



SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

SANMATI ENGINEERING COLLEGE

AT.SWARGAON BARDE, WASHIM - MALEGAON ROAD, WASHIM.

444505

www.sanmati.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

(Draft)

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Sanmati Engineering College, Washim was established as a self-financed engineering co-education, Jain minority institute by Mukund Education Society in 2010 at Sawargoan Barde, NH-161, in Washim district of Maharashtra State. The institute is having a humble rural background (Among 117 District Under Transformation of Aspirational Districts' Programme of India) with only 17.6 % urban population. Under the dynamic and visionary leaderships of Shri Mohanlalji Walchale, Founder President, MES a well-known activist and educationist and Advocate Vaishali Walchale, Secretary MES, a renowned educationist and socio-economic development activist, college is on the path of progress. The College is a premier technical educational institute of the region, affiliated to Sant Gadge Baba Amravati University (SGBAU), Amravati, Maharashtra and approved by All India Council for Technical Education (AICTE), New Delhi and Directorate of Technical Education, (DTE), Government of Maharashtra, Mumbai. The institute offers 04 undergraduate, 02 post graduates. We are sincerely engaged in imparting quality engineering education and creating opportunities for rural students to become capable engineers and eminent citizens.

The institute aims at capitalizing the human resources in the field of Civil, Computer Science & Engineering, Electrical, and Mechanical Engineering towards the socio-economic cultural transformation of rural India.

Vision

To provide technical education in socio-economically backward rural region, to Serve as precious resource for development of Nation through Excellence in Technical education and research.

Mission

To make revolutionary development in socio-economic field of rural, tribal and backward region by educating student professionally and technically to face social challenges by providing them international quality education at an affordable cost.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. Teacher-Student rapport promotes a strong teacher student relationship. All the teachers in the department are allotted a fixed number of students who are given personal attention by the faculty members under Teacher Guardian Scheme. This helps to promote an excellent formal and informal relationship between the students and the teachers under teacher's guardian schemes.
2. Students Centric Activities: Every activities of the institute are designed students-centric. Every care has been taken to enrich students during their course of study through various courses, conferences, seminars & workshops etc.
3. Industry Institute Interaction: TGS promotes an innovative work culture. Industry tie-ups and tie-ups

with industrial organizations such as MIDC Industrial Association, Akola.

4. Experienced and well qualified motivated I T savvy young and dynamic faculty.
5. Able, experienced and active support from visionary and transformative leadership.
6. ICT enabled interactive and participatory delivery practices, which complete the requirement of the heterogeneous groups of students.
7. Highly disciplined Education Environment.
8. Good involvement of faculty members in various researches, social, cultural and extension activities.
9. Green campus with solar power generation and water harvesting initiatives.
10. Winner of various awards and recognitions in extension activities.
11. SGBA University examination results are good.
12. Good enrolments even institute is situated in remote and rural area.

Institutional Weakness

1. Mostly students come from rural back ground and belongs to weaker sections, completed their primary education in vernacular language; majority of students are weak in English communication. Facility enhancement for exchange of faculty and students among institute of national repute
2. Faculty with industrial experience is less in number.
3. Economically backward strength of students.
4. Nearby few industries are available, hence difficulty in industrial exposure.
5. Consultancy in collaboration with national agencies and industry needs improvement.
6. Faculty demographic profile and attrition: 70% of the faculty members are less than 35 years of age implying lower work and research experience. Numbers of PhD holders are less in number
7. Attrition rate has been low due to various reasons like starting of new engineering colleges in the vicinity.
8. Placement & Training: Even though on-campus placement record is consistent, there is enormous scope for achieving higher placement altogether there are limited number of core industries.

Institutional Opportunity

1. Branding and positioning: Simultaneous increase in the employability of graduates of the college and also with higher research/ consultancy activity will enable the institute to carve a niche for itself in the domain of engineering education.
2. Student Internship /Support to weaker students: This is most essential to encompass all the students of the institution under increased employability scheme. Support to weaker students is required in providing additional subjective training and also in non-subjective training like English and Aptitude classes.
3. Industry interaction.
4. Employability Efforts for slow learners.
5. Improve awareness among community regarding engineering education
6. Improvement in the quality of admitting students.
7. Government support in terms of various schemes and scholarships.

Institutional Challenge

1. Retention of qualified & experienced faculty members: This is a major challenge, with the increase in demand for professional education and increase in the number of engineering institutions, retaining qualified and experienced faculty has become very difficult. Hence measures towards increasing affinity and allegiance of faculty towards the institute needs to be implemented.
2. Rapidly changing technology: With technology changing every day, the institution needs to progressively upgrade its laboratory infrastructure, which invites large investment. Therefore measures to increase Institutional revenue from sources other than tuition fees needs to be thought about. The solution for this challenge therefore lies in increased research, consultancy and offering training to industry professionals and skill development vocational courses.
3. Challenging to integrate the rapidly changing technology in the curriculum due to affiliated status of the institution.
4. Attracting core and multi-national companies (MNCs) for student.
5. Imparting good communication skills to students who are mostly from rural and semi urban background.
6. To reduce skill gap between students and industry exception.
7. Quality research work and their publications in reputed journals.
8. Improvement in quality of student in enrolment.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The Institute follows syllabus for UG, PG courses and academic calendars provided by Sant Gadge Baba Amravati University (SGBAU), Amravati as it is affiliated to it. As per the guidelines provided in university calendar regarding dates of start of session, end of sessions, exam schedules and holidays, academic calendar of college prepared by academic dean by the discussion with all HOD's of respective departments. Institute offers academic flexibility to all the students as per their interest by providing elective course system. The curriculum is enriched through the conduction of various courses imparting life skills, seminars, workshops, and technical events. Along with these, the field projects, industrial visits and internships are arranged for the students. The present curriculum addresses issues relevant to gender, environment, sustainability, human values and professional ethics. Apart from this, the institute organizes extension activities for community, and awareness programmers for promoting gender equity, human values and professional ethics. The feedback's from alumni, parents and students are taken in a structured format for enrichment and are analyzed and recommended to the University.

Teaching-learning and Evaluation

In a small span of time, the institute has gained recognition from the society as well from students, who preferred our institute for their professional study. The institute participated in the centralized admission process conducted by DTE (Directorate of Technical Education, Govt. of Maharashtra) Mumbai, which ensures merit base transparency in the selection process.

Financially weaker students are supported with scholarships as per the rules and norms of Maharashtra government. The institute has appointed adequate number of qualified and experienced full time teachers for teaching and motivating students. Apart from classroom teaching the other teaching methodologies re applied like NPTEL videos lecture, Industrial visits, mini projects, GD/PI mock Interview session, Technical

Completions.

The teaching staff has maintained their records like an academic calendar, Time table, Course file, course outcomes, lecture notes and laboratory manuals. Faculty members are appointed as per AICTE and SGBAU Amravati University norms. The faculty members are encouraged for technical training programmes, workshops, seminars, conferences, FDP to update their skills. Faculties are insisted to undertake research work and higher studies. Students performance is monitored continuously through regular unit test, and sessional exams. The online evaluation of theory papers has been adopted by SGBAU Amravati University Amravati. IQAC contributes to improve the teaching student –learning.

Research, Innovations and Extension

The institution takes initiative to promote research culture among the students and faculties. Many of the academic projects of U.G. final year are based on innovation. Many technical programs were under taken by our faculty & students to aware the rural areas peoples for transfer of knowledge. The faculties were encouraged to participate in various development programs, workshops and conferences, to remain abreast with latest knowledge and technological updates. Students and faculty members promoted to participated various national and international conferences, S.T.T.P. and project exhibition to upgrade their knowledge. In addition to above, various technical expert lectures organized to create awareness among students and staffs for their intellectual property. Institute has a number of MOU's with slandered companies to face current engineering problems in market. Some of these companies provided In-plant trainings, students Internship programs, Short term training programs. The student and staff visited various industries to enhance practical knowledge of current trends in all the fields of engineering. The Institute has organized various social activities like Swatch Bharat, Tree Plantation, Blood Donation and AID's Awareness etc. The institute paid tribute to the nation by organizing all national festivals and world yoga day etc.

Infrastructure and Learning Resources

The physical facilities comprise of 15 classrooms, 39 laboratories, 01 seminar hall, conference hall, sick room, girls and boys common room, store room, central workshop, Principal office, academic section, account section, exam department, exclusive Training and Placement (T & P) cell, ample space for outdoor & indoor sports activities, related academic and administrative rooms. Library comprises of 7851 books, 28 journals with 409 Sq.m area. The Library is using E- Resources through Delnet, Shodsindhu, National Digital Library as well as Automation in Library through Campus Technology. Also Learning Management System is implemented through Campus Technology for more interactive teaching learning. Institute has a strong IT infrastructure and periodically updated IT facilities in terms of hardware, software and firewall system as per requirement. The institute has massive network of 197 computers with internet connectivity to fulfill the academic and research requirement. The institute has implemented Campus Technology in order to make the system student centric and enhance learning capabilities. History cards of the equipment are maintained, which indicate the timely and appropriate maintenance/repair/calibration of the respective equipment. For maintenance of campus facilities, the institute has framed various committees such as Canteen and Campus, Library, and Purchase committee, cleaning committee. General civil maintenance and upkeep of civil infrastructure, landscaping is carried out by the Canteen and Campus committee. The institute has appointed services like housekeeping, security of campus. Sufficient number of firefighting equipment/ systems is provided to counter situations in case of fire

broke out and natural calamities. Diesel generator set of 65 KW and solar power system of 3.5KW have been installed for power backup to cope with frequent load shedding as institute is connected to MSEB's rural electrification power distribution system.

Student Support and Progression

The institute always provides necessary help to students to get good environment for learning at the campus by focusing on overall development. As students admitted in the institute are from economically poor rural background, for the upliftment of students, concession in fees as well as the institute level scholarship has been given to the students. Also institute provide necessary assistance to students to overcome the difficulties arise in Govt. Scholarships. For the overall development of student programs like Competitive exam guidance, remedial coaching classes, Yoga classes, English for General purposes, soft skill, Career Counseling are conducted which are free of cost to all students. To enhance the practical knowledge of respective subject the Vocation Education & Training Programs are conducted by the respective departments of the institute. Under this program students are regularly sent for the Internship & Industrial visit. Institute runs the transparent mechanism system with the help of Anti-ragging Cell, Anti-Ragging Squad, Students Council, Staff Council, Re-dressal Cell, and Sexual Harassment Cell & Internal Complaint Committee. In most of the committees, Principal of the institute directly addressed the members. The members of student's council are selected on the basis of merits. Anti -Ragging Squad work carefully under the guidance of Anti-Ragging Cell and it is good to mentioned that till date no case has been found by the anti- ragging squad. The institute has well-structured Training & Placement Cell by which the Training & Placement drives are conducted regularly. The students of the institute participate in different administrative & academic activities through the active students council. For the holistic development of the students every year the annual cultural event- Sankalp & Annual Technical Event – Horizon are organized by the institute in which the participation of the students are admirable. Also the institute provides the necessary assistance to the students for the participation in different University Level, state level, National level as well as international level events. The institute has registered alumina cell under the University act. The alumina of the institute is actively involved in the student's chapter such as CESA, MESA etc.

Governance, Leadership and Management

The management of SEC plays important role to provide excellent infrastructural facilities and healthy teaching - learning environment. The enlightened management provides clear vision and mission of the institution which is in tune with the higher education policies of the nation and facilitates in building the organizational culture. Regular meetings of Managing Committee, LMC, IQAC and Heads of Departments offer a platform to present and discuss the perspective plans of the college and help in effective implementation of institutional policies. The University curriculum has been supplemented with components of vocational relevance from the career perspective at the behest of Management.

Principal and HODs provide academic leadership and try to percolate the qualities of leadership among faculty, staff and students. HODs in consultation with Principal decide strategies of individual department. They also seek review of academics, research, placement and execution of various activities of all the departments. To evaluate and ensure the effectiveness of individual teachers, academic audit is conducted periodically. Various sources of feedback are available to the management from stakeholders that are used to ensure reinforcement of the culture of excellence. The Principal works closely with administrative team comprising Co-ordinator IQAC, HoDs, administrative officer and accountant to offer effective leadership by setting values and

participative decision-making process for the academic and administrative planning and implementation. Dissemination of information for smooth and effective functioning is facilitated through the existing mechanism of office automation.

Various Schemes available for faculty and supporting staff has resulted into sense of ownership and their retention. The institute mechanisms for internal and external audit to ensure budget utilization and proper documentation with respect to books of account. The plan also consists of activities for making Association with industry. The IQAC has significant role in achieving academic excellence. An Internal Quality Assessment Cell (IQAC) has been set up to monitor and to establish the standards in academics as well as in administration. The delegation of powers at all levels is clearly defined and strictly followed. Institute organizes, annual cultural fest gathering, workshops, seminars and conferences for the overall development of students and also to inculcate leadership qualities among them.

Institutional Values and Best Practices

The college has a green campus with water harvesting and energy saving mechanism. The building of the college has been beautifully designed for maximum utilization of natural light and natural cool air.

The Institute organised various programs for social and cultural development of students, specially related to women's such as Narishakti ko salam, Beti bachao Beti padhaao , Women's day, women self empowerment, women feticide, etc. The Institute Provides various facilities for students such as, Fire Safety, Security Guard, Counseling, (TGS, Women's Grievance Cell), CCTV etc. under the Gender sensitivity.

The Renewable energy source i.e. Solar Energy Panels are available in college campus. The institute has curtel its power consumption through LED bulbs. The institute has good arrangement for solid waste, liquid waste & E-Waste management's. Overall college well settles with Green campus with good number of trees inspite of situated in water defficient region. Uniqueness of institute is that well prepared programs organized for the betterment of students' mind and health, such as Blood donation camp, Health camp, Gram swachhata abhiyan, Unnat Bharat Abhiyan etc. The Institute has taken the innovative steps from various program related to local community. Institute always follows the rules with consistency the highest effectiveness with follow up of vision and mission.

The institute follows many innovative practices, consciousness about national identity with well organized programs. The Institute have more emphasis on human values and professional ethics aspects. The Institute is following guidelines the AICTE, DTE, SGBAU authorities for various professions. Entrepreneurship awareness programs are organized to address the issues like professional ethics and improvement among students. The Institute regularly celebrates of birth/death anniversary and Jayanties of legends to inculcate the good and inspirational qualitties among students. The Institute maintains complete transparency with its financial, academic, administrative departments. The institute leads with Best practices to emphatics on student programs. The uplifting of economical and social backward student from rural areas and provide them the professional education as per our vision and mission of institute for achieving goal of students in their career apart from the teacher gaudrdian ship schemes.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	SANMATI ENGINEERING COLLEGE
Address	At.Swargaon Barde, Washim - Malegaon Road, Washim.
City	Washim
State	Maharashtra
Pin	444505
Website	www.sanmati.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Priyadarshi S. Jaruhar	07252-234302	7507802000	07252-233090	principal@sanmati.in
IQAC / CIQA coordinator	Chetan R. Bundeale	07252-234303	8550990903	07252-233991	iqac@sanmati.in

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	
Date of establishment of the college	13-07-2010

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

State	University name	Document
Maharashtra	Sant Gadge Baba Amravati 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	10-04-2018	12	Extended Annually

Details of autonomy

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	Yes
If yes, has the College applied for availing the autonomous status?	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	At.Swargaon Barde, Washim - Malegaon Road, Washim.	Rural	10.33	11601

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,Electrical Engineering	48	HSC or diploma	English	60	60
UG	BE,Mechanical Engineering	48	HSC or diploma	English	60	60
UG	BE,Civil Engineering	48	HSC or diploma	English	60	60
UG	BE,Computer Science And Engineering	48	HSC or diploma	English	30	30
PG	ME,Civil Engineering	24	Graduation in Engineering	English	18	14
PG	ME,Computer Science And Engineering	24	Graduation in Engineering	English	18	6

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	6				12				36			
Recruited	0	0	0	0	0	0	0	0	7	2	0	9
Yet to Recruit	6				12				27			
Sanctioned by the Management/Society or Other Authorized Bodies	6				12				42			
Recruited	2	0	0	2	1	0	0	1	34	8	0	42
Yet to Recruit	4				11				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				22
Recruited	22	0	0	22
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				13
Recruited	13	0	0	13
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.	2	0	0	1	0	0	0	0	0	3
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	41	10	0	51

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.	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

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
	0	0	0	0

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
PG	Male	32	0	0	0	32
	Female	10	0	0	0	10
	Others	0	0	0	0	0
UG	Male	502	0	0	0	502
	Female	90	0	0	0	90
	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	57	39	27	42
	Female	16	1	3	5
	Others	0	0	0	0
ST	Male	4	0	3	7
	Female	0	0	0	0
	Others	0	0	0	0
OBC	Male	81	30	57	51
	Female	15	6	5	5
	Others	0	0	0	0
General	Male	59	35	137	53
	Female	16	3	15	7
	Others	0	0	0	0
Others	Male	53	26	42	58
	Female	8	3	4	4
	Others	0	0	0	0
Total		309	143	293	232

3. Extended Profile

3.1 Program

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

Response: 309

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of programs offered year-wise for last five years

2017-18	2016-17	2015-16	2014-15	2013-14
6	7	7	7	5

3.2 Students

Number of students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
574	412	438	456	389

File Description	Document
Institutional Data in Prescribed Format	View Document

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

2017-18	2016-17	2015-16	2014-15	2013-14
123	178	198	198	150

File Description	Document
Institutional data in prescribed format	View Document

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

2017-18	2016-17	2015-16	2014-15	2013-14
134	110	46	64	39

File Description	Document
Institutional Data in Prescribed Format	View Document

3.3 Teachers

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

2017-18	2016-17	2015-16	2014-15	2013-14
67	69	65	63	56

File Description	Document
Institutional Data in Prescribed Format	View Document

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

2017-18	2016-17	2015-16	2014-15	2013-14
69	82	72	66	60

File Description	Document
Institutional data in prescribed format	View Document

3.4 Institution

Total number of classrooms and seminar halls

Response: 15

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

2017-18	2016-17	2015-16	2014-15	2013-14
115	193	192	201	162

Number of computers

Response: 182

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:

- Our Institute follows syllabus (for all UG and PG courses) and academic calendars provided by Sant Gadge Baba Amravati University (SGBAU), Amravati as our Institute is affiliated to it.
- As per the guidelines provided in university calendar regarding dates of start of session, end of sessions, exam schedules and holidays, academic calendar of college prepared by Dean Academics through the discussion with all Heads of respective departments.
- The Time Tables and load distribution of each department is prepared well in advance so that assigned teachers will get enough time for preparation of teaching plan, course files, notes, questions banks etc.
- The students are given a choice to select the elective courses listed in the university curriculum.
- In addition with chalk & board method for effective curriculum delivery teachers are advised and encouraged to make use of ICT tools and Learning Management system available in Institute. To help students to improve their learning in a more interactive way lectures by experts from academia and industry are organized in every semester.
- As per the area of interest of students and latest trends, projects are assigned to final year students. Projects are monitored by respective guides through project progress seminars and presentations.
- Head of department conducts meeting with faculty members to take review of syllabus coverage, attendance and Sessional results and forward it to the Principal.
- Method of Continuous internal evaluation of the student with respect to practical's, assignments, Sessional tests, seminar & projects is adopted by the institute as per university guidelines.
- For enhancing learning experiences academic seminar are conducted for the final year students at the end of semester.
- Industrial visits, seminars, workshops, paper presentations are planned and executed depending on the need of the curriculum.
- Necessary actions are taken for slow learners by conducting remedial classes and for advanced learners by conducting expert lectures, soft skill programs, providing knowledge about technical paper writing, project guidance.
- Oral/Practical examinations are conducted as per University norms after theory examinations. Result analysis is carried out by the departments after the declaration of university results.
- Internal Academic audits are conducted by principal in presence of respective HOD at the end of each session which includes complete analysis report of each department. Necessary actions and suggestions are provided as per the analysis report to respective faculty members. Feedback is taken from the stakeholders in structured format at the end of each semester.

File Description	Document
Link for Additional Information	View Document

1.1.2 Number of certificate/diploma program introduced during the last five years**Response:** 23**1.1.2.1 Number of certificate/diploma programs introduced year-wise during the last five years**

2017-18	2016-17	2015-16	2014-15	2013-14
08	06	04	04	01

File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Details of the certificate/Diploma programs	View Document
Any additional information	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:** 123.44**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**

2017-18	2016-17	2015-16	2014-15	2013-14
23	22	16	10	08

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:** 36.57

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

Response: 113

File Description	Document
Details of the new courses introduced	View Document
Any additional information	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: 6

File Description	Document
Name of the programs in which CBCS is implemented	View Document
Any additional information	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: 35.7

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

2017-18	2016-17	2015-16	2014-15	2013-14
292	196	171	153	29

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

The present curriculum of the affiliating University has integrated cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics through following courses:

- 1.Environmental Studies: Environmental Studies is compulsory course for every program which addresses the issues related to environment and sustainability. Course contents are helpful to create awareness about climate change, pollution, water conservation etc. among the students.
- 2.Communication Skill (Course code: 5CE06, 6ME06, 5KS06, 5EE06, 5XT06): Communication skill course is offered to all the programs, which covers communication abilities, social networking, and professional ethics.
- 3.Professional Ethics (Course code: 6KS06): Professional ethics is the compulsory course for computer science engineering students which includes the personal and corporate standards of behavior expected by corporate.
- 4.Engineering Chemistry (Course code: 1B2): This a compulsory course for all the first year engineering students. The part of this course is related to the environmental chemistry covering ill effects of pollution like ozone layer depletion, acid rain, greenhouse effect, etc.
- 5.Non-Conventional Energy Sources (Course code: 7ME05): This is one of the elective courses offered by Mechanical Engineering department which covers various non conventional energy sources like tidal energy, solar energy, wind energy, etc. It provides the present scenario of energy consumption and the development of sustainable and eco-friendly energy sources.
- 6.Environmental Engineering-I (7CE04): This is compulsory course for civil engineering which covers environmental issues like Quantity Estimation of water, Water quality, Aeration, Filtration, Disinfection and Distribution system

Extra Initiatives of the Institute:

- Apart from above courses Sanmati Engineering College has been conducting activities in the neighborhood community to create social awareness and communal harmony among the people who are disconnected from the main stream of Society.
- Institute organize health check- up camp, blood donation camp, Pulse Polio Immunization program etc. in association with other institute, Govt. Hospital Washim and recognized bodies like Lady Hardy Hospital, Akola. Involvement in such service-learning activities helps students to become mature and socially responsible.
- Students are motivated to participate in need based outreach activities, such as ‘Swachha Bharat Abhiyan’, campus cleaning, tree plantation, awareness programs about diseases like dengue, swine flu, AIDS etc. Participation in such activities imbibed the sense of national integrity, environmental and social responsibility among them.
- Recently Sanmati Engineering College has started “Unnat Bharat Abhiyan” a central Governments flagship Program launched with the objective to understand and work in villages (rural areas). The Institute has adopted five villages around Washim District. According to the strategy of UBA currently our institute is working on survey of adopted villages for need analysis.

1.3.2 Number of value added courses imparting transferable and life skills offered during the last five years**Response:** 13

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

Response: 13

File Description	Document
Details of the value-added courses imparting transferable and life skills	View Document
Any additional information	View Document

1.3.3 Percentage of students undertaking field projects / internships**Response:** 58.71

1.3.3.1 Number of students undertaking field projects or internships

Response: 337

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	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
Any additional information	View 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: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
Any additional information	View 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

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

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

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: 68.04

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

2017-18	2016-17	2015-16	2014-15	2013-14
246	143	285	226	213

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

2017-18	2016-17	2015-16	2014-15	2013-14
246	356	396	396	300

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: 82.38

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

2017-18	2016-17	2015-16	2014-15	2013-14
121	105	138	168	150

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:

After the admission process of DTE of the students to various courses, the college and individual teacher uses assessment methods and different indicators for evaluating student's performance and achievement of learning objectives. Different measures taken for slow and advanced learners are as follows:

For Slow Learners following measures are provided

- Teacher Guardian scheme is adopted for counseling the students. Each teacher is allotted specified students so that teachers can pay full attention on student's academics and help them in friendly way to solve their queries.
- Remedial Classes are conducted as per schedule in the early morning session or after the college hours.

For Advanced Learners

- Advanced learners are motivated to strive for higher goals. They are provided with additional inputs and extra activities.
- The students are insisted involvement in national level conferences and technical paper writing.
- Soft skills programs are arrange in order to cultivate different skills.
- The workshops and guest lecturers from the expert persons from the academics and industry are arranged regularly for students on different topics.
- Encouraging them with extra care to obtain University Ranks.
- Innovative project ideas are shared with the students for further studies.

2.2.2 Student - Full time teacher ratio

Response: 8.57

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

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:

All the faculties prepare their teaching plan for theory courses at the start of each semester. At the start of the session fundamentals are taught for better understanding of subject. Regular classes are conducted as per the curriculum prescribed by Sant Gadge Baba Amravati University Amravati.

For enhancing learning experiences following initiatives are implemented.

- Subject based experiments with practical application conducted in laboratories.
- For Final year students projects are assigned on the basis of subject interest and latest trends. Projects are monitored by respective guides through project progress seminars and presentations.
- Final year students mandatorily prepare and deliver seminars on recent advancements in the fields of Engineering.
- Training programs and soft skill development programs conducted in a session to improve skills among the students.
- Teacher Guardian scheme is actively working for resolving issues related with subject understanding.
- Students are encouraged to participate in Conferances, technical paper presentation contest organized by institute as well as other institutes.
- Students association of the respective departments like CSESA, EESA, CESA and MESA etc. arranged various workshops, guest lecturers and other activities for participative and experimental learning with the support of faculty of departments.
- In addition with chalk & board method for effective curriculum delivery teachers are advised and encouraged to make use of ICT tools and Learning Management system available in Institute for better understanding.
- Extension activities provide good platform for students to aware about social responsibilities through participative way.
- The library plays an important role in facilitating the students.

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.**Response:** 80.6**2.3.2.1 Number of teachers using ICT****Response:** 54

File Description	Document
List of teachers (using ICT for teaching)	View Document
Provide link for webpage describing the " LMS/ Academic management system"	View Document

2.3.3 Ratio of students to mentor for academic and stress related issues**Response:** 12.76**2.3.3.1 Number of mentors****Response:** 45**2.3.4 Innovation and creativity in teaching-learning****Response:**

Along with the conventional black board teaching method, to improve the presentation, analytical & problem solving skills of student, faculty members uses the basic audio-visual aids, power point presentation & video lectures, e-learning resources for proper handling or completing of the syllabus content. Also the institutes concentrate in innovative practices in teaching - Learning to developed keen interest of students in obtaining subject knowledge. The description of the innovative method adopted by the institute is given below.

Interactive Group Learning:-

Interactive group learning is found to be useful for exchanges of ideas learning experience and various skills among students. Institute has adopted unique practice of conducting mentor mentee session regularly. The student from each class is divided in many small groups for better interaction and effective conduction of student centric learning activates.

Project Base learning:-

Institute has adopted innovative practice for this purpose concentrate on projects of final year student. The faculty member gives proper guideline to students which include basic concept of project mechanism simulation of process preparation of working models of system, problem solving and analysis.

Experimental learning:-

The industrial visits are arranged for the students for on-site learning apart from their regular internship programs. These short visits to nearby industries are highly course specific with the predefined learning objectives.

Use of Learning Management System (LMS):-

To enhance the learning activities, institute uses the learning managements system. It is useful for assignment and to monitor the performance of the students for significant learning outcome. Faculty member's offers innovative communication Technologies (ICT) to provide an interactive forum to students for sharing ideas, Learning resources and clearing doubts of the students.

Learning Communication Skills:-

For the communication between students, faculty and students, managements and students, the institute has made it mandatory for all year students to communicate in English. It is the part of innovative practice to improve the communication skill of the student's. The communication also includes the group discussion. It will helps to students to groom skill, proper preparation of their syllabus and for placement in advance.

2.4 Teacher Profile and Quality

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

Response: 92.06

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document

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

Response: 0.67

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

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	1	1

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:** 4.09**2.4.3.1 Total experience of full-time teachers****Response:** 274

File Description	Document
Any additional information	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:** 0**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**

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Institutional data in prescribed format	View Document

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years**Response:** 0.53**2.4.5.1 Number of full time teachers from other states year-wise during the last five years**

2017-18	2016-17	2015-16	2014-15	2013-14
1	1	0	0	0

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:

To evaluate Academic improvements , Continuous Internal evaluation (CIE) is implemented in each semester under the guidelines of university. The college adheres the syllabus prescribed by the university. An academic calendar clearly specifies the dates of various academic events to take place during the academic session.

The evaluation system, as adopted by the Institute, has two components viz.

1. The Continuous Internal Evaluation (CIE)
2. The End Semester Examination (ESE)

The ratio of Weightage is 20% in CIE and 80% in ESE for UG (for theory) and for practical, is 50% both for CIE and ESE.

The internal assessment is based on : Sessional Tests, Assignments and Attendance. For effective implementation of Continuous Internal Evaluation (CIE) system at the institutional level, the institute conducts two Sessional Tests in each semester. The conduction of sessional test is done at the department level along with the setting of questions papers, seating arrangement, invigilation and result declaration on notice board. The tests papers are evaluated within three working days from the last date of examination and evaluated answer sheets are distributed among students for clarification and discussion in the class. The tests marks obtained by the students are also displayed on respective department notice board for their information. It makes the evaluation process transparent without any biasing. The results of all the components of internal assessment such as assignments, attendance & Sessional Test etc. are made available on the notice boards. If still there exists any grievance regarding the revision of the awarded grades/marks, student may appeal to HOD. The answer Sheets are given back to the students after evaluation for their information, providing sufficient transparency and accountability. CIE marks are shown to students along with their answer Sheet by the teacher concerned, enabling them to have access to the evaluated answer Sheet before the marks are forwarded to the examination section. CIE Components also includes, home assignments, Viva-voce at department level .

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

Response:

The assessment of all the theory & practical course has two component : (1) Continuous Internal Evaluation (CIE) at institute level & (2) Assessment by the University. The faculty members assess the students throughout the semester through two sessional test, attendance etc. The internal & university assessment structure for theory & practical is as tabulated below.

Continuous Internal Evaluation (CIE)	Semester End Exam

Theory (20 Marks)			Practical (25 Marks)		Theory (80 Marks)		
Best of two sessional test	Assign ments	Attendance	Performance	Attendance	University Exam		
10	5	5	15	10	80		

The following steps are taken to make the process of internal assessment systematic, robust and transparent. The semester wise academic calendar which lists the schedule of internal assessment is displayed on all the notice boards and followed strictly. All the teachers prepare their course plan which includes course outcomes, learning activities, the components of assessments and schedule which is shared with the students within first week of the semester. The conduction of sessional test is done at the department level along with the setting of questions papers, seating arrangement, invigilation and result declaration on notice board. The tests papers are evaluated within three working days from the last date of examination and evaluated answer sheets are distributed among students for clarification and discussion in the class. The tests marks obtained by the students are also displayed on respective department notice board for their information. It makes the evaluation process transparent without any biasing. The results of all the components of internal assessment such as assignments, attendance & Sessional Test etc. are made available on the notice boards. If still there exists any grievance regarding the revision of the awarded grades/marks, student may appeal to HOD. Monthly attendance reports are prepared. The parents are informed about the performance in internal assessment and attendance of their wards frequently by telephonic communication. It is known to students that if they fail to complete any component of internal assessment under extraordinary circumstances such as the death of any family member, accident, and hospitalization, the teacher would arrange additional assignment for them. The performance of the students in the practical subjects is also evaluated on a continuous basis as mentioned above.

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

Response:

Institute has transparent mechanism for redressal of students grievances related to academic and non-academic matters and in all such matters directly affecting them, either individually or as a group, with an impartial and fair approach and to sort out various grievances of students judiciously. It also desires to promote and maintain a conducive and unprejudiced educational environment. The committee entertains both, written and oral complaints. The Committee addresses the grievances in a lead time of maximum six days or immediately based on priority and nature of the complaint and communicates to the concerned authority for a suitable action or a possible redress. The written complaints can be submitted to any of the

committee members. Students can also lodge the complaint to the class counselors if they are comfortable with them.

Mechanism to deal with Internal Exam related grievances

The tests papers are evaluated within three working days from the last date of examination and evaluated answer sheets are distributed among students for clarification and discussion in the class. The tests marks obtained by the students are also displayed on respective department notice board for their information. It makes the evaluation process transparent without any biasing. The results of all the components of internal assessment such as assignments, attendance & Sessional Test etc. are made available on the notice boards. If still there exists any grievance regarding the revision of the awarded grades/marks, student may appeal to HOD orally or by written.

Mechanism to deal with University Exam related grievances

After declaration of University results, the desirous student can get the photo copies of Answer books (University theory exams) from University, for redressal as per the procedure laid down by the University.

If the grievance is related to university examination then the students is asked to lodge the complaint/grievance to controller of exams of the university.

The student's application of the complaint/grievance is submitted by the college to the University after taking the remarks of class counselor, subject teacher, HOD and Principal. The mechanism for redressal is provided to the students, with a view to bring transparency and credibility in the University examination.

The student has to submit the prescribed application form to the confidential section of the University within fifteen days from the date of the declaration of general result of the relevant examination.

On receipt of photo copies of desired answer books, if the examinee is not satisfied with the marks awarded to him/her, he/she may apply for redressal to the University in the prescribed form within ten days from the prescribed date of the collection of photo copies.

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

Response:

Academic calendar at start of every semester is prepared by IQAC (Internal Quality Assurance Cell) at the beginning of semester apart from the data obtained from SGBAU Amravati University.

It consists the plan of all the academic activities such as working days, holidays, cultural events, University examination schedule, internal assessment tests schedule, technical, cultural and sports events, etc. The approved academic calendar is displayed on all the notice boards and institute website for the information of all the stakeholders. The calendar enables students to plan their activities during summer and winter vacations. According to the area of interest, specialization & expertise the subjects are distributed to the faculty members by HOD at the end of every semester. The Time table for all departments is prepared considering teaching load of each faculty member, well before the commencement of the semester and is

displayed on notice boards for all the students, staff and faculty members.

All the faculty members have to submit Course Action Plan for every theory subject which include description of student centric activities (In-class and out-of class activities) to enhance learning of the students, assessment methodology allotted hours, expected hours, required hours, expected hours and course outcomes. After approval from HOD these course plans are displayed to the students. All the faculty members also prepare lecture plans for the courses undertaken by them. All the departments follow the academic calendar meticulously. The assessment of the scheduled sessional tests is completed within three working days from the date of examination and the marks obtained by the students are displayed to them.

The dean academics along with the concerned HOD verifies the syllabus coverage against the lecture plan twice in a semester. Continuous evaluation of the project work of the final year students is carried out throughout the academic year. Orientation programme every year is organized for the first year students immediately after their admission to the college. The parent meeting is organized in each semester for the first year students to report their academic progress and to have one-to-one and direct interaction between parents & faculty members.

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:

The program outcomes (POs), Programme Specific Outcomes (PSOs) and course outcomes (COs) are clearly stated in each programme offered by the Institution. These COs, POs & PSOs are strictly followed by each department throughout academic year. The POs stands for what students are expected to know after successful completion of their Degree. It related to their skills, behavior, and Knowledge that students acquire from their respective programs offered by the Institution. The COs is defined as per syllabus. The students are expected to reveal their skills that they learn while pursuing their degrees. The COs is the learning outcomes that the students learn at the end of each Course.

The COs are prepared by the Faculty. The Course Objectives & Outcomes are conveyed to the Students by the respective Subject Faculty at the Commencement of each Semester. At the beginning of every course, the faculty member discusses the course outcomes in the classroom as well as in the laboratory. The Cos is clearly inculcated in them so that there will not be any hesitation in the minds of students to imbibe knowledge. POs, & COs are also displayed on notice boards of HOD cabin and every laboratory of the departments.

The vision and mission statements, POs and COs for all the courses are are kept available on the website of the institute and are displayed at prominent places and at various key points in the Institute.

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

Response:

It is evaluated by Direct way. In a direct way, the number of course Outcomes (COs) are kept equal to the number of units or topics given in the syllabus, which ensures one significant learning outcome corresponding to each topic. Attainments of COs are measured by direct methods.

The Direct attainments of COs are determined from the performances of students in Continuous Internal Evaluation (CIE). CIE is based on Two Sessional Tests and other components such as Assignments, Viva/oral etc.

When there is no attainment gap or attainment gap is negative, faculty member enhances the CO target when he/she offers the course next time. If the gap in attainment is found, faculty member is suggested to improve the teaching-learning process.

Direct Method

Evaluation of attainment of POs and PSOs is based on the mappings from COs to POs and PSOs. Strength of mapping is defined at three levels: Low (1), Medium (2) and Strong (3). The program level Course-PO matrix is prepared for all the courses.

2.6.3 Average pass percentage of Students

Response: 85.9

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

Response: 134

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

Response: 156

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:

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 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)

2017-18	2016-17	2015-16	2014-15	2013-14
00	00	00	00	00

File Description

Document

List of project and grant details

[View Document](#)

3.1.2 Percentage of teachers recognised as research guides at present

Response: 0

3.1.2.1 Number of teachers recognised as research guides

Response: 00

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

Response: 0

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

Response: 00

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

Response: 00

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:

SEC policy of encouraging students via project based learning is an innovative practice aimed at supporting ideas incubation during the period of their learning at the institute. One of such initiatives incubated at SEC by the students Mr. Sumit Bhandari has been finally evolved in the form of startup named "R. S. Bhandari Solar Energy Solutions" related Solar and is in existence as popular solution for providing solar services.

Entrepreneurship development being the most critical aspect of engineering program has been given due emphasis and focus at SEC. Under this initiative the SEC organizes number of value added programs supporting to Entrepreneurship skills development programs highly beneficial for the students. Few of these programs include Market Trending Technology, C and C++ training, AutoCAD Training, entrepreneurship programs etc.

SEC understands the importance of Industry and Institute interaction on continuous basis and hence to attain this objective the Institute has functionalized a number of MOUs with industries belonging to various sectors of Indian economy. Under these MOUs, it has been mutually agreed to provide 1. Internship/ Trainings 2. Visits 3. Practical Exposure to various facets of industrial functioning 4. Final year projects etc. The institute interacts with industry experts so as to ascertain the gaps in the curriculum and practice.

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

Response: 61

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

2017-18	2016-17	2015-16	2014-15	2013-14
18	12	14	10	07

File Description	Document
Report of the event	View 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
e- copies of the letters of awards	View Document

3.3.3 Number of Ph.D.s awarded per teacher during the last five years

Response: 0

3.3.3.1 How many Ph.Ds awarded within last five years

Response: 00

3.3.3.2 Number of teachers recognized as guides during the last five years

Response: 00

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document

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

Response: 1.5

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

2017-18	2016-17	2015-16	2014-15	2013-14
33	25	18	14	06

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

3.3.5 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: 0.84

3.3.5.1 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

2017-18	2016-17	2015-16	2014-15	2013-14
36	02	16	00	00

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:

The institute promotes neighbourhood network and student engagement in extension activities, contributing to good citizenship bearing high moral values, community service and holistic development of students. To sensitize students, Cultural and NSS Program management Committee plays pivotal role. The Faculty members of these committees introduce various activities to the students during induction program and ensure their participation throughout the academic year.

Institute arrange health check- up camp, blood donation camp, Pulse Polio Immunization program etc. in association with other institute and recognized bodies like Lady Hardy Hospital, Akola. Involvement in such service-learning activities helps students to become mature and socially responsible.

Students are motivated to participate in need based outreach activities, such as 'Swachh Bharat Abhiyan', campus cleaning, tree plantation, awareness programs about diseases like dengue, swine flu, AIDS etc. Participation in such activities imbibed the sense of national integrity, environmental and social responsibility among them.

Institute motivates students to participate in Young Aspirators Network activities. It provides a platform

to network and collaborate with youths which expose students to stand up for their rights and seek their personal and social development.

Table 3.4.1: Total Number of Extension activity In each year and Appreciation Letter

Year	Number Extension Activity	of Number of Appreciation Letter	of Number of Participated	of Student Number	Participate
2017-2018	13	7	543	27	
2016-2017	9	8	396	17	
2015-2016	8	6	403	18	
2014-2015	12	9	433	28	
2013-2014	5	5	362	11	

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

Response: 35

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

2017-18	2016-17	2015-16	2014-15	2013-14
07	08	06	09	05

File Description	Document
Number of awards for extension activities in last 5 years	View Document
e-copy of the award letters	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: 47

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

2017-18	2016-17	2015-16	2014-15	2013-14
13	09	08	12	05

File Description	Document
Reports of the event organized	View 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: 100

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

2017-18	2016-17	2015-16	2014-15	2013-14
574	412	438	456	389

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: 62

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

2017-18	2016-17	2015-16	2014-15	2013-14
23	16	11	09	03

File Description	Document
Number of Collaborative activities for research, faculty etc	View Document
Copies of collaboration	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: 23

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)

2017-18	2016-17	2015-16	2014-15	2013-14
04	07	06	05	01

File Description	Document
e-copies of the MoUs with institution/ industry/ corporate house	View 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:

The institute possesses a well-developed infrastructure meeting the requirements stated by AICTE and other statutory bodies to fulfill the need of all stakeholders. The entire campus is spread over 10.33 acres with built up area of 11601 Sq. m.

Key features of the Institute:

- Well-furnished, spacious, ventilated and illuminated class rooms, computer laboratories, tutorial rooms and other student support facilities as per AICTE requirements.
- Institute has sufficient classrooms for efficient teaching-learning process and majority of classrooms are equipped with ICT facilities.
- Central Seminar hall with ICT facility is available to conduct training programs, guest lectures, workshops, seminars, conferences, FDPs and other related activities.
- Training & Placement Cell has separate arrangements for placement drives, mock interviews, training programs, group discussions.
- High end computers with internet facility and centralized LAN connection. Separate computer center facility is provided for students to carry out project work, online exams and to fill examination forms online. Reading room in central library has been made wi-fi enabled.
- Language lab is available with advanced software with sufficient computers having requisite software installed to improve communication skills.
- Well-developed library, automated with Campus Technology ERP Software, with collection of books, journals, magazines, E-books etc. as per AICTE norms.
- Library also includes separate reading room, reference and digital section for accessing E-books, E-journals and online open source books.
- Canteen facility duly maintained with proper hygienic conditions is in place for students, faculty and staff.
- Support and safety facilities like continuous power backup, diesel generator, fire extinguishers, water coolers with water purifier, CCTVs at key locations are available.
- Institute has green landscaping with trees and plants etc.
- In-house housekeeping staff is appointed to maintain cleanliness in the campus.
- Separate girls and boys common rooms are available in the campus.
- Provision for Xerox center is made in campus.

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

Response:

The institute organizes sports and cultural event every year to promote the extra- curricular abilities of the students during Annual Festival known as "Sankalp".

- **Sports:** The institute has its own exclusive large playground for various outdoor games like Net Cricket, Volley ball, Kabaddi, Kho-Kho, etc. A dedicated room is allocated for indoor games like Table Tennis, Carom & Chess etc. Institute promotes the students to participate in Intercollegiate, Intra-collegiate, University, State and National level sports competition every year.
- **Cultural:** Members of Students' Council under the guidance of Principal organizes various cultural activities as per dates proposed in Academic Calendar. It provides the platform for students to show their talent in on-stage activities like Dance Singing, Fashion Show, Drama etc. Institute promotes the students to participate in Intercollegiate, Intra-collegiate, University, State and National level cultural competition every year. Institute has APJ Abdul Kalam Seminar Hall for in house cultural activities and temporary open auditorium is created at the time of annual event.

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: 15

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: 23.88

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

2017-18	2016-17	2015-16	2014-15	2013-14
16.98	4.11	33.88	44.05	101.93

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:

Institute library is automated with ERP Software, Purchased from Campus Technology, Bangalore. User can search the library collection by Title, Author, Publisher and Accession Number. The software is featured with the modules to facilitate all the essential functions of the library in a computerized environment.

- a. Acquisition
- b. Catalogue
- c. Circulation
- d. OPAC
- e. Serials controls
- f. Administration
- g. History
- h. Reports

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

Response:

Rare Books: Various rare books are made available to the students and faculty members by downloading/ providing access from website <http://www.rarebooksocietyofindia.org/> by RBSI (Rare Book Society of India) at digital section of the Central Library.

Competitive Books:- The library of the institute is well fortified by books helpful for the professional and competitive exams. Students refer these books and get benefitted for the preparation of the such examinations

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: 3.52

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

2017-18	2016-17	2015-16	2014-15	2013-14
2.75	4.11	3.37	4.055	3.31

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

4.2.6 Percentage per day usage of library by teachers and students

Response: 10.92

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

Response: 70

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

Institute provides computing facility with required configuration for computer system.

These are distributed among the various departments for academic and administrative work.

The institute has high speed internet of 50 Mbps to cater the need of academics as well as allied processes.

Key Features:

- Separate computer center, to facilitate internet access for all the students, staff and faculty members. This facility enables users to access meaningful information available online.
- Exclusive Language Laboratory having sufficient computers with software which

enable the students to learn life skills by improving pronunciations with proper accent which in turn helps them in overall personality development.

- E- Governance system by use of ERPs is implemented in Administration office, Library and for Academic Processes usable by faculty as well as students.
- LCD Projectors, Printers, Scanners, CCTV, Wi-Fi, LAN and Internet facility etc. are also available for effective teaching learning process.
- Digital section in Central Library with high speed internet connection helps the students and faculty to browse videos, e-journals, e-magazines, e-newspapers etc.

File Description	Document
Any additional information	View Document

4.3.2 Student - Computer ratio**Response:** 3.15**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
Any additional information	View Document

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)**Response:** No

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:** 6.64

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)

2017-18	2016-17	2015-16	2014-15	2013-14
11.77	17.93	12.88	6.02	6.41

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:

Laboratory :-

- 1.The laboratory equipment's are serviced and maintained by the equipment suppliers on annual maintenance contract basis.
- 2.There are also on call servicemen who attend the various requirements. Inspections of the instruments/equipment are carried out on regular basis.
- 3.Faculty in-charge of Lab and a laboratory assistant looks after the maintenance of respective laboratory.

Library :-

- 1.Faculty members of departments can borrow books from the Central Library, and students in their free time can make use of the books available in the Central Library.
- 2.All the books are accessioned accordingly by the serial number of accession number and classified subject wise and shelved in the rack according to call numbers regularly.

Building :-

- 1.For maintenance of the building and related facilities, number of committees work under the Administrative Office.

Computers :-

- 1.Internet: Internet related matter is maintained by a team of Technical assistants under the supervision of Head of Computer Science Department. They maintain the daily band width, usage, band width allocation, sharing etc.
- 2.All sensitive equipment's like computers/lab equipment are supplied power through online UPS and therefore, all these equipment are taken care of against voltage fluctuations etc.. Power back up facilities provided through 63 KV diesel generators.

Classroom :-

- 1.Seminar hall of the college is maintained by departmental attendant &

Technical Assistant at regular intervals.

1. Well-furnished class rooms are cleaned by peon every day.

Canteen :-

1. Canteen is located in the campus and is maintained by an external agency.

NAAC

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: 95.04

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

2017-18	2016-17	2015-16	2014-15	2013-14
574	412	433	409	337

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: 2.11

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

2017-18	2016-17	2015-16	2014-15	2013-14
12	11	11	8	6

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
Link to Institutional website	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: 61.88

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

2017-18	2016-17	2015-16	2014-15	2013-14
399	321	274	260	165

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

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

Response: 0

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

2017-18	2016-17	2015-16	2014-15	2013-14
00	00	00	00	00

File Description	Document
Details of the students benefitted by VET	View Document
Any additional information	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: 35.93

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

2017-18	2016-17	2015-16	2014-15	2013-14
59	52	14	19	11

File Description	Document
Self attested list of students placed	View 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:** 8.21**5.2.2.1 Number of outgoing students progressing to higher education****Response:** 11

File Description	Document
Upload supporting data for student/alumni	View 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:** 20**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**

2017-18	2016-17	2015-16	2014-15	2013-14
00	00	00	00	01

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

2017-18	2016-17	2015-16	2014-15	2013-14
00	00	00	00	01

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: 3

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

2017-18	2016-17	2015-16	2014-15	2013-14
00	03	00	00	00

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 student council for the academic year 2018-19 is constituted as per the provision of Section 40 (2) (b) of Maharashtra Universities Act 1994

STUDENT COUNCIL

Sr.No	Name of Person	Designation	Remark	
1	Dr. P. S. Jaruhar	Chairman	Head of Institute	
2	Prof. S. D. Kurhekar	Member	Teacher, Nominated by the Principal	
3	Prof. P. N. Mundhare	Member	NSS Program Officer	
4	Mr. S. T. Gaikwad (4th Civil)	GS	One student member from each class is nominated by the Principal based on the academic performance.	
5	Mr. R. R. Mudhalkar (4th ME)	Cultural Secretary		
6	Mr. S. M. Rathod (2nd EE)	Sport Secretary		
7	Mr. M. S. Bajad (3rd CSE)	NSS Representative		
8	Ku. N. S. Vairagade (2nd CSE)	Member		

9	Ku. M. K. Pahare (3rd CSE)	Member	
10	Mr. G. R. Payghan (2nd ME)	Member	
11	Ku. M. S. Talnikar (3rd ME)	Member	
12	Mr. A. B. Sharma (4th CSE)	Member	
13	Mr. H. M. Rathod (3rd EE)	Member	
14	Mr. D. S. Dube (4th EE)	Member	
15	Mr. Y. V. Khodke (2nd Civil)	Member	
16	Mr. D. V. Gawande(3rd Civil)	Member	
17	Mr. T. S. Joshi (1st yr)	Member	
18	Ku. G. R. Kondane (4th EXTC)	Member	
19	Prof. V. M. Joshi	Member	Director of Sports & Physical Edu
20	Ku. A. Pande (4th CSE)	Member	Two Lady Students, Nominated by
21	Ku. S. Ukhalkar (3rd Civil)	Member	

NAAC

The students are the real stake holders of the institute. The students have active involvement in the institute in the form of various academic and administrative committees such as

1. Anti-Ragging Committee
2. NSS Committee
3. Committee for Minority
4. Committee for OBC

5. Committee for SC/ST

6. Internal Complaint Committee

7. Women Grievance Committee

8. Students Council

For the transparent mechanism students play a vital role in the Internal Complaint Committee (ICC) which is constituted in the institute as per the AICTE regulations-2016, Section 4 provision. The student's representative in this committee redresses the grievances related to examination, gender, sexual harassment, etc.

In addition to this, Student Associations are active in every department. For the development of the students every department conducts different activities such as Industrial Visit, Seminar, Guest Lectures, etc. In order to develop the Technical aspects & to provide the platform for the recent development in technology institute organizes the different types of competitions with the help of students which includes Poster Competition, Paper Presentation, Project & Model Exhibition, etc. As the co-curricular activities play a major role in the overall development of the students, the institute also organizes the Annual Cultural Event – SANKALP in which the participations & involvement of the students are praiseworthy. The Planning, management and conduction of all the above mentioned events is done by the students in respective committees. The students prepared the basic plan for the successful organization of the events which is finalized by the approval of departmental staff followed by the HOD & Principal of the institute.

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

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

Response: 4.8

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

2017-18	2016-17	2015-16	2014-15	2013-14
5	5	5	5	4

File Description	Document
Report of the event	View 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 financial & Non-financial contribution of ex-students of the institutes actually reflects the students love & bonding towards the institute. From such involvement it is possible to analyse the excellence of the institute. The remarks from alumina of the college are a good scale to determine the development of the institute. If the institute is doing well for the students for their overall development then only it can be possible to receive the good feedback from the alumni of the institute. Many times the affection & love of alumni of institute is realized when they actually visit the institute at the time of alumina meet & share their experiences & knowledge with the current students of the institute. Even alumni can form the bonding with the students by staying connected with the college community & also by availing the social & industrial opportunities to the students. Till date five batches are passed out from the institute so that the number of alumni is somewhat less. The alumni association of the institute is registered in Academic year-2018-19 but before that also the alumni association of the institute was actively involved in the institute. The association has the official members with Principal as the Vice-President.

Every year SEC alumni association conducted one meeting to meet interact & share their knowledge with the students & staff of college which are working in different fields. The feedback provided by the alumni is useful for providing the necessary assistance to the students. Institute gives priority to conduct the various programs in the institute based on the suggestion of alumni. Also alumni working in different industries & companies guide the students about the scope and vacancies in respective branches/fields. The alumni of the institute also provide the consistent supports in department level activities. Current students get good career guidance from the Alumni during their visit to the institute. SEC alumni association is planning to establish scholarship funds to help the needy and deserving students. The different courses & training program, career guidance, placements, industrial lectures, guest lectures, are organized in the institute from support of the alumni. The feedback and guidance about quality improvement, infrastructural development and curriculum improvement is taken from the alumni during every alumni meet.

File Description	Document
Any additional information	View Document
Link for 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
Any additional information	View Document
Alumni association audited statements	View Document

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years**Response: 3****5.4.3.1 Number of Alumni Association /Chapters meetings held year-wise during the last five years**

2017-18	2016-17	2015-16	2014-15	2013-14
01	01	01	00	00

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years	View Document
Any additional information	View Document
Report of the event	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:

Vision

To provide technical education in socio–Economically backward rural region, to serve as previous resource for development of nation through Excellence in Technical education & research.

Mission

To impart revolutionary development in socio economic field of rural , tribal & backward region by educating student professionally & technically to face social challenges by providing them international quality education at an affordable cost.

The vision and mission of the institute have been developed with the active participation of all Faculty and guidance from experts of various fields. The institute aims at becoming renowned institute of student's choice with courses aligned with recent development and need of society. The institute follows ethical practices and encourages Indian culture and value system. The institute is also committed for rural Youth development and woman empowerment.

The management including Hon. Trustees, College development Committee, the Principal, academic dean, Head of Department (HOD) and faculties are involved in design and implementation of quality policy and plans.

The resolutions related to policies and plans, made during meetings of College development Committee (CDC) are communicated to the HODs through the Principal. The minutes of these meetings are briefed to faculties and staff by respective Head of Department in regular department meetings. Action plan for department based on Academic Calendar, Vision, Mission of the institute and the departments, Co-curricular and Extracurricular Activities are prepared by Head of Departments and committee in-charges in consultation with the Principal.

File Description	Document
Link for Additional Information	View Document

6.1.2 The institution practices decentralization and participative management

Response:

The management provides academic leadership to the faculty in various ways. The Principal and Head of departments are authorized to carry out the staff selection process and shortlisted candidates are recommended to the management for new appointments.

The Principal and the Head of Departments can propose the laboratory requirements and Recommend the purchasing of equipment to the management for final approval.

Head of the Department is empowered to allocate specific subjects to appropriate faculty for the betterment of students and to get quality results.

Apart from the academic workload the Head of the Department can also assign few administrative duties to the individual faculty based on the ability and the leadership qualities of the individuals.

Head of Departments can frame strategies for maintaining discipline & attendance, conducting events like seminars/workshops, guest lectures, industrial visits and training programs.

Every faculty is given complete freedom to decide the suitable teaching methodology of his/her choice by understanding the time frame and evaluation mechanism.

Faculty is given freedom to carry out higher education including post-graduation and Doctorate.

They can recommend books to library.

The management encourages the faculty members to work on various key positions of University committees.

The members of various committees are authorized to take independent decisions for its effective functioning.

Case Study**The Annual Technical Fest – Horizon**

The Annual Intercollegiate technical fest Horizon is organized every year . The technical programs like project & Model exhibition, paper presentation, Poster Presentation, Robo war & Robo Race, Lan Gaming etc. are the gist of this event.

The event is conducted in a systematic manner & Proper Planning as follows:

- Initially Horizon Faculty and student coordinator are appointed.
- HODs appoint departmental faculty and students coordinators.
- A joint meeting is held for fixing committees and their responsibilities
- Various committees are formed for Publicity and Media, Food, Hospitality and Inauguration, Registration, Prize Distribution under the faculty coordinator.
- Each committee is usually headed by a faculty member and supported by student volunteers.

- The Principal conducts the meeting of all these members prior to event and issue the guidelines regarding the smooth conduction of the program.
- On successful completion of program the Institute appreciates concerned students and faculties coordinators. In case of highly commendable efforts put in by faculties or students actively involved in execution are felicitated.
- After Completion of Event, Review meeting with students and faculty coordinators is conducted to know difficulties, problems faced in organizing the event.
- Their suggestions are solicited for improvements in future implementation.

Outcomes:

Such events gives exposure to work in a team and to work as team leader. Accept real life challenges and complete them in coordination with other members in stipulated time. This eventually increases smartness amongst the students to face challenges in life.

6.2 Strategy Development and Deployment

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

Response:

Institution has perspective plan where following areas are considered as key area:

- To introduce new program.
- To get permanent affiliation
- To get NAAC Accreditation
- To get NBA Accreditation
- To sign MOUs with different industries Infrastructure Development Construction of additional building
- To establish the recognized research centre
- To establish innovative labs Teaching, Learning and Evaluation Outcome based teaching learning process
- To increase the level of engagement in research among academic staff, researcher's student and quality of research to build the strength and capacity of research base.
- To build capacity among students of teacher education and liberal arts as the next generation of educators and professionals to apply research.

1. Title of Activity

National Conference on Recent Development in Science, Engineering and Technology.

2. Goal

- Best platforms for academics, researchers & professional to share research result, items & practical experience.
- Participants have the opportunity to connect with experts from all around the region & thus become a part of a unique scientific community.
- Gives an opportunity to easily publish the article in renowned journal.

3. The context

In 2015 institution started the research activity NCRMC 2015 (National Conference on Recent Trends in Mobile and Cloud Computing) conference belongs to vision and mission of institution to provide a framework for research and development. It reflects the areas of interest, expertise and the current research output profile of academic staff as well as need of college. NCRMC 2015 has developed into a reputable conference. The conference is well attended by experts in all aspects related to computing and information from over the entire world. The Conference is technically supported by IJCA (International Journal of Computer Application) and IJERA (International Journal of Engineering Research and Applications).

The analysis of NCRMC 2015 conference taken place in 2015 which shows participants rapidly increases. Management noticed NCRMC 2015 activity and improvement in researcher. They decided to conduct conference again. So the Sanmati Engineering College has conducted RDSET (Recent Development in Science, Engineering and technology) activity in 2018 to foster research & recent development in the science, engineering and technology.

Management sanctioned amount for conferences and provided financial support to faculty to improvement in researchers.

4. Evidence of success

This activity completed successfully with the help of National Technical committee chair persons & National scientific committee chair persons. Number of participants is increases year by year. So Management is planning to conduct RDSET in every academic year and support faculty as well as researchers student for their research work.

File Description	Document
Strategic Plan and deployment documents on the website	View Document
Link for Additional Information	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:

Local Managing Committee (College Development Committee) is the apex governing body of the institute

headed by the President of the Trust for policy making and budget approval.

The institutional decisions are made by the Principal in the consultation with management.

The Dean Academics, HODs and various committee/cell in-charges are directed by the Principal.

The institute has constituted committees as per the norms and also additional committees for internal coordination and monitoring of the activities.

Recruitment procedure and policies are followed as per AICTE/ University/ Director of Technical Education, Government of Maharashtra rules and regulations.

The Principal and Head of Departments are authorized to carry out Faculty selection process as per the norms and shortlisted candidates are recommended to the management.

Promotion and service policies are followed as per AICTE/UGC norms.

Faculties are motivated to attend training programs, seminars and workshops at other reputed institutes.

Grievance Redressal mechanism for faculty, staff and students is as given below:

- Grievance Redressal Committee is formed at the institute level to address the grievances/complaints received from students and staff members.
- The categorization of the grievances is done by the said committee and after proper analysis the
- Committee recommends the corrective measures. These are forwarded to Principal and are implemented by administrative authority to resolve the issues.
- Any complaints arising at department level are resolved by the respective head of departments. If needed, in some cases, the matter may also be referred to the Principal for his guidance.
- A separate Women Grievance Cell and Anti-Ragging cell is also constituted to address any specific complaints.

The various institutional level committees formed for the smooth functioning are listed as follows:

1. Internal Quality Assurance Cell (IQAC)
2. Anti-Ragging Committee
3. Committee for SC/ST
4. Women Grievance Cell/Women Internal Complaint Committee/Women Development Cell
5. Grievance Redressal Committee
6. Training and Placement Cell
7. Students Council
8. Library Committee

9. Admission Committee
10. Cultural and Sports Committee
11. Extension Activity Cell
12. Alumni Association
13. Canteen Committee
14. Minority Committee
15. Committee for OBC

The feedback is collected by the established mechanism from various stakeholders periodically.

The feedback is analyzed and a summary of this feedback is made by Head of the Department and the same is forwarded to the Principal and IQAC. It is then forwarded by the Principal to management for review.

File Description	Document
Any 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
Any additional information	View Document

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

Response:

One example of the activity successfully implemented through the coordination of committees is given below.

Activity: Formation of Alumni Association

Meeting of Local Management Committee on 01/06/2015.

First batch of the Sanmati Engineering College has passed out in the year 2014. In the meeting of all the HODs and Principal with LMC conducted on **01/06/2015**, it was decided to form Alumni Association in the campus.

Agenda of the meeting:

1. Formation of Alumni Association.
2. Collection of alumni information

Implementation of resolutions:

1. Alumni association was formed consisting of faculty members and alumni on **01/06/2015**, as per decision held in the meeting on **01/06/2015**.
2. All the members of association were requested to gather the information of the alumni.

Meeting of Alumni Association on 03/08/2015.

Agenda-

1. For collecting personal information of all final year students from all departments.
2. To enhance, modernize, upgrade the existing facilities at the Engineering College and also to improve and upgrade quality of education as per requirement of industry and society with the help of previous batches students.
3. Discussion on name of Alumni Association formed.

Implementation of Resolutions-

1. After discussion with alumni committee, they thought that to enhance, modernize, upgrade the existing facilities at the Engineering college and also to improve and upgrade quality of education as per requirement of industry and society with the help of previous batch students.
2. After discussion Collecting personal information of all final year students from all departments for communication and interaction purpose for getting updated and current information from this students.
3. The discussion about the name of Alumni Association was held in the meeting and all the present members finalized the name as 'Sanmati Engineering College Alumni Association (SECAA)' through consensus.

Meeting of Alumni Association on 12-08-2018.**Agenda of the meeting:**

1. Proposal for registration of SEC Alumni Association
2. Organizing Alumni meet

Implementation of resolutions:

1. It was decided to register the SECAA under Society Registration Act 1860. The required preparation for applying towards registration process was done.
2. It was decided to organize Alumni meet on **23/02/2019**. The Alumni Meet was successfully organized on **23/02/2019** where in total 11 Alumni members were present.

Meeting of IQAC on 15/10/2018**Agenda of the meeting:**

1. One of the agenda of IQAC meeting held on **15/10/2018** was on framing the by-laws for SECAA.

Implementation of resolutions:

1. The discussion on framing the by-laws for SECAA was held in the meeting and accordingly by-laws were drafted. The process of registration was immediately initiated and Sanmati Engineering College Alumni Association was registered (No.Washim/226/2018) on 17 November 2018.

6.3 Faculty Empowerment Strategies

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

Response:

Institute implements following welfare measure for faculty and non-teaching staff.

Faculty:

- Motivates and deputed faculty for pursuing higher education.
- Encouragement for the faculty for attending workshops, conferences, seminars, short term courses and faculty development program.
- Encourages the faculty to become members of professional bodies and to participate in the activities organized by them.
- Encourages the faculty to undergo industrial training and visit the industry of their domain.
- Encourages the faculty to receive research grants for their projects and provides support.
- Promotes and motivates the faculty to use the ICT tools in their teaching-learning process.
- Encourages the faculty for publication of research papers in reputed Journals/conferences.

Non-Teaching Staff

- Institute organizes training programs as per the need for skill development of non-teaching staff.
- They are encouraged to participate in the organization of technical events.

The other welfare provisions made for both faculty and staff as described as below:

1. Provident Fund.
2. Leaves (Casual, Earned, Medical, Vacation) as per University norms.
3. Maternity leaves for female faculty and staff.
4. Group Insurance Scheme.

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: 22.56

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

2017-18	2016-17	2015-16	2014-15	2013-14
26	15	19	10	04

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: 3.2

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

2017-18	2016-17	2015-16	2014-15	2013-14
06	04	03	02	01

File Description	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: 13.15

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

2017-18	2016-17	2015-16	2014-15	2013-14
19	12	13	00	00

File Description	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:

Annually Performance appraisal reports are filled at the end of the academic year.

Performance appraisal filled in by the heads of the department and Section in-charge is analyzed with respect to the parameters specified Appraisal forms are submitted and assessed annually. This appraisal period is normally defined by the date of joining of the staff members in the institute. These appraisal forms consist of various parameters supposed to be carried over by individual staff during the appraisal period, according to their roles and positions in the institutional and self progress. It is mandatory for all the teaching staff to submit the self-assessed report at the end of each academic year to respective Head of the Department (HOD).

Performance Based Appraisal System for Teaching Staff

The process of appraisal is as follows-

1. The employee fills appraisal form each year and submits to the concerned hod or immediate superior.
2. After viewing the details filled by the employee the hod, if agrees to the information filled, puts his remark and forwards to the Principal.
3. The Principal after receipt of the form calls the employee personally for the discussion and discusses on his/her strengths and weaknesses and qualities with which he/she is rendering the services. Finally takes decision on performance.
4. Based on the recommendations/adverse remark of the Principal, the Office Order is issued to the concerned staff member accordingly. If the performance of the staff is not up to the mark the Head of department issues the warning notice/Memorandum. The institute offers enough time periods for the improvement of the performance to such employees. If the employee receives more than three notices or memorandums in one appraisal period, he/she is recommended for the administrative action as per the rules.

Performance Based Appraisal System for Non-Teaching Staff

Assessment of performance appraisal of non-teaching staff is done by respective HOD/section In-charge with final endorsement of Admin office and Principal. It is mandatory for all the staff to submit the information in the structured format for the assessment. The assessment of the non-teaching staff is done on the basis of their performance in different parameters.

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

The budget estimates and audited statements are prepared regularly. The internal and external audits are carried out to ensure effective and efficient use of financial resources. The internal and external audit also takes care about justified quantity of purchases and the reasonability of the rates. There is a proper allocation and utilization of the annual budget.

Institution Internal Audit

Internal financial audit is the continuous process and accountant mainly handles it. Internal audit is carried out annually. During the internal audit, the auditors may give few suggestions related to some of the finance and stock-related records, giving opportunity to the institute to address and rectify the same before external financial audit.

Institution External Audit

Every year a group of external auditors comprising a team of chartered accountants perform the auditing of the institute's financial records, and other books/accounting heads as per guidelines of the income tax department. For external audit, Management has appointed Chartered Accountant S. P. L. J and Associates, Nagpur who takes care about external audit at the end of every financial year. S. P. L. J and Associates, Nagpur conducts the external audit, and prepares the balance sheet, and income-expenditure statement. The expenditure on various heads is finalized by him. The duly audited balance-sheet is made available to the institute by him on completion of external audit.

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: 3.64

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

2017-18	2016-17	2015-16	2014-15	2013-14
2.32	0.00	0.58	0.00	0.74

File Description	Document
Details of Funds / Grants received from non-government bodies during the last five years	View Document
Any additional information	View Document

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

Response:

The institute is self-financing and the main source of the income is tuition fees and the development fees. As per the annual requirement, budget estimate is prepared by accountant in consultation with the Principal, considering previous year's actual expenditure and the expenditure which is likely to be incurred on future plans. The budget estimates so prepared are submitted to the governing body of the institute. The proposed budget estimates are finalized in the meetings of the governing body. Deficit, compared to the availability of funds, if any, is taken care by the management through bank loans.

The process for funds mobilization policy is given below:

- Institute detailed budget.
- Institutional receipt (Tuition and Development fee as per FRA) are properly deposited and utilized for institute's salary and non-salary expenditure. This complete process is monitored by the accountant.

As per the requirements of HODs, central library, stores and student support and infrastructure facilities, quotations are invited from the suppliers/dealers/contractors. The principal in consultation with concerned, records his recommendations on the comparative statement and the requirements of the funds. The accountant forwards the comparative statement through the Principal along with his recommendations to the management. After confirmation of the vendor by the management, order is placed upon the respective vendor through management office.

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 an internal quality assurance cell (IQAC) and restore time to time. It has been established on 2017. It is headed by the principal and all HOD'S are the members. It also consist some external experts as members. The sole objectives and aim of this committee is to improve the overall quality of academic and administrative functioning and activities of institute in accordance with vision and mission

The function of the IQAC is:

- Review the results.
- Suggest correction in the system.
- Suggest development activities.
- Review research and development activities.
- Continuous evaluation of academic performance.
- Check on staff and professional skills of students.

Two examples of best practices institutionalized as a result of IQAC initiative are as follows

Practice 1: ICT based courses using Campus technology Software (kahan Technologies)

IQAC introduced the use of Learning Management System i.e. Campus technology in the institute to enhance the learning activities. The importance of ICT based teaching-learning was focused by IQAC. It played crucial role in implementing the use of Campus technology by motivating faculty and students. The faculty members offered the ICT blended courses to the students to have significant learning outcomes. It was useful to conduct online tests, assignments and to monitor the performance of the students. It also provided an interactive forum to students and faculty for sharing ideas, learning resources and clearing doubts of the students.

Practice 2: Feedback system

Teaching and learning process of institutes is assessed by the feedback system. The feedbacks of the students are taken at different stages. Format of the feedback is prepared by heads of department in consultation with the academic dean and gets approved in IQAC. Various feedbacks are collected viz. Alumni Feedback, Parents feedback, and student's feedback on curriculum, teacher's feedback on curriculum and consolidated, analysed by each department. The observations and action taken are processes through IQAC.

File Description	Document
Link for Additional Information	View Document

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:

Continuous development is attempted through IQAC at periodic intervals. It is responsible for directing, developing, providing and implementing guidelines to review curricular, instructional, teaching and learning materials. Latest teaching aids, techniques, activities, assessment tools and methodologies are used to enhance overall functioning to achieve goals of the Institute.

Two examples of institutional reviews and implementation of teaching learning reforms are outlined below:

1. Academic Monitoring System

Institute has system of monitoring of academic activities periodically. Number of lectures conducted by faculty members is monitored monthly and at the end of semester. Number of defaulter students is fortnightly monitored and makeup lectures are conducted for defaulter students. This resulted in substantial reduction in the number of defaulter students. The faculty members strictly concerns about the presents of the students, as a result of it increase in the attendance of the students and those student are absents faculty members informs their parents, as a result of it increase in the attendance of the students. Institute always in contact with the parents of the student through parents meets are arranged at regular interval. Internal examination and student feedback for teaching are also taken regularly. Some of the samples chats are attached.

2. Teaching – Learning Process (TLP)

The college believes strongly that the best approach to teaching and learning quality is to provide freedom for teachers and students to undertake self-motivated improvement activities with the goal of continuous improvement in their performance.

The college has taken many initiatives to bring the improvement in the quality in teaching-learning process.

Teaching and learning support: including initiatives targeting the teachers (i.e. Teaching), the students (i.e. learning). Examples include continuing education for faculty, pedagogy enhancement, student support (e.g. mentoring and career advice), support for student learning (focused on inputs, such as the introduction of new pedagogical tools, or on outputs, such as the development of certain abilities for the students). These initiatives make the teacher to identify benchmarks, promote good practices and scale them up across to meets teacher and student expectations. A quality teaching framework allows the institution to monitor support, track teacher and student satisfaction, and study the impact on the learning process.

The methodologies of teaching – learning include the complete follow up of university exam schemes, academic calendar of university and college, smart class room teaching, industrial visits, internship of students, etc. These methodologies built up good academic career of the student.

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

Response: 1.2

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

2017-18	2016-17	2015-16	2014-15	2013-14
06	00	00	00	00

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	View Document
Any additional information	View Document
IQAC link	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
e-copies of the accreditations and certifications	View 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 institute is established in year 2009-10 in a rural area Sanmati Engineering College is institute has made significant progress and got recognition for providing quality education in a short span of time. The college has taken many quality initiatives in the domain of both academic and administration. Some improvement initiatives taken in the preceding five years are listed below.

1. **IQAC:-** In IQAC cell is established in 2017 with the objective to work consistently towards quality enhancement and sustenance of the entire institute also for measure to enhance quality of the academic programmers.
2. **Journal:-** The institute is publishing an online Journal on Research in Science and Engineering in International Journal of Computer Applications (IJCA) & International Journal of Engineering Research and Application(IJERA) since 2015.
3. **National level Technical Event:-** In year 2013-14, the institute has decided to organize a national level Sanklap & Horizon event for the student in every year in which various technical and cultural events/competitions are conducted. This practice of conducting national level event offers an opportunity to the students to show their talent and ideas. Students are awarded participation certificates, which would be of immense value during placements or promotions.
4. **National level conference:-** The institute has started organizing a national level conference every year since 2015-16. It provided the platform for the faculty and students for sharing their ideas on recent trends in the field of engineering through interactions. It also encouraged the faculty members to carry out research.
5. **MOUs:-** The College has active associations with many industries and institutes through MOUs during last five years.
6. **Appraisal System:-** Performance based self-appraisal system for teaching & nonteaching staffs are implemented since year 2018.
7. **Alumni association:-** Formation of Alumni Association has led to arranging in-plant training, career guidance, recruitment, guest lectures, and industry visits for the Students. Also increased interaction between the alumni and present students of the institute. It also supported. Recently, in 2015 first alumni meet was organized in the campus.
8. **Soft Skill Development Program:-** Since the institute is located in a rural area, the enrolled students lack in communication and other soft skills. Therefore, this institute started conducting soft skill development programme for all the students by external professional consultants. This programme led to the improvement in the overall personality development of the students which subsequently enhanced their placement.
9. **Value Added Courses:-** A Value Added Courses are offered from external agencies and college level courses to all the students.
10. **Feedback system:** In academic year 2014-15 the practice of taking feedback from all the stakeholders has been initiated from last five years.

The following are the incremental growth for the institution are as follows:

Details		2013-14	2014-15	2015-16	2016-17	
Students	Intake	300	396	396	356	
	Admissions	213	226	285	143	
	Number of students benefited by scholarships & freeships by Government Schemes	337	409	433	412	
	Number of students benefited by scholarships & freeships by Institute	06	08	11	11	

	Schemes					
	Students benefited by guidance for competitive examination & career counseling	165	260	274	321	
	Total Number of students	389	456	438	412	
	Average Participation of students on various value added programs	50	68	69	71	
	Placements	11	19	14	52	
Faculty	Faculty Sanctioned post	60	66	72	52	
	Faculty Filled post	43	42	49	47	
	Number Faculty with PhD	1	1	0	0	
	Participation of faculty in various bodies	08	10	16	22	
	FDP for faculty organized by institute	01	02	03	04	
	FDP attended by faculty outside the institute	00	00	13	12	
Research and Development	No. of Research Paper in Journals	06	14	18	25	
	Papers in National / International conference	00	00	16	02	
MOUs	Count	01	05	07	07	
Extension Activities	Number of Extension and outreach programs	05	12	08	09	
	Number of Awards and Recognition	0	0	0	0	

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: 26

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

2017-18	2016-17	2015-16	2014-15	2013-14
05	06	05	05	05

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:

1) SAFETY AND SECURITY

A. Fire Safety:-

College has a good provision for fire safety which includes 12 ABC TYPE (6KG) fire extinguishers Installed within the campus. 1 CO2 type fire Extinguisher near electrical panel room, fire bucket with sand in corridors. Proper care is being taken for fire safety with time to time refilling of fire extinguishers

B. Electrical safety:-

Electrical safety audit is carried out by external agency "TCS-ION" an agency of "Tata Consultancy services" as they are conducting online Exams of various government agencies at our center. An expert Electrical safety engineer from TCS visit college and conducts a safety audit in regular intervals.

C. Security:-

24*7 security guards are appointed in colleges. 2 guards in morning and 2 at the night. CCTV cameras are installed in our college campus, corridors, classrooms library and is monitored by authority. Id card is compulsory for every person entering the campus and it is checked by the security guards.

D. Exit points: - there are for exit points in case of any electrical hazard, fire hazard or any other hazardous situations.

2) COUNSELLING

Student counseling is done in our institute under teacher guardian scheme (TGS). Around 10 students are allotted to every teaching faculty member. Faculty reaches out to these students and counsels them in every aspect and difficulty.

Especially for girl students there is a “Women Grievance cell “which helps girls about their problems which they face while studying in institute. Complaint box are placed on each floor for complaints. These boxes are opened time to time for resolving the problems of students. Focus is taken over that the maximum participation of girls in all the programs conducted in institute.

3) GIRLS & BOYS COMMON ROOM

Seperate girls & boys common room is available in the institute. It includes arrangement of table & chairs. Here girls & boys can discuss their personal issues and also can have lunch. A sanitary pad vending machine is also installed in girls common room.

7.1.3 Alternate Energy initiatives such as:**1. Percentage of annual power requirement of the Institution met by the renewable energy sources****Response:** 9.33**7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)****Response:** 3.5**7.1.3.2 Total annual power requirement (in KWH)****Response:** 37.5

File Description	Document
Details of power requirement of the Institution met by renewable energy sources	View Document
Any additional information	View Document

7.1.4 Percentage of annual lighting power requirements met through LED bulbs**Response:** 29.45**7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)****Response:** 2.054**7.1.4.2 Annual lighting power requirement (in KWH)**

Response: 6.974

File Description	Document
Details of lighting power requirements met through LED bulbs	View Document
Any additional information	View Document

7.1.5 Waste Management steps including:

- **Solid waste management**
- **Liquid waste management**
- **E-waste management**

Response:**1. SOLID WASTE MANAGEMENT**

Dustbins with name plates and slogan for Swatch Bharat Abhiyan with symbol are being placed in campus. Paper scraps and old news papers are given to scrap vendors who make them recycle.

One side blank scrap pages of good quality are sorted out and are reused for printing notes. Question papers etc.

College canteen has separate dust bins for biodegradable waste and non-degradable waste. Canteen area has a dumping pit where the biodegradable waste is dumped properly and is converted into compost which is used as manure for garden plants.

Dust bins are also placed in washrooms, common rooms.

2. LIQUID WASTE MANAGEMENT

A proper drainage system is being implemented in the institute. Waste water from urinal, washrooms is drained through closed pipes into a closed septic tank with a gas exhaust.

Chemistry lab water outlet is drained into a separate chamber. Here the chemical containing water produced by chemical reaction is neutralized for PH maintenance

Canteen waste water is drained to a pit of size of around 1.82 m³.

3. E-WASTE

E-waste obtained from scrap electronics equipments in electronics lab and computer lab is sell to scrap vendor who recycle if possible or dispose it. Special care is taken as E-waste contains heavy metals like cadmium, lead, mercury etc.

We have a hardware lab in computer dept. for demonstration of these electronics devices like damaged

CUP, Ram, processors, motherboards, printers, scanners etc.

Batteries of solar plant are recycled with the help of dealer and scrap batteries are disposed by authorized dealer.

7.1.6 Rain water harvesting structures and utilization in the campus

Response:

Rain Water Harvesting: The terrace water of the college building is collected and arrangement has been made to harvest and percolate this water within the campus. The arrangement is made to harvest rain water in the institute building. All the rain water falling on the slab of the building is collected and made to store in a tank. The store water is used for building construction and for trees or garden. one big tank is also constructed behind the computer engineering department which is filled by pebbles, gravel and sand, all the water from the rain which are felled on workshop roof are collected in this tank.

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:

Green Practices:-

Green practices are adopted in the institution. Few Students and staff of the institute use two-wheeler, four wheeler, particular parking is available for both vehicles. Without permission any other vehicles are not entered into the college campus and main gate is available in front of college. For transportation Auto rickshaws, privet buses, Pedestrian Friendly Roads are available.

Plastic free campus:-

Yes. Use of plastic is restricted in campus and all the waste plastic wrappers found in the campus are properly collected and disposed off. The banners and boards are stick at the wall of college related to no use of plastic. Dustbins are available at outer side of respective department for following the rule of plastic free college.

Paperless office:-

Attempt is being made to make office paperless. Most of the notifications are circulated through what's

app groups, emails etc. It has been made mandatory across the Institution to use the paper optimally for Xerox and other purposes. Papers already having printed material on one side are reused for internal communication and notification purpose. Care should be taken while there is no use of papers, protection of animals from papers.

Green landscaping with trees and plants:-

The College campus is totally eco-friendly. The tree plantation drive is organized every year by the students and staff of various departments to make the campus lush green. Every building in the campus is surrounded by trees and lawns. The college has a landscape consultant (Gardening Officer) Garden supervisors / gardeners a comprehensive set of garden equipments.

The campus has all the variety of fully grown trees such as Neem, Saptaparni, Gulmoar, Rose flower Garden in front of college, college also surrounded by many other flower trees etc. The campus has huge state of the art completely developed and maintains campus surrounded by the trees. Some thoughts are on the board related with trees are hanging in each gardening area. Compound is available around the trees. Every year Tree plantation program is organised and planted so many trees in college campus.

Use of Solar Panel: -

Hybrid Renewable energy generation i.e. solar panels are available in college premises. That saves the electricity. Solar Energy utilization is happens in college campus for saving of electricity. Solar energy contribution is for saving the college load electricity. Which plays important role in Green Practices & Capacity of Solar panel is 3.5 KW.

Use of LED:-

Utilization of LED in college campus which is also the great green initiative of our college. Which is having capacity for College Total Lighting Requirement is 6974 W (100%).Percentage lighting through LED bulbs is available with 2054 W (29.45%). Tandoor tiles are uses in college campus.

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

Response: 0.87

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)

2017-18	2016-17	2015-16	2014-15	2013-14
1.72	1.27	1.42	1.12	1.49

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

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

Response: 33

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

2017-18	2016-17	2015-16	2014-15	2013-14
13	04	06	03	07

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: 23

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

2017-18	2016-17	2015-16	2014-15	2013-14
11	02	04	01	05

File Description	Document
Report of the event	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
Any additional information	View 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
Any additional information	View 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: Yes

File Description	Document
Provide link to Courses on Human Values and professional ethics on Institutional website	View Document

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: 25

7.1.17.1 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 year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
07	04	06	04	04

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:

Our students are on a mission towards better India by breaking the boundaries of religion and caste. Thoughts of great Indian personalities sowed into the young minds through the exhibitions and programs conducted on these days. The institution practices pluralist approach towards all religion functions and encourages the students and faculty to showcase the same. Every year our institute organizes the national festivals and birth / death anniversaries of the great Indian personalities. Staff and students get to know the importance of national integrity in the country in general and their role in it in particular. The Institution strongly believes that unless the present generation of youth are not sensitized about the significance of the festivals of our secular country and the sacrifices which great men and women of this country have made for uplifting their countrymen the students will not be able to understand their responsibility to the nation. The unity which India has in its diversity that serves as the melting pot of cultures, religion, and ethnicity and develops qualities of tolerance and understanding amongst students. Sanmati college of Engineering organizes various activities on the occasion of national festivals and birth or death anniversaries of the great Indian personalities. Institute usually celebrates Gandhi Jayanti, Teachers Day, Engineers Day, etc. Every year institute plans & organizes national festivals like Independence Day, Republic Day, and many more. **26th January Republic Day-** Republic Day is celebrated on January 26 to commemorate the adoption of constitution. On this day, various formal events including flag-hoisting and march-past are organized. By organizing such type of events institute does its share to immersed patriotism and awareness to next generation. **15th August Independence day-** It is celebrated every year in institution. It is a grand event marked with the flag hosting by the Chief Guest. **5 th September(Dr.Sarvpalli RadhaKrishnan Birth Anniversary)-** On 5th September, we celebrate Dr. Radhakrishnan's birthday as Teacher's Day with great fervour. The students organize a programme for the teachers and the Guru-Shishya parampara is celebrated. **2 nd October Mahatma Gandhi Birth Anniversary.-** A standout amongst the most mainstream events in India and Gandhi Jayanti is praised in our Institute on 2nd October of consistently to stamp the birth commemoration of Mahatma Gandhi. Gandhi was additionally famously known as the Father of our Nation, Bapu or basically Mahatma. The day is announced as a national occasion and all institutes and workplaces are closed on this celebration. The standards of truth, peacefulness and trustworthiness are recalled and generally plugged among the students of the institute.

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

Response:

Institute believes in transparency in all academic, administrative as well as financial activities:

Financial Transparency

The Institution is self-financed and the fee is decided as per the guidelines of Fee Regulatory Authority (FRA), Government of Maharashtra. Institute accepts the fees from the students through various modes like DD, cheques, Account transfer etc.

The institution conducts statutory audit from external auditor at the end of the financial year. A report of external auditor along with audited balance sheet, income and expenditure accounts are available for reference as per government rules.

Administrative Transparency

The functioning of the institute operates at four different levels such as Student, Faculty, Deans and Principal. The institute has constituted committees as per the norms and also additional committees for internal coordination and monitoring of the activities. Students are representing the committees related to academic and student support. The SEC ensures administrative transparency by way of active participation of its all the stakeholders.

Academic Transparency

Entire curriculum and examinations are conducted as per rules of SGBA, University. Internal assessment is done by way of sessional exams, assignments, classroom involvement etc. and is shared with students.

Auxiliary Functions

The SEC implements the transparent procedure to eradicate any kind of defects observed voluntarily or involuntarily in any of its financial, academic and administrative functions through feedback mechanism.

7.2 Best Practices

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

Response:

Best Practice I

1. Title of Practice

Proctorial System

2. Goal

The proctorial system assigns a faculty member to every student; the faculty member is called the proctor for the student.

- To provide the parents of the student a single window source of information about their children and enrich the interaction which is essential for the academic ambience embellished with a human touch.
- To enable the student to look to his proctor as a patriarchal/ matriarchal figure, guide and philosopher.
- To bring in a sense of accountability of the student.
- To provide the fresher a sense of Security, bonhomie, elderly guidance, mentoring and in the process remove the feeling of distance from Home.
- To closely monitor the student's progress in terms of his attendance, punctuality, performance and learning capabilities -as part of the curricular requirements.
- To help identify, outside the curricular requirements, the student's habitual deviations, attitudinal aberrations, utilization of facilities and associative growth of personal attributes.

3. The context

The institution implements a Proctorial system under which each faculty is assigned the responsibility of 20 students. Academic and personal counselling for the students are effectively carried out by the proctor in regular intervals. The parents are also being taken into confidence are being informed regarding the continuous improvement of their wards. The proctorial system is a proven and a successful system meant for personal counselling of the students. It is basically a system that takes care of the well-being of the student with respect to both academic and non-academic issues. In short, proctorial system is a mutually beneficial relationship that offers support, guidance, assistance and contributes to the development of capable individuals. The proctorial system is relatively new in general to a student entering the institute. The students do take some time to familiarize and feel more comfortable with their proctors and most importantly develop confidence in them. The students meet their proctors to consult with them regarding the courses to take and to guide them through the registration process. The students then meet their proctors before every internal assessment to update them on their progress in every course; the students also see their proctors after the internal assessments to discuss about their performance and about the scope for improvement next time and the steps to be taken to achieve the same. The students might also choose to meet their proctors more regularly for advice regarding matters which may be extra- or co-curricular or otherwise. In addition, the proctor might also choose to see any student with more regularity when their academic performance concerns the proctor.

4. The practice

- A proctor is a personal mentor and counsellor for a student during the duration of stay at the institute.
- A proctor represents a parent away from home for a student, and is the first point of reference for the activities of a student during the complete course of study at the institute.
- As soon as a student enters into the institute, a faculty member is assigned to take over the role of a

proctor for the student.

- The proctor not only guides the student in academic matters but also any matter of concern for the student.
- The student seeks the advice of the proctor at every step of their course of study beginning from the registration for courses at the start of every semester.
- The students meet their proctors regularly. However, depending on the need the proctor conducts more meetings with their students and their parents.
- The proctor educates the student about the various course requirements, such as the mandated minimum and maximum course load every semester, and how to choose electives.
- The proctor helps the student channel their interests and energies effectively during the complete course of study at the institute.
- The students meet their proctors for various reasons; some students would like extra help with the material in a course and are shy to approach a new instructor assigned to the course; few might be facing problems adjusting to the new environment may be in the hostel or at

other places around the institute; some others would like to know about their options of availing various resources at the institute and participating in various extra-curricular activities like group students would like to know about their options for going through internships during the break or even the benefits of the same; few might want to do some minor project work or participate in various competitions in addition to their courses; some other might want to know their options after graduation and how to figure out where they would fit in better.

- At times the students might just need someone who can give them personal time and attention by listening to their struggles in transitioning from high school to a higher education environment and finally in becoming a constructive member of society.
- Engineering education is in English language and since most of the students from rural areas either speaks their native language or Hindi, but not English. This result in lack of their interest in study so special attention is provided towards these students through proctorial system.
- Most of the students are from rural areas and are economically poor. The parents who cannot afford the total tuition fees at a time or within prescribed period. In such cases the students are allowed to pay the fees in installment as per their convenience.

5. Evidence of success

The most important evidence of success for the proctorial system is from the testimonials of the end-users.

- The students and their parents have been very happy with the proctorial system.

- Generally, for the complete duration of the course of study of a student any one faculty member has been effective in assuming the role of a proctor.
- The behaviour of the students on the campus in general has witnessed a tremendous improvement and the students are much happier and contended with their course of study at the institute after the implementation of the proctorial system.
- The pass percentage and the average academic performance of the students have also achieved greater heights with the proctorial system.
- Some students have presented themselves as quite a challenge for their proctors, but they figure out their priorities and start performing better after counselling sessions with their proctors.
- The students have been at most risk during their initial stages in the course of study.
- The transition from a high school environment to a higher education set-up proves to be too sudden for some students.
- The proctorial system has addressed the needs of the students and effectively nurtured many students during the duration of its implementation.

6. Problems encountered and resources required

- Some students have required a great deal of time and effort from their proctors but have shined after. However, the depression that a small percentage of students went through was too critical for us to handle. We are planning to establish a centre with professional counsellors.
- Adjusting academic schedule to accommodate this activity.
- Despite our best efforts in the effective implementation of the proctorial system, there are still a small percentage of students who discontinue their course of study at the institute.

Best Practice II

1. Title of Practice

Social Welfare through extension activities

2. Goal

The Extension Work Program with its specific mandate to work for the less privileged sections of the society and our efforts are to extend social awareness programs that will enhance and improve the quality of life. Social and Field Outreach activities always work to encourage people to improve their conditions in all dimensions of their lives. In addition to the academic activities, the institute is making enormous efforts for all -round development of the students and peoples. The objectives are:

- To make the people aware of the social problems in the community.

- To enhance the overall personality development of people and students in all spheres of life.
- To bring out hidden talents of students by providing opportunities..
- To provide ample opportunities for welfare of people.
- To inculcate self reliance and boost the confidence among people and students for their all-round development.

3.The Context

The students of the Institute are strongly sensitized towards the social problems, outcomes of these initiatives can be observed in number of student's participation in each extension activities. The students of the Institute are sensitized through societal activities conducted using the platform of National Service Scheme (NSS). Having congenial attitude towards society is moral responsibility of an engineer that is achievable by exposure through active participation in various extension activities. The students are trained to support in rural areas through participation in various programs in villages. Due to this extension activities so many villagers get inspire about the social work.

4.The Practice

The following extension activities are conducted in various villages.

- Water Conservation and Rainwater Harvesting Awareness Program.
- Rural Development Program
- Village Cleanliness Program
- Tree Plantation Program
- Beti Bachao Beti Padhao
- Blood Donation Camp
- Swachh Bharat Abhiyan
- Harmful Effect of Cigarettes, Gutkha, Drugs & Other Intoxicants on Human Body
- Harmful Effect of Junk Food on Human Health
- General Health Camp
- Effect of Poor Sanitation and Drinking impure Water
- Water Sanitation and Hygiene Awareness Program
- Environment Protection & Tree Plantation
- Awareness Program on World Tuberculosis Day
- Village Cleanliness Program

5.Evidence of Success

- The people in village understand the importance of Rain water harvesting through the awareness programs. Rainwater harvesting can be a great educational tool to get people to recognize their individual or household water usage. This can get them to start conserving water in other areas around their home.
- Due to village cleanness programs people are aware of cleanness.
- Students and peoples understand the importance of donating blood.
- People understand the importance of planting trees since; trees provide us with the life giving oxygen. Without the presence of oxygen the survival of living beings is not possible. Planting trees is also essential because they have the power to absorb the harmful gases.
- The programs like "Beti bachao Beti padhao" increases awareness of people about gender equity.

- Swachh Bharat Mission program should not be linked only to cleanliness and hygiene but it has larger objective of putting India in the League of Nations working towards technological development for future also peoples realize importance of cleanness.
- Many people suffer and even die of diseases caused by unhealthy practices of personal and environmental hygiene. Since the people understand this causes with the help of programs like “Water sanitation and Hygiene awareness program”.

6. Problems encountered and Resources Required

- Extra working hours/days to schedule the programs.
- Number of women's was less as compare to Men for the social programs.
- The college overcame these problems by the co-operation of staff and students by providing suitable slots and staying beyond the working hours, if required.

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:

7.1.3 Institutional Distinctiveness

Work in Rural zone: - Institution particularly of its vision and need to satisfy the necessities of the provincial region populace who are financially in reverse as far as instructive offices particularly in remote towns of Washim District. Our organization provides the technical knowledge inside the compass of the least fortunate of poor people. The establishment chiefly tries to concentrate on the scholastically splendid understudies from non-urban foundations who are scare by the difference in social issues, generally speaking identity advancement of the understudies alongside the scholarly perfection.

Maharashtra Health and Technical Common Entrance Test mindfulness Program: - Institute lead the mindfulness program in various towns in washim region, we give all the information with respect to CET test, our personnel direct the Test on CET prospectus additionally we inspire Students living in rustic region to show up for CET examination.

Specialized Awareness program in rural territory: - Institute leads the different specialized projects at various towns. The workforce of different divisions take the specialized program, for example, Electrical Awareness program (Electrical Engineering Department), Agriculture Workshop (Mechanical Engineering Department), Computer Literacy Program (Computer Engineering Department), Rain Water Harvesting (Civil Engineering Department).

Exceptional Scholarship: - Institute gives the Special scholarship to poor and penniless understudy at college level. The goal of the plan is to give financial support related to the praiseworthy understudies having family income is less.

Online Examination Centre: - Sanmati Engineering College is just a single online test focus in washim region. Different government examinations are led in our foundations.

NAAC

5. CONCLUSION

Additional Information :

The preparation of SSR required the formation of a steering committee comprising of IQAC coordinator, assisting IQAC coordinator, Dean Academics, Heads of all departments and the entire dynamic and devoted faculty members. The steering committee provided directions, conducted critical reviews for the SSR to take its final shape. The entire work of preparation of SSR involved tireless work of faculty advisors, criteria in-charges, assisting faculty, supporting staff and NAAC coordinators of all departments. This report is the outcome of the collective efforts of the entire campus community.

Concluding Remarks :

The very establishment of Sanmati Engineering College is in furtherance of enhancing the access to higher technical education in predominantly rural areas of Washim District with equal emphasis on equity. The college had set out with the creation of excellent infrastructure, faculty and introduced two courses P G in 2014-15 with all necessary statutory approvals from the respective bodies. While taking care of regular instruction and day to day functioning, the college has adopted a visionary development strategy for long term growth and planned progress in terms of academics, research, and extension, deep social, national and environmental commitments.

This strategy of active involvement of the significant stakeholders in the system is showing positive results.

The Self Study Report for the first cycle of accreditation of National Assessment and Accreditation Council (NAAC) for Sanmati Engineering College, Washim is an important and valuable document which has been prepared with utmost care and honesty to the best of our knowledge and belief. This report is prepared according to the instructions laid down by NAAC. The Self Study report prepared by the Institute reflects the spot-on academic tenets and ethos of the Institute. This accreditation process will provide us an opportunity to know our strengths and weaknesses and to implement the suggestions given by the NAAC peer team.

The institute is awaiting for the NAAC Peer Team visit and its valuable suggestions to our institution for the first cycle of accreditation.