewadi, Pune. This is a continuation of last year's initiative which was conducted in 5 schools & colleges benefitting 1000 students & faculty. A general health check-up camp was carried out to facilitate early detection of deficiencies and general health of students & faculty.

- ○ **Part Payment scheme**

For higher education's of faculty or non teaching faculty, those are taking admission in this college; institute gives part payment facility.

- ○ **Dress Code**

As per faculty development plan, institute had provided blazers to all faculties to improve standard of presentation in our college.

- ○ **Earn & Learn**

As per our vision we are looking for empowerment to students through Technological Excellence so that president of college decide to implement one scheme name as "**Earn & Learn**" purpose this scheme to motivate teaching as well as non teaching staff to get higher education also some peon get benefits of this scheme. President also decided that those teaching as well as non teaching faculty taking admission our college, whose college gives partly payment facility, which is deducted from his salary. As per the scheme, students those who are interested and more over who are economically weak are selected and allotted the job in the college campus and paid the honorarium of Rs. 45 /hour at end of each month (as per the scheme norms). From above scheme number teaching as well as non teaching faculty learns.

- ○ **Grant leave**

Opportunities to pursue higher studies & sanction leave for education

- ○ **Canteen Facility**

Provision of canteen in campus

- ○ **Motivational and Financial Support**

Motivation and financial support to organize and attend conferences, seminars and workshops

- **Celebration of Birthday**

- **Group insurance scheme for employees**

Institute has provided group insurance policy for all employees.

File Description	Document
Any additional information	[View Document]
Link for Additional Information	[View Document]

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 19.6

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

2016-17	2015-16	2014-15	2013-14	2012-13
65	21	12	5	11

File Description	Document
Details of teachers provided with financial support to attend conferences,workshops etc. during the last five years	[View Document]
Any additional information	[View Document]

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 0.8

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
4	0	0	0	0

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centres).	View Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	View Document
Any additional information	View Document

6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years

Response: 13.05

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
22	25	14	7	12

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers).	View Document
Details of teachers attending professional development programs during the last five years	View Document
Any additional information	View Document

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

Appraisal policy is to ensure that individual contribution is valued and recognized. This policy sets out the framework for a clear and consistent assessment of the overall performance of teaching, non-teaching staff, and for supporting their development within the context of the Academy Development Plan, and the standards expected of them. It also sets out the arrangements that will apply when non-teaching staff fall below the levels of competence or conduct that are expected of them. Staff appraisal should be a positive way of enhancing quality teaching and hence student learning, in a supportive environment.

This Policy does not form part of any employee's contract of employment and is entirely non-contractual. The implementation of this policy will be monitored by **G S MOZE** Trust and the governors of the

Academy and remain under constant review by a designated member of the senior leadership team.

The Academy is committed to ensuring that performance management will be a supportive and developmental process designed to ensure that all employee have the skills and support they need to carry out their role effectively. It will help to ensure that employees are able to continue to improve their professional practices. The Academy aims to deal with performance matters sensitively and with due respect for the privacy of any individuals involved. All employees must treat as confidential any information communicated to them in connection with a matter which is subject to the capability proceeding.

File Description	Document
Any additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

The Institute ensures all expenditure by using external audit from using all it's account statements and prepare a yearly audited statement. The Institution has appointed D. V. Kotwal, chartered accountant to carry out external audit once in a year. This benefits students as they get directly their funds/Scholarship to carry out their studies smoothly. The report issued by the CA is verified and audited by the government regularly.The last external audit was done on 23rd October 2017 and no major objections were raised during the audit.

File Description	Document
Any additional information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III) (INR in Lakhs)

Response: 0.4

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropists year-wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
0.4	0	0	0	0

File Description	Document
Details of Funds / Grants received from non-government bodies during the last five years	[View Document](#)

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

Institutional strategies for mobilisation of funds

The major source of receipts is Tuition Fees and Development fees from the students. Audited income and expenditure statement of academic and administrative activities of the previous five years are available. Deficit if any is taken care by the GSMCoE through corpus fund.

Details	2012-13	2013-14	2014-15	2015-16		
Income	76,738,138.00	100,728,962.00	95,847,337.00	140,805,903.00		
Salary	78,118,493.00	89,949,240.00	79,919,121.00	90,489,753.00		
Academic Expenses	2,206,262.00	3,600,398.00	562,951.00	1,114,264.00		
Administrative Expenses	24,438,556.00	38,405,295.00	23,177,044.00	22,573,195.00		
Development	13,999,622.00	17,106,392.00	14,254,507.00	13,913,117.00		
Repair & Maintenance	2,391,434.00	10,319,219.00	7,769,989.00	7,440,350.00		
Reserve Corpus Fund	31,961.00	33,252.00	34,591.00	36,004.00		

- **Income** Students Fee Received
- **Salary** Staff Salary
- **Academic Expenses** Education & Tours expenses, Annual Social expenses, student expenses, Training & placement for student
- **Administrative Expenses** Printing, Stationery expenses, Advertisement expenses, operating & other expenses, Any other expenses
- **Development** Rent paid, Internet expenses, Software & Computer expenses
- **Repair and Maintenance** Consumables
- **Reserve Corpus Fund** In current year 2017-18 the college has deposited **Rs. 10.0 Lakh** in account as a reserve corpus fund

Institutional strategies for optimal utilisation of resources

The institution ensures adequate availability and optimal utilization of physical infrastructure to fulfill the requirements of vision of the institute "Empowerment Through Technological Excellence". At the beginning of the academic year need-assessment for replacement /up gradation/addition of the existing infrastructure is carried out based on the suggestions from LMC, Heads of the departments, Faculty, lab technicians and system administrator after reviewing course requirements, computer-student ratio, budget constraints, working condition of the existing equipment and also students' grievances. The Dean Academics and Departmental Academic coordinator (DAC) together plans ahead for all requirements regarding classrooms, laboratories, furniture and other equipments.

The following activities are performed in college campus for the optimal utilization of resources.

1. Optimal Utilization of infrastructure is ensured through conducting workshops/ awareness programs/training programs for faculty on the use of new technology
2. Effective utilization of infrastructure is ensured through appointment of adequate and well qualified lab technicians/system administrator
3. The optimal utilization is ensured through encouraging innovative teaching– learning practices
4. The available physical infrastructure is optimally utilized beyond regular college hours, to conduct certificate courses, co-curricular activities/extra-curricular activities, parent teacher meetings, Campus Recruitment Training classes, campus recruitments, meetings, seminars, conferences *etc*
5. The available classrooms and software labs are used as an examination centre for Government examinations/University Examinations like PET *etc*
6. College level Sports activities are arranged on the college campus ground like Kabbadi, Cricket, and Badminton Competitions *etc*
7. All classrooms, Tutorial rooms and laboratories are optimally utilized from 8.30 A.M. to 4.30 P.M. for conducting the lectures, tutorials and practical respectively of various departments
8. During preparation leave (PL) college providing classrooms and reading rooms for study purpose
9. Cultural events like Gathering, Technical events, festivals etc are performed on college ground
10. Software labs are provided to external agencies for conducting short term certificate programme like Android, Auto cad, Stad pro *etc*

File Description	Document
Any additional information	[View Document](#)

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

Response:

The Institute has established IQAC to improve the academic and administrative performance

of the institution and to enhance the quality of education and previously it was known as Academic Monitoring Committee (AMC). The Quality Policy is aimed at achieving the excellence in Technical Education with recognition at National Level. The IQAC cell contributes for the institution in the following ways:

1. Development of faculties through FDP's and induction programs
2. Preparation of Academic calendar, plan, unit test papers, prelim papers and question bank
3. Developing infrastructure and using modern method of teaching and learning
4. Collecting feedback from students and alumni
5. Conduction of Unit test and preliminary examinations
6. Suggestion for the faculty to improve teaching learning depending on the feedback
7. Development of students through SDPC Value added courses,Co-curricular and Extra curricular activities

The IQAC also facilitate to:

1. Focus on institutional functioning towards quality enhancement
2. Enhance good practices in the institute
3. Provide decision making to improve institutional functioning
4. Provide internal communication
5. Acts as a change agent for the institute

The decision taken by IQAC are approved by management with few modifications. Some of the decisions are

1. MoUs with different Organizations/ Industries
2. Organizations of workshops, events
3. Purchasing of equipment for different laboratories
4. Remedial classes for backlog students
5. Implementation of CCTV system for the institute
6. Dead stock verification

The best practices carried out in the institute are

1. **Best project competition**: The competition was held in the month of April 17. The final year students of all departments took part in the competition. The competition focused on theme system development, performance analysis, contribution, social and industrial fulfilment *etc*. The project "Robotic Arm with Haptic Technology" from Electronics and Telecommunication Department got the first prize. The project competition was sponsored by Virtual Simotech and G to G Innovations Pune.
2. **Best outgoing student and Best sports person:**

The competition was held in the month of February 17.

For best outgoing student all candidates are judged for their performance in academics, extra-curricular activities, Paper presentation at National and International Conferences, and publications in National and

International Journals. The Performance of all the candidates is judged for Organizing Skills, participation in Co-curricular Activities, Extra Curricular Activities, Sports, social work for community. One of the best criteria considered for the best outgoing student is their participation in competitive examinations like MBA, CET, GRE, TOEFL and GATE. Mr. Yogesh Nikanth Saraf from BE (Civil) was selected as best outgoing student of the year 2016-17.

The objective of best sports person is to understand the importance of sport in the pursuit of a healthy and the concept of fair play, honest competition & good sportsman sprit.Over the last few years, the Institute conducts sports activities to supplement academic activities. These activities include Cricket, Chess, Carrom, Kabbadi, Volleyball and Badminton *etc*.

Mr. Ganesh Dadabhau Chavan and Miss DikshaRajinder Raina were selected as best sport person of the year 2016-17.

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

Response:

The institute has an integrated framework for Quality Assurance of the academic and administrative activities

1. All faculties maintain a course file. This course file content includes syllabus, teaching plan, academic calendar, time table, study material, assignments, question bank, university question papers, model answer paper, previous year result analysis and feedback of students. Internal committee checks this course file at the beginning of the semester and suggestions are given to the respective faculty. The essential contents are

circulated to the students. Faculty uses that content for conducting the sessions during that semester:

1. Feedback from students of individual faculty depending upon various teaching parameters like audibility, writing, conceptual explanation, communication, interaction, English, presentation is taken. Depending upon students feedback and feedback from internal committee, IQAC directs the suggestions for improvement of teaching learning process
2. After every academic year, teaching staff fills an appraisal form. With HODs remark, this appraisal form is submitted to IQAC. Depending upon this, IQAC welcome the efforts taken by staff and give suggestion wherever necessary
3. IQAC also takes feedback from Stake holders such as Industry, Parents, Alumni, and Experts *etc*.

IQAC reviews the teaching learning process as follows:

1. Academic calendar is prepared in the beginning of the year
2. The Institute time table and allotment of the classroom is done by the time table committee and a master time table is prepared
3. To improve Teacher interaction TG scheme is implemented
4. The HoD checks the Teaching Plan

5. The HoD collects the Unit test papers, prelim papers
6. Daily conducted lectures and timetable is monitored
7. The course file is checked by academic coordinator of the department twice a semester
8. The leave is sanctioned to the faculty after making an alternate arrangement
9. Unit Tests are conducted
10. Feedback is taken from the students
11. Syllabus completion is reviewed
12. Parents meet is conducted
13. Attendance is monitored and defaulter students counselling is done by the TG

Two examples of institutional reviews and implementation of teaching learning reforms facilitated by the IQAC:

1. **Department Library**: Every department has a departmental library. It has all the reference books, datasheets, magazines, previous year question papers, previous years project reports *etc*. related to the domain. The department library incharge issues the books to the students. This facility motivates the students to work in the laboratory and refer the library time to time
2. **LCD Projector in every classroom**: This facility have encouraged the teaching faculty as they can explain the concept in audio video format. They can conduct on line quiz for the students in the class. At the end of every topic they can ask MCQ to the students through LCD projectors. The students are also taking interest in the class and the attendance is increased

In addition to this the institute's presentation/conference room and the seminar hall is also upgraded. The classrooms are ICT enabled.

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Response: 2.4

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
4	2	2	2	2

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	[View Document](#)

6.5.4 Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for**

improvements

2. **Academic Administrative Audit (AAA) and initiation of follow up action**
3. **Participation in NIRF**
4. **ISO Certification**
5. **NBA or any other quality audit**

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: B. Any 3 of the above

File Description	Document
Details of Quality assurance initiatives of the institution	[View Document](#)
Any additional information	[View Document](#)

6.5.5 Incremental improvements made during the preceding five years *(in case of first cycle)* **Post accreditation quality initiatives** *(second and subsequent cycles)*

Response:

The IQAC cell has done following incremental improvements for the preceding five years with regard to quality

1. Conduction of International Conference in the institute.
2. The faculties were motivated to attend more number of FDPs/Workshops for updating the knowledge.
3. The students were given soft skill training so that it will help them for placements.
4. Students were motivated to take part in sports as well as extracurricular activities.
5. The lab development was carried out in each department as per the norms of AICTE.
6. The UGC approved faculties were permitted to do their higher education
7. Solar lighting was implemented in the premises
8. Rain water harvesting system implemented in the premises

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Response: 6

7.1.1.1 Number of gender equity promotion programs organized by the institution year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1	1	1	2	1

File Description	Document
Report of the event	View Document
List of gender equity promotion programs organized by the institution	View Document

7.1.2

1. Institution shows gender sensitivity in providing facilities such as:
   1. Safety and Security
   2. Counselling
   3. Common Room

Response:

The institution is well prepared to handle and respond to gender sensitive issues. The principle of equality is followed by the teachers and the management alike. Special care is taken to avoid the any discrimination in allocation of duties to women students and usually mixed groups are constituted for different purposes and particularly leadership training is given to girls also. Sufficient number of women teachers is employed. Some of the activities of the Women Cell are:

(a) Orient teachers to become aware of gender issues

(b) Making teaching - learning process gender responsive

(c) Providing insights into the social construction of gender roles for assigning different responsibilities to men and women

Women Grievance Cell

In order to maintain safety and security to the girls and women, a cell has been constituted for redressal of grievances. Our Women Grievance Cell stays alert all the time to prevent any sexual abuse towards the student and female worker. If the students face any harassment from the staff or worker, then they can complain at our women grievance cell .The members will look into the issues, gather the evidence, and take the necessary action against the guilty. We also focus on preventing this kind of harassment by using secret monitory services, which keep an eye on the entire campus. This cell is meant for maintaining the records of grievances, actions thereon and settlement of grievances.

Buddy Cop

Pune Police launches Buddy Cop, a forum to help working women feel safe in the city. All ladies faculties of our college are part of buddy cop group. Once the women are added to the group, they can either put in a message for the admin to get in touch with them, or can even directly call the admin. The buddy cop will immediately either go to the spot to assist the women, or deploy someone who is closer to where the help is needed.

Girl's common room:

The Institute has a provision for Girls Common Room where the girl students can sit and rest and go for recreations. Room is equipped with drinking water facility, elegant furniture, indoor games, electricity, fans *etc*. The room is properly ventilated, well- lit, neat and clean to provide a friendly ambience to its users.

Anti Ragging Cell:

Anti-Ragging Committee will be the Supervisory and Advisory Committee in preserving a Culture of Ragging Free Environment in the college Campus. The Anti-Ragging Squad-office bearers will work under the Supervision of Anti Ragging Committee and to engage in the works of checking places like Hostels, Canteens, Classrooms and other places of student congregation. Anti-Ragging Committee will be involved in designing strategies and action plan for curbing the Menace of Ragging in the college by adopting array of activities.

File Description	Document
Any additional information	[View Document](#)

7.1.3 Alternate Energy initiatives such as:

   1. Percentage of annual power requirement of the Institution met by the renewable energy sources

Response: 71.42

7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)

Response: 78000

7.1.3.2 Total annual power requirement (in KWH)

Response: 109212

File Description	Document
Details of power requirement of the Institution met by renewable energy sources	[View Document](#)

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Response: 35.97

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Response: 19512

7.1.4.2 Annual lighting power requirement (in KWH)

Response: 54243

File Description	Document
Details of lighting power requirements met through LED bulbs	[View Document](#)

7.1.5 Waste Management steps including:
* **Solid waste management**
* **Liquid waste management**
* **E-waste management**

Response:

Solid Waste:

Recycled aggregates are the aggregates obtained from construction and demolition waste, these aggregates can be re-used in all the construction activities like spreading pavement blocks.

Liquid management:

Liquid chemical wastes generated from chemistry laboratory and environmental laboratory are diluted and then discharged.

The Institute has implemented rainwater harvesting, which has saved significant amount of water expenses. This system recharges the institute ground water table and improves level and quality of bore well water.

E-Waste Management:

College students organized Debate Competition, Group Discussion & Rallies to create awareness about social issues such as plastic waste and e-waste management. Displays about awareness of e–waste hazards at different locations in the premises of Institute. The e-waste generated is disposed off as per regulatory norms. The non-working computer spare parts, electronic scrap components and other nonworking equipments are used for practical purpose in order to explain the students, the parts of the product which they used to study in their theory lectures and in some condition they are safely disposed outside to the college. We also donate the Computer Systems to different schools to improve their student's computer knowledge. Institute suggests industries to manufacture computer, components and peripherals of biodegradable materials.

File Description	Document
Any additional information	View Document

7.1.6 Rain water harvesting structures and utilization in the campus

Response:

The Institute has implemented rainwater harvesting, which is saving significant amount of water expenses. This system helps in the Institute **Ground Water Recharge and** improvement of water level and quality of bore well water.

Rainwater harvesting is an important environment friendly approach–dubbed as a Green Practice in our Institute which has double benefit in both keeping the groundwater table undisturbed and charging the aquifer.

Rainwater harvesting, besides being eco-friendly, is an economic practice as well. The best part of the practice of rainwater harvesting, however, is that in one hand it is checking one from leaning towards using groundwater on the other hand, if remains unused or extra, these rainwater, can go back to the ground thus charging the natural aquifer to boost the groundwater level.

Rain water harvesting unit is installed for A& E Building back side location for ground water recharge application & roof top purifier are installed to conserve and preserve the precious rain water through surface harvesting system. By this application Institute is conserving around **12,30,400 liters** of water every monsoon just by using the roof top water of **1953 square m** of area.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.7 Green Practices

- **Students, staff using**
a) **Bicycles**
b) **Public Transport**
c) **Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

Response:

The Institution is located with greenery in and around the campus by planting good number of trees and plants. To maintain green campus college has taken a lot of positive initiatives as follows:

1. Public Transport: College take initiative to use public transport for that they display notice on notice board for advantage the faculty and student to use public transport. For less use of plastic for that college organize plastic awareness program.

2. ERP System: Institute has successfully developed ERP system with the help of external agency for improving efficiency and productivity of academic and administrative processes. Faculty members use ERP software for maintaining students' attendance record, choosing examination duties etc.ERP software is used for examination related activities such as result analysis, mark list and examination report generation etc

3. Paperless Office: Biometric system is used to create record of the faculty members' daily in and out-timings. College use whatsapp group for to convey massages or notices to all staff

4. Financial transaction records are maintained using 'Tally' software. The Institute also has taken initiative for implementing Rain Water harvesting Project and solar street lights so we can save water and use renewable energy which support to the green practices.

File Description	Document
Any additional information	View Document

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

Response: 0.66

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
0.01	4	0.5	13	6

File Description	Document
Green audit report	[View Document](#)
Details of expenditure on green initiatives and waste management during the last five years	[View Document](#)

7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

1. **Physical facilities**
2. **Provision for lift**
3. **Ramp / Rails**
4. **Braille Software/facilities**
5. **Rest Rooms**
6. **Scribes for examination**
7. **Special skill development for differently abled students**
8. **Any other similar facility (Specify)**

A. 7 and more of the above

B. At least 6 of the above

C. At least 4 of the above

D. At least 2 of the above

Response: B. At least 6 of the above

File Description	Document
Resources available in the institution for Divyangjan	[View Document](#)
Any additional information	[View Document](#)
link to photos and videos of facilities for Divyangjan	[View Document](#)

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years

Response: 7

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
3	1	1	1	1

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	[View Document](#)
Any additional information	[View Document](#)

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

Response: 9

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
4	2	1	1	1

File Description	Document
Report of the event	[View Document](#)
Details of initiatives taken to engage with local community during the last five years	[View Document](#)
Any additional information	[View Document](#)

7.1.12
Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff

Response: Yes

File Description	Document
URL to Handbook on code of conduct for students and teachers , manuals and brochures on human values and professional ethics	[View Document](#)

7.1.13 Display of core values in the institution and on its website

Response: Yes

File Description	Document
Provide URL of website that displays core values	[View Document](#)

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations

Response: Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	[View Document](#)
Any additional information	[View Document](#)

7.1.15 The institution offers a course on Human Values and professional ethics

Response: No

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions

Response: Yes

File Description	Document
Any additional information	[View Document](#)
Provide URL of supporting documents to prove institution functions as per professional code	[View Document](#)

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

Response: 7

File Description	Document
List of activities conducted for promotion of universal values	[View Document](#)
Any additional information	[View Document](#)

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities

Response:

GSMCoE has a historical zest because of its president Shri Rambhau Moze himself was a freedom fighter as well as served the state in different portfolios. National Festivals are celebrated with enthusiasm. Our students come together breaking the boundaries of religion and caste. Institute organizes National Festivals with the young minds through the exhibitions and programmes conducted on these days Thus we do celebrate national festivals and Birth and Death Anniversaries of many great Indian personalities. Like:

- **Independence Day**: The 70th Anniversary of India's Independence Day was celebrated at the Institute by hoisting the National Flag in the morning with many motivating and inspiring speeches and patriotic songs by faculties and students.
- **Teachers Day**: Teacher's Day is marked in honour of Dr Sarvepalli Radhakrishnan, who was born on September 5, 1888. Our students celebrates Dr Radhakrishnan's birth anniversary by paying tribute to its teachers and gurus on this day.
- **Youth Day**: 12 January 2017 marked the Birth Anniversary of Swami Vivekananda, a renowned patriot of our country and this day is as the National Youth Day. In remembrance of this event, the Institute paid humble tribute to Swami Vivekananda by organizing poster presentation and speeches by students.
- **Gandhi Jayanti:** Gandhi Jayanti is celebrated on 2nd October. This day is celebrated in the honour of the birthday of the Father of the Nation, This day is celebrated as the Day of Non-Violence as Gandhiji was the preacher of non-violence. He is a symbol of peace and truth. Institute organizes awareness programme for cleanliness to contribute in the campaign of "**Swach Bharat Abhiyan**".
- **Engineer's day**: Institute is celebrating Engineers Day on 15 September every year as a remarkable tribute to the greatest Indian Engineer Bharat Ratna Mokshagundam Visvesvaraya.

Republic Day: The 68th India's Republic Day was celebrated on 26 January at the Institute by hoisting the National Flag in the morning.

File Description	Document
Any additional information	[View Document](#)

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Response:

The conduct of GSMCoE and its faculty, staff, and administrators is ethical and responsible. A focus on integrity and ethics can be found in established institutional policies, practices, and procedures. Explicit in the function of the finance and audit committee is reviewing internal and external audits and ensuring regulatory compliance with matters materially impacting institute operations. The trusteeship and governance committee ensures the integrity of the Board. Budgetary and operational integrity is assured through the annual audit conducted by external auditors. Academic policies and student life policies also

provide evidence of a commitment to academic integrity.

GSMCoE is an Equal Employment Opportunity institution. Faculty and staff searches are conducted in a fair and ethical manner and in accordance with relevant local, state, and federal laws. The Institute commits to recruitment and hiring "without regard to race, colour, religion, sex, age, gender identity and expression, familial status, political affiliation and participation in protected activities. All harassment and related complaints will be handled through a consistent process. Complaints may also be registered with the appropriate offices using forms and procedures for faculty, staff and students.

Tuition and fees for students are clearly presented on the Office of the Treasurer website as Finance brochures, published each year after tuition and fees are approved by the Board of Trustees.

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Response:

1. **Title of the practice**

"Best Outgoing Student" (Academics and Sports)

1. **Objectives**

- To motivate students to excel their knowledge in academics & sports
- To improve student's Punctuality, Leadership quality, Respect, sports, academic activities for excellence
- To Develop an understanding of the importance of sport in the pursuit of a healthy and the concept of fair play , honest competition & good sportsman spirit

1. **The context**

The Performance of all the candidates is judged on various Skills, participation in Extra Curricular Activities, Sports, Paper presentation at National and International Conferences and Journals.

1. **The Practice**

- For each semester, Credits are also given for academic distinction achieved during university examination
- Credits are given to the candidates nominated for this award
- Interview panel comprising of Principal, Dean Academics, Best Outgoing Student Award Committee Coordinator and few senior faculty members

Criteria for best outgoing student award are as follows-

All candidates are judged for their performance in academics, extra-curricular activities, Paper presentation

at Conferences and publications in National and International Journals. The Performance of all the candidates is judged for various Skills, participation in competitive examinations, Extra Curricular Activities, Sports, Social work for community.

Evidence of success

The Best Outgoing Student Award is a Best Practice implemented by our institute. Because of this practice the competition between the students increases and other students gets motivated because of such practice. The students are able to acquire skills of life-long learning and cooperative work culture.

2. Title of the Practice:

"Best project Competition"

Objective:

The best project competition is a College Level Project Competition with the objective to promote innovation amongst students in which they can showcase their technical skills, innovative ideas and competency to solve real life problems. The idea centers around **"Initiate, Innovate and Implement ",** while focusing on exploring different recent trends in Technology.

The context:

Lack of availability of time hampered students to give more time towards the Competition as they have their busy schedule of regular course classes.Moreover the students whose project was sponsored took much time in getting finalized by the company.

The practice:

The beauty of the competition lies in the uniqueness of the completion as the parents of the top three winners were invited in the event without the prior information given to the students. They felt very proud which inspired other students to perform,participate and to come forward in these types of events.

Evidence of Success:

The practice has proved to be useful as it provided an integrated combination of both conceptual and theoretical concepts of students. It improved the intellectual capability of the students enhancing the capability to work in a team.

Problems encountered:

As the numbers of the projects were more and all projects were at par so it became difficult for the reviewers to select the best project. Moreover the time constraint is the biggest problem encountered during the conduction and evaluation of the result for the practice.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Response:

The Institute Vision is to produce competent and responsible engineers and not mere graduates. Students are made to face the industry, head-on, by way of industrial projects internships, research projects which expose them to recent industrial trends and to inculcate the spirit of research.

Institute has tie up with various industries and research institutes for knowledge creation and technology development as a result of its constant endeavour to keep abreast with the changing needs of the industry. In response to the stakeholder's needs, the institute is trying for post graduate programs and research centres.

The college aims to achieve this by incorporating experimental and project-based learning in teaching learning process along with strong Institute-Industry Interaction and research opportunities. These efforts will develop graduates who are academically and technically competent thereby making the college a renowned institute.

The Trust proposes to involve in community service such as awareness programmes in education, health, safety, environmental management etc., towards enabling the rural community to reap the benefits of development.

The Institute encourages the students for the higher education and provides coaching and training to them for GATE examination.

For addressing needs of the society and the students, the faculty is sponsored to visit industries. We also seek cooperation from the industrial person to arrange for visit at their provinces for better knowledge of industry to the students

1. **Research and Development :**

The research and development of institution is fulfil by following ways

? To motivate the students for presenting the papers at various technical conferences

? Institute signed MoUs with different industries for improving technical skill

? Institute is providing platform to faculties for publications on different subjects

1. **Industry Interaction**

Institute Industry Interaction of the institute is helpful for students to make them industry ready by following ways:

? Different Subject knowledge and doubts are cleared by taking eminent person lectures

? Arranging industrial expert's lectures for improving technical knowledge on recent technologies and methods

Providing platform for student and faculties to use complicated equipment to develop their skills

? providing support/equipment/material/guidance for innovative projects

? For improving quality institute regularly takes feedback

The college is running UG program, hence the research activities at student level are limited to project work as a part of curriculum. However, some faculty members involved in collaborative research with other institutions encourage interested students to work in laboratories of these institutions. This has helped the faculty members to widen the scope of their research investigation and have enabled them to work with sophisticated equipments, thus leading to quality research publications in leading journals

Students are encouraged to take up internships during their semester holidays.

The references are given for various companies. The faculty of the institute maintains strong industrial links by undertaking consultancy assignments.

To achieve enhanced industrial participation in the engineering education, the institute is taking initiative to start the industry sponsored degree programmes. Technical communities also facilitate the identification of new ideas and applications that can lead to successful outcomes.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

5. CONCLUSION

Additional Information :

Along with all the mentioned information Institute believes in taking everyone together for various activities, by using portfolio distribution among the faculty is implemented for effective, responsible and teamwork culture in institute.

Special rare book section is being introduced apart from library to focus more on quality projects for final year students and to enhance the research methodology culture for faculty and students.

To promote the admission process, management took initiative by facilitating with concession and instalment payment of fee.

Concluding Remarks :

Considering education as a prime importance, institute works on **"????????? ??????? ????????"** in the loving memory of Father this Trust is formed as Genba Sopanrao Moze by Hon. Shri Rambhau Moze, Ex-MLA and educationalist of Pune. In addition to different educational institutes this engineering institute is started in 1999 considering needs of Industry and society.

Due to the rapid changes in the areas of Engineering and Technology, Institute follows the modern trends of Teaching-learning process for the empowerment of students and society.

Different bodies are framed in favour of institute, faculty, supporting staff and students to create awareness and execution of Creation, Innovation, Inspiration, Imagination and Implementation in continuous emerging field of knowledge to achieve the Vision,

"EMPOWERMENT THROUGH TECHNOLOGICAL EXCELLENCE"

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
1.3.3	Percentage of students undertaking field projects / internships 1.3.3.1. Number of students undertaking field projects or internships Answer before DVV Verification : 416 Answer after DVV Verification: 418
5.1.4	Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years 5.1.4.1. Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year-wise during the last five years Answer before DVV Verification: 	2016-17	2015-16	2014-15	2013-14	2012-13
---	---	---	---	---
165	227	208	213	229 | Answer After DVV Verification : | 2016-17	2015-16	2014-15	2013-14	2012-13
---	---	---	---	---
226	281	276	279	291	

2.Extended Profile Deviations

ID	Extended Questions
1.1	Number of courses offered by the institution across all programs during the last five years Answer before DVV Verification : 778
1.2	Number of self-financed Programs offered by college Answer before DVV Verification : 5
1.3	Number of new programmes introduced in the college during the last five years Answer before DVV Verification : 0
2.1	Number of students year-wise during the last five years Answer before DVV Verification: | 2016-17	2015-16	2014-15	2013-14	2012-13
---	---	---	---	---
1308	1937	1871	1761	1781	
2.2	Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during the last five years Answer before DVV Verification: | 2016-17	2015-16	2014-15	2013-14	2012-13
---	---	---	---	---	

| 168 | 211 | 363 | 271 | 328 |

| 2.3 | Number of outgoing / final year students year-wise during the last five years |

Answer before DVV Verification:

2016-17	2015-16	2014-15	2013-14	2012-13
450	534	355	349	367

2.4	Total number of outgoing / final year students Answer before DVV Verification : 2055

| 3.1 | Number of teachers year-wise during the last five years |

Answer before DVV Verification:

2016-17	2015-16	2014-15	2013-14	2012-13
108	144	137	105	113

| 3.2 | Number of full time teachers year-wise during the last five years |

Answer before DVV Verification:

2016-17	2015-16	2014-15	2013-14	2012-13
108	144	137	105	113

| 3.3 | Number of sanctioned posts year-wise during the last five years |

Answer before DVV Verification:

2016-17	2015-16	2014-15	2013-14	2012-13
152	160	156	146	132

3.4	Total experience of full-time teachers Answer before DVV Verification : 626 years
3.5	Number of full time teachers worked in the institution during the last 5 years Answer before DVV Verification : 341
4.1	Total number of classrooms and seminar halls Answer before DVV Verification : 27
4.2	Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)

Answer before DVV Verification:

2016-17	2015-16	2014-15	2013-14	2012-13
774	625	540	811	639

4.3	Number of computers Answer before DVV Verification : 640
4.4	Unit cost of education including the salary component(INR in Lakhs) Answer before DVV Verification : 0.45

| 4.5 | Unit cost of education excluding the salary component(INR in Lakhs) |
| | Answer before DVV Verification : 0.39 |