



YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	SKN SINHGAD INSTITUTE OF TECHNOLOGY AND SCIENCE
• Name of the Head of the institution	Dr.Milind Shivaji Rohokale
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02114467393
• Mobile No:	9552569863
• Registered e-mail	principal.sknsits@sinhgad.edu
• Alternate e-mail	naac.sknsits@sinhgad.edu
• Address	Gat No 309,Off pune-Mumbai Express way , Kusgaon (BK) , Lonavala
• City/Town	Lonavala
• State/UT	Maharashtra
• Pin Code	410401
2.Institutional status	
• Type of Institution	Co-education
• Location	Rural

• Financial Status	Self-financing				
• Name of the Affiliating University	Savitribai Phule Pune University, Pune - 411007				
• Name of the IQAC Coordinator	Prof.Namdev Krishna Gavade				
• Phone No.	02114673239				
• Alternate phone No.	02114673243				
• Mobile	9764355860				
• IQAC e-mail address	aqar.sknsits@sinhgad.edu				
• Alternate e-mail address	naac.sknsits@sinhgad.edu				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://drive.google.com/file/d/1wXLUx08VzeBi3VvgPIe3j2hvlbu26tQB/view				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://drive.google.com/file/d/1eTb2mGY7yWOa9RuEPulmwidfFNRjxyV /view				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.1	2017	30/10/2017	29/10/2022
6.Date of Establishment of IQAC			10/08/2016		
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
NIL	NIL	NIL	2020-2021	0	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of			View File		

IQAC		
9.No. of IQAC meetings held during the year	4	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
1) Use of Learning management software 2) Organized Training to improve placement 3) Improved Internship 4) Organized Webinar and Conference 5) Implemented Honor Courses		
12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year		
Plan of Action	Achievements/Outcomes	
Nil	Nil	
Nil	Nil	
Nil	Nil	
Nil	Nil	
Nil	Nil	
13.Whether the AQAR was placed before statutory body?	Yes	
<ul style="list-style-type: none"> Name of the statutory body 		

Name	Date of meeting(s)
IQAC Committee	16/07/2020

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2020	24/12/2021

Extended Profile**1. Programme**

1.1	5
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2. Student

2.1	953
Number of students during the year	

File Description	Documents
Data Template	View File

2.2	443
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	311
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic	
3.1	70
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	59
Number of Sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	19
Total number of Classrooms and Seminar halls	
4.2	205.99
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	310
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

STES's SKN Sinhgad Institute of Technology & Science, Lonavala (SKNSITS) is affiliated to the Savitribai Phule Pune University (SPPU), Pune. The institute follows the curriculum designed by respective Boards of Studies (BOS) with inputs from various stakeholders. Faculty members participate and contribute to the curriculum design during the workshops and syllabus orientations conducted by the University. In line with the curriculum, the Course Education Objectives (CEOs) and Course Outcomes (COs) are prepared by the faculties of the respective course. The institute's academic

calendar is prepared in line with the academic calendar of the University. Each department prepares academic calendar in line with institute's academic calendar. The institute strictly implements the same. The department allocates subjects to teachers and prepare time table. The teachers prepare the course file and delivery content before the commencement of teaching. The teaching/practical plan is prepared by the individual and conducted lectures/ practicals accordingly. All students are encouraged to take up academic projects in collaboration with industries. The students are given a choice to choose elective subjects in the final year. Feedbacks from the stakeholders received through formal and informal mechanisms are used to design and enrich the curriculum. The Institute has a formal mechanism to obtain feedback from students and other stakeholders like Alumni, Parents, Industry and faculty. It has a well-designed feedback form with defined criteria to get feedback from each category of stakeholder. Unit tests, prelim examinations are conducted and mid-term submission is taken for continuous assessment of students. Based on unit tests performance week students are identified. For such students remedial classes are conducted and extra assignments are given along with important question bank. The curriculum is also enriched by designing Value Added Programmes (VAP) and Student Training Programmes (STP). Additionally, various certificate courses are conducted for the professional development of the students. Participation in seminars, workshops, conferences, webinars and various technical activities, enhance the student's academic progress. PBL (Project Based Learning) is done by picking up a (small/mini) project individually or in small groups in the respective field/areas under the guidance of faculty allocated to developing skills like team work and applying knowledge, etc. Lab Innovation is done by students for any innovation or improvement done on any of the current apparatus or instruments or even source code in the lab. The aim of Lab Innovation is to achieve effective learning by undertaking small projects with reference to the labs of the department. It helps to developing skills like team work, writing skills, presentation skills, etc. The industry-institute interaction is encouraged through Industry Institute Interaction Cell (IIIC). The curriculum is designed and enriched so as to have the holistic development of the students.

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

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

The institute's academic calendar is prepared at the beginning of each semester in line with the academic calendar of the University. Each department prepares academic calendar in line with institute's academic calendar. The institute strictly implements the same. It consists of various curricular, extra and co-curricular activities. The calendar is uploaded on college website, displayed on notice boards. It is updated and revised with respect to any changes suggested by the university. All the classes and examinations are planned as per the calendar, thus ensuring complete adherence.

Continuous Internal Evaluation (CIE) is done in accordance with following activities as per Academic Calendar

- Classes and Lab time-table - Time table Coordinator of each department prepares the time table as per the guidelines of affiliating university for the number of credit hours for each subject and the academic calendar prior to the start of the semester. Time-table is uploaded on the college website and displayed on notice boards of every department and also communicated through student WhatsApp groups.
- Course files and Lecture Plan- After the allocation of subjects to faculty, course file of each subject is prepared consisting of detailed teaching plan. It also contains the assignments to be given to students. This course file is duly approved by the Head of the department.
- Internal Examinations- The dates of UT1, UT2 and Prelim Exams are mentioned in the academic calendar. Detailed Examination schedule is announced in advance, by Exam CEO & respective HODs. Exam sheets are checked and marks are displayed on notice boards. In case of labs and projects, mid-term submission is taken, internal viva and mock practical exams are conducted by respective departments before the university examinations.
- Question Paper Setting- The question paper of internal exams is prepared by concerned faculties.
- Exam sheets evaluation- The answer sheets are checked in each department by respective faculties to ensure transparent and unbiased evaluation.
- Assignments - In addition to the tests, assignments are also the part of Continuous Internal Evaluation. Assignments are provided to students on the completion of every unit and solutions are submitted by students specified days. Every teacher conducts regular class tests consisting of MCQs/theory

questions on the related topic for practice and revision with the help of Google forms/Microsoft forms.

- **University Exams-** The tentative dates for university exams are indicated in the academic calendar. The final university exam schedule is also displayed on students' notice boards.
- **Student feedback -** During each academic session students submit their feedback for each subject through online feedback system.
- **Academic Monitoring-** Each Head of the Department monitors report of course coverage (Syllabus completion), student attendance (displayed at the end of every month) and results of internal examinations (UT-I, UT-II) of every subject. Remedial classes are conducted for weak students.
- **Amendments-** In case of unseen conditions, academic calendar is modified and revised as per the instructions of Principal of the Institute only.

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

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.

B. Any 3 of the above

Academic council/BoS of Affiliating University
Setting of question papers for UG/PG programs
Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
Assessment /evaluation process of the affiliating University

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

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented**1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented**

05

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

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

15

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

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

889

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

889

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

Our Institution integrates Cross-cutting issues of the society like Moral Values, Human Values, Professional Ethics, Ethical Values, Gender Equality, Environmental Awareness, which are inseparable part of our curriculum.

The college has Women Grievance Cell and Grievance Redressal Cell to provide counseling to students, promote gender equity among students and also deal with related issues of safety and security of female students, staff and faculty. The college campus is secured with CCTV and high level security. There are separate Boys & Girls hostel (In-campus) for providing the safe environment to all students.

Audit courses like Water Supply and Treatment, Environmental Studies, Green and unconventional studies are included in curriculum. Faculty makes students aware about the basic components of environment and their application in various fields. Institute organizes various activities like tree plantation, public awareness with the help of students. E.g. blood donation camps, importance of hygiene and individual responsibilities regarding the same, etc.

As per the Government of Maharashtra and DTE norms institute follows reservation policy for Girls students. Anti Ragging committee has been displayed on notice board and at various places like canteen, hostel etc. Complaint from student regarding Canteen, Hostel facility, institute properly discuss and resolve with mutually agreed solutions. To match with today's need for fast and accurate information, institute provide access to fast internet to students. Student's inputs and complaint regarding same are properly studied and addressed. Institute also follows Earn and Learn Scheme.

As an integral part of student engagement in social activities during their programme of study, college also asks the students to enroll as NSS Volunteers. It aims at inculcating values, ethics and socially responsible qualities. Students organize street plays, awareness campaigns, camps etc.

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

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

10

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	View File
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

486

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

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution

A. All of the above

from the following stakeholders Students
Teachers Employers Alumni

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

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

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

File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	http://cms.sinhgad.edu/sinhgad_engineering_institutes/sknsits_lonavala/feedback-on-curriculum.aspx

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

1170

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

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

168

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

It is a well-known fact that in every year diversified students from different backgrounds join the institute. The ability of learning of the students is highly influenced by their social and economic background as well as their personal abilities and other attributes. The institute has developed a structured mechanism for assessing the learning levels of the students and continuously monitors the same for improving their academic as well as overall performance.

The Institute identifies the special educational/learning needs of advanced learners through -

Students are made aware of the subjects and their pre-requisites by the faculty members. Student's feedbacks, discretion and recommendation of respective subject teaching faculty, identification by external agencies/trainers, the suggestion by respective TG and the result analysis.

The needs of such advanced learners are fulfilled through the following measures,

- Special efforts by subject teachers in extra hours.
- VAP, based on the student's choice.
- Assistance for higher studies like GATE.
- The inclusion of such students in technical forums like, IEEE, SAE, IETE, Microsoft Club, Google Groups, etc.
- Arrangement of Industrial Visit.
- Provision of internship for special hands-on experience at industry

- Allotment of industry-sponsored/supported projects.
- ST

For Slow learner (Identification)

- HSC/ CET Score / SSC Results
- Each department conducts regular tests (unit and prelim, mock exams) & in TG meetings through which needs of weak students are identified.
- Also, results of mid-semester exams help to get information about students who are running the risk of being a dropout.
- The result analysis is done for the examinations conducted by SPPU to identify weak students.
- The mentoring system is implemented in which each teacher is assigned a batch of students with whom they regularly interact. From this interaction, Institute gets information and identifies slow learners and their needs.
- Slow learner and academically weak students -
 - Additional classes.
 - Counselling through TG.
 - Practical - extra practices.
 - Provision of learning material, e.g. videos, PPT, animations, etc.
 - Soft Skills
 - STP

File Description	Documents
Link for additional Information	Nil
Upload any additional information	View File

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

Number of Students	Number of Teachers
953	70

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

In addition to the traditional teaching-learning methods, the institute is providing innovative student centric methods such as experimental and participative learning such as -

1. Hackathons
2. Internship
3. Clubs/ IEEE/Civil services/Entrepreneur
4. Students Chapter
5. IEEE
6. Industrial Visits
7. Techtonic
8. Workshops /Seminars
9. Virtual Lab
10. Review web literature
11. Invited Talks
12. GD/ debate
13. Peer learning groups
14. IIT spoken tutorials, NPTEL, STP
15. Project- based learning
16. Collaborative laboratories
17. Research projects - Innovation/Avishkar/BCUD/etc.
18. Poster/paper presentation

List of experiential learning -

1. Hackathons
2. Internship
3. Clubs/ Civil services/Entrepreneur
4. Students Chapter(ISTE)
5. Industrial Visits
6. Virtual Lab
7. Activities under Collaborative laboratories/MoUs/

List of Participative learning activities -

1. Techtonic
2. Workshops /Seminars
3. Invited Talks
4. GD/ debate
5. Peer learning groups
6. IIT spoken tutorials, NPTEL, STP

List of Problem solving activities -

1. Project- based learning
2. Research projects - Innovation/Avishkar/BCUD/etc.
3. Poster/paper presentation
4. Industry Sponsored projects

File Description	Documents
Upload any additional information	View File
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Institute has adequate infrastructure such as ICT-enabled classrooms, state of the art laboratories, workshops, seminar halls, tutorial rooms, etc as per the AICTE norms and for the effective transaction of the curriculum. The laboratories are upgraded and equipped with modern equipment, machinery, computer hardware and software required for both academic and research activities. All the departments of the Institute have adequate computing facility both regarding hardware and software. ICT facilities of the Institute are upgraded periodically. Appropriate provisions are made in the annual budget for purchasing, upgrading and maintenance of the ICT infrastructure. For effective teaching learning process all classrooms are equipped with LCD Projectors and LCD Screens. The classrooms are also facilitated with LAN. The institute premise is equipped with Wi-Fi connectivity.

Institute has Learning Management System: Microsoft Teams for conducting Online classes. Institute has FTP server where all NPTEL Videos, data, files and softwares are stored, which can be accessed anywhere within the campus. Further more Institute motivates students for completing online courses. Institute has NPTEL, SWYAM Institute Chapter. Also Institute has Virtual Lab Institute Chapter of COEP, Pune. Students are encouraged to perform practicals using Virtual Lab.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	Nil

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

2.3.3.1 - Number of mentors

41

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

2.4 - Teacher Profile and Quality

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

70

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

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

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

07

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers

70

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

2.5 - Evaluation Process and Reforms

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

Academic calendar: As per the curriculum circulated by SPPU, all the departments prepare the academic calendars to cope-up with the cutting edge technology consisting of following activities -

- o Theory and Practical Sessions
- o Unit Test, Prelim Exams and Mocks
- o Mid Term submission
- o Remedial classes

Class tests: Regular unit wise class tests are planned and carried out for all the students. Retests are also conducted as scope for improvement if necessary.

? Prelim examination: Prelim Examinations are conducted to summarise

and conclude the T-L-P of the entire semester. It helps the students as mock of end semester university examinations.

? Mock practical and oral examination: To help students to face real-time external examination conducted by University, a mock session is carried for every subject to improve the performance and hence results.

? Assignments: Regular assignments after the completion of every unit are given to monitor the understanding of content delivery.

? Project presentation and evaluation schedule: Committee is constituted to evaluate the project performance of students in completing their project work time to time and to avoid difficulties if any.

? Mock on-line examinations: To enable the students with a realistic environment of university web based digital online examination, respective internal online mock examinations are planned and conducted.

? Continuous assessment: The assessment of the academic progress of the students is on a continuous basis, the internal term work marks are allotted based on parameters like attendance, understanding and journal write up. SPPU online, practical, oral, term-work examination planning: These examinations are planned and conducted as per the dates and schedule provided by respective subject chairman and competent authorities of University.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

The continuous evaluation of students is carried out by faculty regarding theory lectures, labs, assignments, unit tests, prelim exam, etc. The term work is allotted based on defined strategies further displayed on notice board. Query if any is discussed with faculty and HOD. Issues of fewer term work marks were complained due to lack of attendance, which was rectified at the departmental level after necessary corrections.

The Institute appoints a Senior Supervisor who controls all the online/ theory examinations, displays schedules, instructs to the students for smooth conduction of examinations of SPPU. If students are facing any problems, they are solved by the College Examination Officer (CEO) appointed by the SPPU. The grievances during the conduction of online/theory examinations are considered and discussed in consultation with the Principal and if necessary forwarded to the SPPU by examination section.

The Institute has established a seprate Examination Section where a full time Exam cleark and CEO are working for conducting examinations and solving grievances related to exams with in stipulated time period.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	https://drive.google.com/file/d/1tfJHbK5kP4pLuhrr0W4ASuM2yI15p34R/view?usp=sharing

2.6 - Student Performance and Learning Outcomes

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

- The institute has well defined learning outcomes and follows outcome oriented teaching learning process.
- Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) have been formulated for all the UG programs.
- Program Outcomes (POs) represent the graduate attributes adopted by National Board of Accreditation.
- Program Specific Outcomes (PSOs) are specifically defined outcomes of the Program which the graduates have to acquire by the end of the Program.
- Program Outcomes (POs), Program Specific Outcomes (PSOs) of

all the UG have been disseminated to the stake holders via Display Media (Department Corridors Notice Board). It is discussed by faculty in the classrooms. Also, COs are available in course file.

- Course Outcomes (COs) are statements that describe essential learning that students should achieve, and can reliably demonstrate it at the end of a course. The Course (learning) outcomes define the knowledge, skills and behavior that a student should be able to demonstrate.
- University specifies the semester wise syllabus for each program.
- Course Outcomes (COs), Program Specific Outcomes (PSOs), Program Outcomes (POs) of some courses are provided by the University in the syllabus. The Institute is following the COs as specified by the University for particular courses. These COs are discussed and finalized in the Board of Studies (BoS) of the respective Programs.
- For every course, 4 to 6 COs as recommended by SPPU are drafted addressing most of the applicable levels of Blooms Taxonomy incorporating knowledge, skill and attitude.
- These COs are modified and reframed, in accordance with the changes in Curriculum and revised as per the need from time to time.
- In addition to the above, there is a continuous thrust given by the subject to make the students aware about the outcomes of any course and convince them to understand the importance of an outcome-based evaluation system.
- Course Exit Survey for students is conducted at the end of each course by the faculty members to understand attainment of COs.
- Graduate Exit Survey for Passout students is conducted at the end of the programme by the Institute to understand attainment of POs.
- Alumni Feedback for Alumni is conducted during Alumni meeting organized by the Institute to understand satisfaction level of programme.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all courses (exemplars from Glossary)	View File

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

- **Response:** The process of assessing the attainment of Course Outcomes (COs), Program Outcomes (POs), Program Specific Outcomes (PSOs) begins with framing Course Outcomes. CO Attainment is calculated based on the performance of students in the assessment tools such as Continuous Internal Evaluation which includes Assignments, Internal exams as Unit Tests and Prelim examination, mock and the In-Semester, End Semester Examinations. Questions given in the various assessment tools are mapped to corresponding COs. and indicated in the question paper.
- CO Attainment of each course is computed.
- The total CO attainment is computed considering the performance of the students in the Continuous internal evaluation, SPPU results and course end survey duly giving weightage to these parameters.
- Process used for assessing the attainment of program outcomes, program specific outcomes is as follows PO & PSO attainment computation is done using two assessment tools.

1. Direct Assessment Tools:

- Assignments, Internal Examinations, In-sem exam, End-Sem Examination, Mock and continuous assessment.

The COs are mapped to the POs and PSOs (on the scale of 1 to 3). CO

attainments and the mappings are used for computation of PO & PSO attainment.

2. Indirect Assessment Tools

- Surveys - Course exit survey, Graduate Exit Survey, stake holders feedback.

The questions mentioned in the surveys are mapped to the POs and PSOs (on the scale of 1 to 3).

The responses and the mappings are used for the indirect computation of PO & PSO attainment.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://docs.google.com/spreadsheets/d/17HxXh042G4HrujcYk-g1vHp2ewcALbKa/edit#gid=1598043342

2.6.3 - Pass percentage of Students during the year

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

311

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

<https://docs.google.com/forms/d/18ZatZdqUvXW3yd5kAzmGyRVIOMZFxLJQjLrvSkfGmnw/viewanalytics>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

00

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

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

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

00

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

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

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

15

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

3.2 - Research Publications and Awards

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

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

21

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

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

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

16

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

3.3 - Extension Activities

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

All the extension activities in the institute are carried out under

the banner of NSS. The Institute has unit of NSS under SPPU with 100 volunteers. Every year, this unit organizes different regular activities. These activities are either for the benefit and awareness of neighborhood community or related with some of the social issues. The holistic development of students is achieved through these activities. Here is brief explanation of the activities that are being carried out since last five years.

Every year, 21st June is celebrated as International Yoga Day. It was organized online mode on 21st June 2020 by NSS Unit and student welfare team. Principal Dr. M.S Rohokale, HODs of respective departments, teaching - non teaching staff members and students of different departments participated in the event.

The event was organized online mode; everyone enthusiastically participated in this activity. Mr. Sandhu sir and one student from Sinhgad Public School, Lonavala addressed the importance of Yoga in our daily life for better health and fitness. He taught different ASANAs of Yoga, Surya Namaskar and Pranayam very nicely and appreciated everyone present there for their participation. This event was helpful for students and staff members for getting awareness about the actual impact of Yoga and correct way of practicing it.

Every year, 31st October, birth anniversary of Sardar Vallabhbhai Patel, is observed as National Unity Day. On this occasion online oath of unity is taken by all the volunteers and attendee. This is helping students to understand the importance of unity and integrity.

Constitution day is celebrated on 26th Nov 2020 to make students aware of constitution of India. It helps students to become a good citizen of India in their future life.

SKNSITS NSS in collaboration with Sanjivani -Life beyond cancer, organized webinar on cancer prevention and healthy lifestyle dated 13th Oct 2020.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1nS1RXcCpGSH0XrbBIESS5m1mUWiEc8UZ/view?usp=sharing
Upload any additional information	No File Uploaded

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

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

02

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

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

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

05

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

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

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

413

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

3.4 - Collaboration

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

118

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

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

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

05

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The development and quality education of the institute depends not only on the excellent technical staff but it also requires good infrastructure and related facilities which should be unique and specific. These facilities increase the reputation of the institute, and create the healthy environment amongst staff and students.

The institution has excellent infrastructure required for effective teaching-learning process, co-curricular and extra-curricular activities. The infrastructure has adequate facilities to fulfil the norms laid down by the AICTE, DTE and SPPU. The available facilities are enhanced by addressing the needs of students and faculties to support Research and Development activities in college campus. The classrooms and seminar halls have LCD projector, Internet connectivity, well finished furniture, ventilation, and luminance. Laboratories are regularly maintained and updated. The Charts and models are displayed in the laboratories as per prescribed in university curriculum and for better understanding of theory and practical concepts. Laboratories are equipped with state-of-the-art machines/equipment, open source and latest proprietary software's etc. Institute is a Nodal centre for virtual lab(VLNC) under COEP. Also, for conduction of seminars/workshops/conferences, the campus has a Corporate Training Centre (CTC).

For Internet access and computing purpose, the institute has network of 310 computers with 50 Mbps bandwidth. Centralized firewall is used to monitor the usage of Internet by individuals. All computers are connected by LAN and Internet.

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

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

The institute has Amphitheater, gym hall and cultural room for cultural events such as Spandan, Sinhgad Karandak, Kojagiri, Dandia Night & Holi Celebration. The students and cultural committees are actively involved in organizing the above events. A separate budget is allocated by the institute for organization of various activities

and students.

The Institute has a sports complex which includes running track, football ground, cricket ground, basketball court, lawn tennis court, Netball, volleyball and indoor games likes Table tennis, Chess, Carrometc. A separate gymnasium facility for boys and girls is provided in the institute campus. Students are encouraged to play and participate in different sports. As a result, our students have earned prizes in the various competitions. STES has cricket academy for offering the platform to students who want to develop a career in cricket.

Yoga and meditation sessions are conducted for the students and staff in the premises at sports complex.

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

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

19

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

19

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

000

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

4.2 - Library as a Learning Resource

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

The library (main and digital) has an excellent collection of books, references, journals, magazines and a book bank facility. National & International printed journals are subscribed to update the current knowledge of the stakeholder in the respective field.

On the basis of changes in curriculum, research requirements, recommendations from staff and on student's demand the librarian raises the requirement of book titles, journals, codes, and standards, etc. and proposes a budgetary requirement for the procurement. Library Committee takes a decision on the provision of allocation of the requirement. Actual procurement is carried out after the allocation of the budget.

The library is automated with AutoLib software Version 0.1 since 2011 and barcode system for the smooth accession of books.

Online Public Access Catalogue (OPAC) is a digitalize search engine, established in the library for ease of searching the books. The system facilitates the search on the basis of title, author, keywords, publisher, etc. It helps to ensure the availability of the book in the library.

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

4.2.2 - The institution has subscription for the B. Any 3 of the above

following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

0.0299

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

50

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

4.3 - IT Infrastructure

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

In this electronic communication era, the internet communication is

very important in teaching learning process. To fulfill the norms of AICTE and University, the institute has very strong IT infrastructure. Institute has enough facilities which are used to continuously nurture the student.

The Institute has separate centralized maintenance system in order to support the IT infrastructure, campus facilities and equipment.

Faculty members are provided with the computer and Internet connection at their respective locations.

All the Computer laboratories and facilities are connected with the Internet and are made available to the faculties and students for their academic needs in their respective departments. Central computing facility with 50 Mbps speed Internet connectivity is available for research & development.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/file/d/1iMSu5T4QWrWmMjwcZ7EDxgFXs-rlTOJk/view?usp=sharing

4.3.2 - Number of Computers

310

File Description	Documents
Upload any additional information	View File
Student – computer ratio	View File

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

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

4.4 - Maintenance of Campus Infrastructure

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

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

41.78

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

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

Maintenance of Laboratories:

The Lab Assistants and Technical Assistants are responsible for regularly maintaining Laboratories. Deadstock register for the laboratories equipment is maintained by each department. Proper inspection and verification of stock takes place at the start of every academic year. Repair and Maintenance of laboratory equipments/instruments are initiated by the respective Laboratory In-charge as and when required. The record of maintenance/repair/calibration of the respective equipments is maintained. As a precautionary measure laboratory in charge, along with laboratory assistant, ensures proper working of all equipment at the beginning of each semester.

Maintenance of Library Facilities:

The library has a reading hall and separate computers for students to access e-journals, while the subscribed e-journals can also be accessed from any networked computer in the institute. The books and journals are maintained against disfiguring. Book binding is carried out on regular basis for damaged books to avoid further damage. Stock verification is done as a part of regular monitoring and control. Pest control is done on regular basis for maintaining books safe from termites. • Procurement of new books & renew of journals and recommendation for additional books • Updating and

maintaining of all library records • Addressing issues and grievances of users • Update and upgrade the library contents, periodically as per updates in curriculum.

Sports Complex

The sports director handles sports complex and the facilities are maintained by the Estate office. The institute has large open grounds for cricket, football, volleyball and basketball and a gymnasium utilized by the students. Sports equipments are periodically inspected and necessary repairs are done as and when required and new gears are purchased accordingly.

Computers:

The institute has an adequate number of computers with internet connections and utility softwares. Lab Assistants and Technical Assistants maintain computer systems, UPS, Softwares and Servers. Anti-virus software is purchased and is renewed annually for the smooth working of all the computers in the institute.

Classrooms, Conference Hall:

Classrooms and Conference Hall are available with enough seating capacity and LCD projectors. Cleanliness of classrooms and Conference Hall is maintained on daily basis.

Maintenance of other support facilities:

- Estate department carries out maintenance of infrastructural facilities. Housekeeping services are regularly executed and monitored by estate department.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

690

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

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

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

00

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

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

A. All of the above

File Description	Documents
Link to institutional website	http://cms.sinhgad.edu/sinhgad_engineering_institutes/sknsits_lonavala/naac.aspx
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

85

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

85

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

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

A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

76

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

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

5.2.2.1 - Number of outgoing student progression to higher education

7

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

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

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

examinations) during the year

02

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

5.3 - Student Participation and Activities**5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year****5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

00

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

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

Yes, the institute has a students representation and engagement in various administrative, co-curricular and extracurricular activities.

The objectives of forming student council are to: Organise institute level/department level events.

? Improve academics, co-curricular, cultural and extracurricular activities. ?Motivate the students for teamwork.

? Acquire leadership qualities.

? Learn event managements.

? Interact with Institute management to resolve difficulties.

Activities of Students Council are to: ? Organise national or university level technical symposium like TECHTONIC ? Motivate students to participate in technical and soft skill events ? Organise yearly national level cultural activity Spandan, Sinhgad Karandak, Neon. ? Celebrate Independence Day, Republic Day, Teacher Day & Engineers Day. ? Organise blood donation camp, tree plantation, voter's awareness programs, etc. ? To organise University level activities Funding: There is no funding from any Government body. Institute bares all the expenses of the activities organised under students' council.

Student Council Overview- A Student Council is a group of elected and volunteer students working together with an adult advisor within the framework of a constitution or bylaws to provide a means for student expression and assistance in College affairs and activities, give opportunities for student experience in leadership and encourage student / faculty / community relations PROMOTE CITIZENSHIP • By supporting and further developing democracy as a way of life • By involving students in meaningful, purposeoriented activities • By helping each student develop a sincere regard for law and order appropriate to this democratic society • By leading each individual in developing a sense of personal responsibility and earned self respect • By example through teaching the processes and procedures of a democracy • By encouraging desirable attitudes and the continuous upward development of valued patterns of good citizenship • By providing a forum for student opinions, interests and desires so these may be understood by the entire student body, faculty, administration and community • By honestly reflecting and interpreting the student viewpoint PROMOTE SCHOLARSHIP • By contributing to the total educational growth of all students in the institute • By encouraging highest standards of scholarship and positive student involvement in learning and thinking • By providing experience in genuine problem solving procedures • By providing training and experiences in the skills and techniques of good citizenship and leadership to prepare articulate citizens and leaders for a progressing society PROMOTE LEADERSHIP • By providing young people with the power and right to speak and, especially, the power, right and privilege of being heard by those in authority • By avoiding the commercial or cultural exploitation of students • By

promoting opportunities for leadership among student body members • By utilizing the ideas and support of students in solving relevant school problems

PROMOTE HUMAN RELATIONS • By helping create harmonious relationships among faculty, administration, student body and the community • By providing organized services to the school in the interest of the general welfare • By communicating purposes, activities and the other positive elements of school life through mass media to the entire community • By helping young people further realize the genius and dignity of each individual

PROMOTE CULTURAL VALUES • By providing real experiences in group development and human understandings • By helping students earn and protect individual rights and responsibilities • By selecting projects and activities which seek to achieve purposes which are significant in the life of the school community • By helping each student reach maximum educational growth and development

OBJECTIVES OF STUDENT COUNCILS

1. To initiate, implement, and complete projects and activities which will be of help to the school, the students, the faculty, the administration, the Board of Trustees and the community.
2. To develop and provide opportunities for leadership and service in the local school and in the community.
3. To encourage personal growth of leaders through participation in district, state and national meetings and organizations.
4. To provide a living workshop

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

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

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

593

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

5.4 - Alumni Engagement

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

The college has started Alumni Association on Sep. 27, 2017. The registration number of Association is "Maharashtra / 1362 / 2017 / Pune / Sep. 27, 2017. By the end of the academic year 2021, the alumni association had grown up to 3200 plus members.

The main objectives of this official Alumni Association are to

- : • Create a strong network between Alumni and Institute.
 - Create a strong network for Alumni progression as well as student's progression.
 - To provide a forum for the Alumni for exchange of ideas on academic, cultural and social issues by organizing and coordinating reunion activities of the Alumni.
 - Maintaining the updated and current information of all Alumni.
- With these objectives, we are sure that we can increase strong bonding among alumni and Institute. Many of our Alumni occupied prominent positions in different sectors like in Banking, Finance, IT, Teaching, Entrepreneur etc.

Institute is having a track record of outstanding performances of its pass outs in different spheres. Many of them are occupying key positions in many private and public sector undertakings in India and abroad and have brought laurels to the institute.

Most of alumni always contributed their knowledge and helped to

institute in different way:

Placements The alumni network of a institute is one of the biggest sources for placement. Alumni always help to place their juniors at their respective organizations.

Mentorship Our alumni always play an active role in voluntary programmes like mentoring students in their areas of expertise.

Career Guidance alumni is a huge talent pool whose guidance can be beneficial to many students and other fellow alumni in their respective areas of study.

Networking Platform: alumni network by itself is one of the best professional networking platforms available today in institute.

Newsletter: Institute is publishing its quarterly newsletter which includes all the events happened in institute. This newsletter is always shared with all the alumni through which institute always get to know their feedbacks and suggestions about the activities conducted in institute. With the changing scenario IMRD also adopted latest technology and connected various alumni via different whatsapp groups, social websites like facebook, LinkedIn. Total 700 plus alumni are connected via whatsapp group. More than 3300 plus alumni are connected via facebook and LinkedIn. The alumni of Institute is guiding and nurturing our students to become more technical for IT industry. It is our plan to develop everlasting relations with our alumni which in turn will give rise to mutual benefits. **Roles Responsibility:** • Making a Strong network between Alumni and Institute • Organizing Annual Alumni Meet • Organizing and Participation in Induction Session during Orientation Program.

Alumni Students Donated books to Institute Library.

Alumni contributes their knowldge to the institute for different training programs.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1R6SRJ1xoKr-MyTK8NeE1lzJB1m00CdJe/view
Upload any additional information	View File

5.4.2 - Alumni contribution during the year E. <1Lakhs

(INR in Lakhs)

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT**6.1 - Institutional Vision and Leadership**

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Governing Council

The Governing Council is the highest policy making body in the matters of academic and administrative importance.

College Development committee (CDC)

Sets objectives in consonance with the quality policies and shares its vision. Creates an atmosphere that is fair, transparent, motivating and conducive to faculty and staff to realize their potential.

Administration Structure

The governance of the quality system is a reflection of the College mission and vision which is evident from the administrative hierarchy followed in all academic and administrative aspects and achievements made by all concerned. The President of College Committee is the chairman of the Governing Council of SKN Sinhgad Institute of Technology and Science College. Principal is entrusted with the responsibility of smooth and effective functioning of institution. As a decentralization measure of general administrative responsibilities, various committees are formed for each and every activity of the college.

Heads of Departments are responsible for the academic and administrative matters of the corresponding department. Every Faculty members in college are empowered to strengthen and support the Head of Departments in providing outcome based education. Class teachers and teacher guardians are assigned for each class are empowered to monitor and counsel the students on academic and personal development. Other stakeholders such as alumni, employers, industry and parents are given an opportunity and responsibility to further the progress of the institution wherever possible and

suitable

The proof of the good governance is reflected in the academic excellence, Students placement, Research and Development, Students outcomes. is the proof of that effective governance. Evidence is the NAAC accreditation for all UG programs with 'A' grade, conforming our quest for achieving excellence in providing world class quality education

File Description	Documents
Paste link for additional information	http://cms.sinhgad.edu/sinhgad_engineering_institutes/sknsits_lonavala/about_us.aspx
Upload any additional information	No File Uploaded

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

Heads of Departments are responsible for the academic and administrative matters of the corresponding department. Every Faculty members in college are empowered to strengthen and support the Head of Departments in providing outcome based education. Class teachers and teacher guardians are assigned for each class are empowered to monitor and counsel the students on academic and personal development. Other stakeholders such as alumni, employers, industry and parents are given an opportunity and responsibility to further the progress of the institution wherever possible and suitable.

Activity incharges are assigned by the principal for every activity. For every activity there is one institute coordinator who is responsible for planning the activity in concern with the departmental coordinators. At the end of every semester the institute coordinator is supposed to submit the report of the respective activity to the principal.

File Description	Documents
Paste link for additional information	http://cms.sinhgad.edu/sinhgad_engineering_institutes/sknsits_lonavala/about_us.aspx
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Strategic/ perspective plan is planned during the IQAC meeting at the beginning of each semester and is communicated to all the departments. The HODs along with the departmental faculty members execute and deploy the planned activity .

SKN Sinhgad Institute of Technology & Science, Lonavala conducted a Two Days e- National Conference On Advances in Modern Technologies of Multidisciplinary Research in Engineering Field (AIMTMREF) 20th-21th May, 2021 In association with ISTE , IETE and CSI

The objective of the Conference is to provide a platform to the UG/ PG Students, researchers, academicians and industry persons from the field of Electrical, Electronics, E&TC, Mechanical, Production, Automobile, Computer, Information Technology, Civil & Related areas to present their papers, innovative ideas

Conference Topic

The original and unpublished research research/review papers were invited in the conference on following topics (but not limited to)

1. Control and Transmission

- Power Electronics & Energy Efficient Drive
- Smart Grid
- Control Theory and application
- Reliability and continuity of supply

2. Application of Advance Computing & Informatics in Engineering

- Data mining, cloud computing & IOT
- Machine learning and optimization
- Information and cyber security
- Social media, multimedia and web analytics

- Artificial intelligence

3. Application of Engineering in Manufacturing

- Additive Manufacturing
- Mechatronics
- Robotics
- Rapid prototyping
- Manufacturing and process automation.
- 4. Application of Wireless & Embedded in Engineering
- Instrumentation for communication
- Emerging trends and development in VLSI
- Optimization using neural network
- Microwave system and application
- Signal and image processing

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://www.oaijse.com/Archive.aspx?IssueID=71
Upload any additional information	View File

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

The institutional bodies is effective and efficient as visible from policies which are well defined and communicated to all the faculties and staff members. Administrative setup is ready with all supporting facilities , appointment and service rules, procedures, etc are well defined as per the statutory authorities and STES.

1. Governing Body & CDC

- Frame directive principles and policies.
- Amend and approve policies from time to time.
- Approve budgets.

2. Principal Define & delegate responsibilities of various positions in the organization.

- Ensure periodic monitoring & evaluation, of various processes & sub- processes.
- Ensure effective purchase procedure.
- Prepare annual budget.

- Conduct periodic meeting of various bodies such as Governing Body, CDC, and Grievances Redressal Committee etc.
- Manage accounts and finance.
- Employee recruitment process.
- Office Administration.
- Compliance with AICTE, DTE & University.
- Admission.
- Oversee the teaching-learning process.
- Internal and External examinations.
- Head of Departments
- Plan and execute academic activities of the department.
- Maintain discipline and culture in the department.
- Pick and promote strengths of students / faculty / staff.
- Monitor academic activities of the department.
- Propose Department Budget.
- Maintain records of departmental activities and achievements.
- Office Incharge
- Liaison with AICTE, DTE and University
- Preparation and submission of various reports of statutory bodies like AICTE, DTE, Fee Regulatory Authority, SPPU and so on?
- Co-ordination in smooth functioning of various sections of the admin office- Admin, Student Section, Account Section, Establishment Section, Examination Section
- Maintenance of all types of records related to student admissions, scholarship, examination and results, faculty and staff pay roll, institute budget, attendance, leaves, faculty personal files, service books
- Librarian
- Plan and propose expansion /development.
- Maintain library discipline and culture.
- Prepare annual budget for library.
- Placement Officer
 - Liaison with industry.
 - Identify and provide for training needs of students.
 - Arrange campus interviews.
- Alumni Co-ordinator
 - Ensure alumni registration.
 - Support a strong relationship between the Alumni Association and current students.
 - To help Institute for effective liaison to Industry.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	http://cms.sinhgad.edu/sinhgad_engineering_institutes/sknsits_lonavala/about_us.aspx
Upload any additional information	No File Uploaded

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

The Institute has effective welfare schemes for the benefit of its teaching and non-teaching staff. Institute understands that faculty is the backbone of the educational system. Therefore, the skill sets and the core competency of faculty are required to be upgraded on regular basis.

- Accidental insurance
- Staff quarters with special hill top allowance.
- Free medical facilities for staff and their family.
- Registration fee for FDP programs
- Maternity leaves ,extended maternity leave and early leave.
- Employee Provident Fund (EPF) with 100% gratuity for all staff.
- EMBF(Employee mutual biennial fund)
- Admission to the wards in the institution

- uniform for security guards.
- Bus facility.

- Training for faculty and staff:

The Institute facilitates various training programs for teaching and non-teaching staff members such as Train-The-Trainers, Accounts

Policy for Higher Studies:

The Institute recognizes the need for continuous qualification upgradation.

Institute motivates and supports faculty members financially for acquiring higher degrees from renowned and accredited Universities.

Research Promotion Scheme:

From time-to-time faculty may want to work on different research-oriented projects or purchase equipment or develop software that can be beneficial to the institute or can be a new exploratory project.

- Leave: The Institute has various leaves like casual leave, sick leave, earned leave, maternity leave and compensatory leave.

- The institute has a sponsorship fee reimbursement scheme for STTP / Workshop/ Trainings /Professional Membership:

Institute encourages faculty and staff members for acquiring the latest skills by supporting them to attend various programs/ conferences/STTPs. The policy for reimbursement of fees paid for such STTPs/Workshops is in place. The institute also reimburses travel cost for faculty for travelling to conferences outside of Pune.

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

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

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

02

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

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

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

03

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

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

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

69

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

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

The various parameters of performance appraisal system of faculty to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal are listed in the below table. IQAC gives comments and suggestions to faculty and staff which are useful for their performance improvement.

Appraisal System of the Faculty

PART A - To be filled by Individual Faculty PART B - To be filled by HOD

? Qualification acquired during reporting period ? Quality of Job ? FDP/ Continuing Education Programs/ Industrial Training etc. attended ? General Intelligence ? Participation in Seminar/ Workshop / Conference ? Integrity and Character ? Seminar / Workshops / Conferences / Courses conducted as Coordinator ? Reliability / Dependability ? Consultancy Work / or Externally Funded Research Projects ? Punctuality ? Research Publications ? Fitness to continue in the present situation ? Books Published ? Relation with Colleagues / Students and their Parents ? Membership of Professional Bodies ? Brief about Punishments / Rewards ? Industrial Liaison ? Control over class and discipline ? Patents Obtained ? Students Feedback ? Result Performance of Subject ?

Proficiency in subject of Specialization ? Weakness in Teaching through Students Feedback ? Initiative to do work ? Guest Lectures given to outsiders as an Expert ? Organizing ability ? Participation in Departmental Activities ? Involvement in conducting and arranging communication skills / personality development / VAPs ? Institutional Activities ? Efforts taken to overcome weakness in Teaching ? Co-curricular Activities ? Leave Without Pay Availed during period of Assessment

Appraisal System of the non teaching Faculty

PART A - To be filled by Individual Faculty PART B - To be filled by HOD Improvement in qualification/Skill during reporting period

- Quality of Job/Accuracy Nature of duties performed
- General Intelligence Difficulties if any faced while performing assigned duties
- Initiative to do work
- Capacity to get work done
- Relation with Colleagues and others
- Response to work/Promptness
- Integrity and Character
- Reliability / Dependability/honesty
- Punctuality
- Whether willful worker
- Outstanding work done during the period
- Punishment/reward
- Leave Without Pay Availed during period of Assessment
- Overall Assessment
- Recommendations, if any

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

6.4 - Financial Management and Resource Mobilization

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

The institute has mechanisms for internal and external audit. Internal audit is carried out periodically. External audit is carried out once in a year. External Auditor verifies all receipts & expenses bills, payments of the Financial Year (FY). The external audit of FY 2020-21 was carried out. There were no major objections in balance sheet assessment.

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

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

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

0.03778

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

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

The effective use of available financial resources of institute are explained as below:

- Principal sends a mail/ notice to all HODs to prepare the departmental budget.
- The HOD circulates the notice regarding requirement of laboratory equipments, consumables, repair and maintenance, stationary, furniture, books etc. Discussion is carried out with faculties and laboratory in charges to give their positive inputs to obtain nonrecurring and recurring expenditure of each year.
- Individual departmental budget is prepared and submitted to the Principal.
- Budget of individual department is finalized by HOD and principal.
- Finally, Principal consolidates the budget in the CDC meeting

for recommendation and approval.

The final budget is then scrutinized and sanctioned in the board meetings. Also, if any emergency expenditure is required HOD's and Principals can discuss and request to the President, Secretary and vice president for instant approval.

When the final sanctioned budget copy arrives principal allocates the departmental budget.

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

6.5 - Internal Quality Assurance System

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

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes as given below.

1. Career Counselling Cell :

Career Counselling Cell provides necessary guidance to students about the competitive examinations and develops employability skills to face the challenges of the new era.

SKNSITS have established a centre entitled as, "CCC-SKNSITS-Lonavala" for the holistic development of students. Every Friday centre holds meeting to take a review of last week work as well as proposed activities of next week. All the coordinators of this centre are working enthusiastically and actively since the establishment. Under this Centre various activities such as Webinars, Conferences, Guidance of experts like IAS, IPS, recognize people from society and industry etc are organised. It has also started various foreign language (German, French, and Japanese) certificate courses to make students multilingual and find a bright career in multinational companies. This centre celebrates various days' like Mahila Din, Yoga Day etc. It also conducted tree plantation in-campus to keep the environment clean and neat. Under

this centre, quiz series is also conducted for the students.

2. Honor Courses :In this era of cut throat competition, it has become one of the major objectives of the Educationists and the Universities to inculcate the contents, practices and processes in view of making the learners enriched and competent enough to satisfy the multidisciplinary requirements for various job profiles and career prospects. All India Council for Technical Education (AICTE) has decided to allow the learners to acquire Honours/Minors with respect to certain exotic and state-of-the-art Engineering domains. With this facility students can acquire Honours/Minors by earning certain number of credits. SPPU has taken this opportunity and decided to allow the learners in the affiliated colleges to avail these facilities.

SKN Sinhgad Institute of Technology & Science, Lonavala offers students Honor Courses in Third Year of Engineering for all Departments. Separate SPPU Honors' Degree of Two Years is offered to students after successful completion of required requirements from SPPU. Institute is offering these Honor Courses free to students.

Following are the Honors' Courses offered by Institute to students for all departments of Engineering.

1. Artificial Intelligence and Machine Learning
2. Cyber Security
3. Data Science
4. Internet of Things
5. Virtual Reality and Augmented Reality

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

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

Yes The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms

Academic Outcomes and Industry expectations are seldom found to converge and the attempt to get them to converge has been basis for many of the curriculum development strategists.

However, being a university affiliated college, it becomes difficult to transfer the fast-changing technologies to the students. To bridge this gap, following academic initiatives have been taken in the institute in the last year that have helped our academic pursuits to converge with industry expectations.

Internship : For the internship Institute has MOUs with various industries ie Intershala, CAD CAM GURU Solutions Pvt. Ltd. Pune etc. The mission of intershala is to equip students with relevant skills & practical exposure through internships and online trainings. Students are promoted for internship through intershala initiatives.

STP : Worldwide, the advancement in technology has not only revolutionized the scope of engineering education, but also redefined the expectations from engineering graduates. At SKNSITS, a need was identified to start an innovative practice "Student Training Program" that would help the students to build a personality equipped with exquisite technical and soft skills. With this in mind, a state-of-the-art STP is being implemented from the year 2013-14. The aim of the program is to enhance the quality of the students by empowering them with skills those are globally at par.

The objectives of the STP are to:

- Enhance the employability opportunity.
- Prepare students for entrepreneurship and
- Prepare students for higher education in India and abroad.

Traning for placement : Support for placements is given to the students through the following Employability test.

- FUEL Training and Employability Test

- First Naukari.com FNAT and FCODE Employability Test-1
- Technical & General Aptitude Test-1
- Technical & General Aptitude Test-2

Series of such Employability test have helped in increasing the graph of placements .

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

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://drive.google.com/file/d/1hgMxRMY1iAYraontPUeYqKl5kNlHHGF1/view?usp=sharing
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Gender equity in education means that males and females have equal opportunities in terms of economic, social, cultural, and political developments. If gender equity is exactly achieved this will

contribute to future of girls and boys more than approaches men-centered, and girls will get benefits from public and domestic life as much as boy. Sensitization of the students is done through special lectures and functions.

The Internal Complaint Committee was formed with objective to sensitize & equip students with issues related to gender sensitization, women empowerment etc.

Female employees also get maternity leave, child care leave and are also entitled to avail leave on adoption of child.

Students apprised of the gender issues during the Orientation/ Induction Program held for newly admitted students each year.

Central physical work out facility provided for students. Indoor & outdoor games for boys & girls students and staff were held on various occasions.

Institute has taken several measures to enhance safety & security on campuses by constituting Internal Complaints Committee (ICC), installing CCTV cameras & by providing round the clock security. The security guards are also available at Girls hostels. Faculty has been directed to keep the door of the lecture hall open during classes.

The ICC ensures that posters promoting gender equity & sensitization are placed on the Notice Boards. A Complaint Box is placed in the corridor of building - A. Mobile numbers of the ICC Chairperson and members are made available on the Notice Board. Strict confidentiality is maintained by the ICC to encourage the complainant to lodge complaint without fear.

Counselling is provided to the complainants and the respondents independently by the ICC. The Counsellor of the institute provides counselling to students of all departments. Training & Placement cell also conducted special lectures, mock interviews etc. for career counselling of students.

Institute also organised training programmes, seminars, workshops etc. on gender equity and sensitization.

File Description	Documents
Annual gender sensitization action plan	https://drive.google.com/file/d/1ttakkSxaZfJtPlvtrAsjtXnhOMRYR7MR/view?usp=sharing
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://drive.google.com/file/d/1Qm8mol4JdJmFzWtr5xzVq4_y8FdF3mU/view?usp=sharing

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

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

1. Solid waste management:

Daily garbage is collected by housekeeping personnel and handed over to Municipal garbage vehicle. Institute has installed sewage disposal plant of 2.31 Lakh litre capacities. FAB reactor of 3.55 Lakh litres is used to treat around 3.5 lakh litre wastes from the campus.

2. Liquid waste management

All waste water lines from toilets; bathrooms etc. are connected to Municipal drainage mains after passing through sewage disposal plant. Secondary tube settler of 0.77 lakh litres, Sludge dig ester tank of 1.485 lakh litre, chlorine contact tank of 1.485 lakh litres, pressure sand filter and activated carbon filter of 10 lakh litre each are set up at waste disposal plant. In Lonavala there are large no. of water fall, so the institute has plans to adopt the

rainwater harvesting to tap this natural resource to recharge the tube wells on the campus. These tube wells supply a major chunk of the water to the campus habitation after being treated in the plant.

3. Biomedical waste management

Biomedical waste from institute hospital and hostels is collected at the RHTC Department as per the category of waste. This waste is transported to Pune at Shrimati Kashibai Navale Hospital of STES. Collectively waste is given to the agency to dispose.

4. E-waste management

The e-wastes are disposed of periodically through a professional e-scrap vendor. Inspection of computer and different E material is done periodically by expert teams. The waste is segregated.

5 Waste recycling system

Recyclable waste material like plastic, papers, etc. are collected and sold out to scrap vendor from time to time. Use of old one side papers is done to do the rough printing which saves paper.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	https://drive.google.com/file/d/1KnpYhPrAtw7NQF0Sh_BaR9ql1trcsPbs/view?usp=sharing
Any other relevant information	View File

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

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

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. Landscaping with trees and plants

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

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

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

A. Any 4 or all of the above

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment

A. Any 4 or all of the above

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

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

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

SKNSITS Lonavala carried out various activities for providing and inclusive environment, activities such as SPANDAN - annual gathering of college in which traditional days celebrate and cultural ethics inculcating to students. Maintain tolerance and harmony toward regional, linguistic and other diversities sarsvatipooja for north indian students, In the month of holy Ramzan providing prayer room to students, dandiya festival, shivjaynti Celebrations. Also for socioeconomic in our institute implements Earn and Learn Scheme for students whose financial background is weak.

Response:

1. SPANDAN:

SPANDAN is an annual gathering event organized by SKNSITS. SPANDAN offers a platform to the students to show their skills other than academics. Every year SPANDAN was organized in the second semester Jan or Feb month. Various events were organized like Solo Singing, Duet Singing, Solo Dance, Duet Dance, Group Dance, Fashion Show, Mr.

and Miss SKNSITS, Stage Play, Ages of Rock, etc. Students from various departments are participating in this event and get chance to explore their extra-curricular skills apart from their academics. Various judges from different fields were invited to judge the students performance and select the best among them. Event is aimed at overall development of the students.

2. Earn and Learn Scheme :

The main objective of the scheme is to develop a student as a multifaceted personality with academic excellence and a commitment to an egalitarian society. India lives in her villages and to bridge the gap between rural Bharat and urban India, this scheme is basically undertaken for the benefit of students coming from the rural areas, who are economically backward, intelligent, and meritorious but cannot afford higher education, needy and financially hard pressed. It inculcates in the student the idea that no work is big or small and develops a work culture with the right aptitude. This is a vision of keeping our youth gainfully employed as well as to contribute from civil society. This is a paradigm shift in the way we see higher education. This will make higher education accessible and available to the poor, meritorious and the marginalized.

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

Response:

The Institution is organizing the following national festival days and on great Indian leader's birth anniversaries. India is worldwide known for its cultural diversity and colorful festivals.

Savitribai Phule jayanti- : 03 January

Every year, on this day, in our College NSS unit hoists the Savitribai Phule Jayanti in the College premises to commemorate and addresses the faculty and students.

Republic Day -26th January:

Every year, on this day, in our STES Campus Chief Guest/Principal hoists the National flag in the campus premises to commemorate Republic Day and addresses the faculty and students.

Independence Day - 15th August:

Every year, on this day, in our STES Campus Chief Guest/Principal hoists the National flag in the campus premises to Commemorate Independence Day and addresses the faculty and students.

Teacher day - 5th September:

Teachers' Day is a special day for the appreciation of teachers, and may include celebrations to honor them for their special contributions in a particular field area, or the community .We are organizing Teachers' Day Celebrations and felicitating teachers who obtain higher qualification and academic achievements during the current academic year.

Engineer's day - 15th September:

The institute is conducting Engineers' Day celebrations every year on 15th September i.e., Sir Mokshagundam Visvesvaraya birth anniversary. During these celebrations, the students are encouraged to exhibit their creative technical models and are evaluated by judges from premier organizations. This event increases creative thinking in the young minds of engineering students.

Reading Day Dr. A.P.J. Abdul Kalam Birthday - : 15 October

Every year, on this day, in our College NSS unit hoists the Reading Day to the students.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

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

SKNSITS Lonavala carried out various activities for students & employees to add values, rights, duties to make them a responsible citizen. For that purpose we organise different activities such as tree plantation, blood donation, cleanliness drive, visit to

orphanage, NSS camp visits to different villages & many more

1. Tree Plantation:

Our Institute comes under big campus with lot of open spaces. So we launched an extensive Tree Plantation Programme on the occasion of the World Environment Day. The students and teachers selected the empty places and to plant saplings in a well-organised way.

The saplings were supplied by the local government nursery. In order to restore the eco-balance of the afforestation drive was taken with all seriousness.

2. Blood Donation:

Blood is a significant component of our body which constitutes almost 7% of the body weight. Blood donation is a noble act where a healthy person donates blood for the use of ailing people. Our institute organises blood donation camp each year by taking help of Smt Kashibai Nawale Medical Hospital. In this drive teachers as well as students take part. Each year we are able to collect more than 100 bottles of blood through this drive.

Blood donation camps are held in our campus to spread awareness about the importance of blood donation so that more people can contribute towards the process of saving lives.

3. Swachhbharat abhiyan (Cleanliness Drive):

Mahatma Gandhi rightly said, "Sanitation is more important than independence". Swachh Bharat Abhiyan was launched by the Government of India to solve the problems of sanitation and waste management in India by ensuring hygiene across the country. We, Sinhgad institute organized cleanliness drive in our campus as well as in nearby villages by taking help of our NSS students.

4. Visit to Orphanage:

An orphanage houses children of various ages who either have no family or have lost their families in natural calamities. The home

usually has a care-taker who monitors the children of the orphanage and a few helpers to take care of the residents.

A visit to an orphanage is a life-changing experience as it is filled with emotions and sentiments. We, as an institute each year collect money, grains, cloths & other things which are required for orphanage. Then few staff members along with students visit to orphanage, they spend a day with those children & give them love with necessary things.

5. NSS camp to village for water conservation:

Water conservation is the only way to save water in the future to solve the problem of water scarcity. In India and other countries of the world, there is a major shortage of water. By considering this issue NSS of SKNSITS Lonavala visited a village, they spent couple of day over there to clean natural water source & build a BANDHARA made up of bags filled with sand & stone.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	View File

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

4. Annual awareness programmes on Code of Conduct are organized

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

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

National Service Day

On the occasion of NSS Day, 24th September, NSS Unit of SIT College organized a many social events for the students. In 1958 Jawaharlal Nehru introduced the idea of the social service. Aim of that NSS unit is to provide experience of young students about the community service. On this day students plays street play in front of all students and staff on a social subject and give the awareness message to society.

Republic Day and Independence Day

In every year 26 January and 15 August institute celebrates the Republic day and Independence day .The Republic day commemorates the constitution of India which comes into effect from 26 January 1950. The constitution was framed by Dr. B. R. Ambedkar who is the known as "architect of the Indian constitution. On the day 15 August 1947, India becomes independent from British rule. This day also reminds us the struggle of freedom fighter.

Every year institute celebrate Republic Day and Independence Day with all teaching, non teaching staff and students from Sinhgad Campus Lonavala. The program starts with Flag Hosting at the hands of Chief Guest. After that National Anthem is going on. March Past, Patriotic songs, and various acts and skills are presented to the gathering by the school students. After that speech was delivered by Chief guest about the significance of that day and lastly Sweets are distributed to all.

Engineers Day

In India every year we are celebrate 15 September as "Engineers' Day" to memorialize the birthday of the legendary engineer Sir Mokshagundam Visvesvaraya. Sir Visvesvaraya, an eminent Indian engineer. On the occasion of Engineer's Day Celebrations many Technical events were organized in the Department of Computer Engineering, Electrical Engineering, E & Tc Engineering, IT Engineering, Mechanical Engineering .

1. International Yoga day

21st June is celebrate as The International Yoga Day all over the world. This idea was put forward by our Prime Minister, Mr. Narendra Modi in 2015, Yoga is not about exercise. It is more than physical activity." The aim of this yoga day is make people aware of the benefits of the yoga. The yoga is an ancient art which is originated in India around five hundred years ago. This program starts with inaugural speech of the chief guest related to the Yoga and exercise This day is the longest day of the year ..

"International Yoga Day was organized on 21st June 2017 by NSS Unit and student welfare Team. Principal Dr. M.S. Rohokale sir, HODs of respective departments, teaching - non teaching staff members and students of different departments participated in the event.

The event was organized in the seminar hall of Mechanical Department in the B building (B-305) at 1 PM. Everyone enthusiastically participated in this activity. Mr. Sandhu sir and two students from Sinhgad Public School , Lonavala addressed the importance of Yoga in our daily life for better health and fitness. He taught different ASANAs of Yoga, Surya Namaskar and Pranayam very nicely and appreciated everyone present there for their participation. . This event was helpful for students and staff members for getting awareness about the actual impact of Yoga and correct way of practicing it.

This "INTERNATIONAL YOGA DAY" was successful due to active participation of all the students as well as teaching non teaching faculty members. For successful conduction of the event we are thankful to our Principal Dr. M.S Rohokale Sir.

National Voters Day

Every year this day is celebrated by NSS unit and give the message to students and staff regarding registration for voter. This program is create awareness regarding voting.

Savitribai Phule Jayanti:

In 18 th century women has no freedom .women did not have right to education. In such a situation Mahatma Pfule taught Savitribai to read and write .In 1948 Savitibai Phule and Mahtma phule established first school for girls in Pune. She is the first female teacher.Savitibai Phule worked against the horrific practices such as child murders ,child marriages . On this occasion all students ,faculty members and our principal we all come together and worship the image of Savitribai Phule .

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

7.2 - Best Practices

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

BEST PRACTICE 01: STUDENTS' TRAINING PROGRAM (STP)

1. STUDENTS' TRAINING PROGRAM:

Title of the Practice: Student Training Program

The Student Training Program (STP) aimed to build a personality equipped with exquisite technical and non-technical skills, which

are globally at par.

Objectives of the Practice:

The objectives of this Practice are to Enhance the employability opportunities to the students through different sessions and technical tests.

To prepare students for entrepreneurship

To prepare students for higher education in India as well as Abroad.

To ensure a collective effort towards the all-round development of the students.

The Context:

Training incorporated into the curriculum to help prepare and evaluate the students in technical and non-technical skills.

Worldwide, advancement in technology has revolutionized the scope of engineering education and redefined expectations from engineering graduates.

At STES, a need was identified to start an innovative "Student Training Program" that would help the students to build a personality equipped with exquisite technical and non-technical skills.

The Practice:

Training provided is based on the need of the student. Program is spread over 7 semesters.

Total duration of program is 120+ hours.

Program provides training and practice on:

Soft Skills,

Technical Fundamentals,

Research Methodology

Value Added component,

Quantitative Aptitude and Logical Reasoning and

Group Discussion and Interview preparation.

Evidence of Success:

Students have given the tests which is conducted by departments and it benefited them for their placement's activities.

Problems Encountered and Resources Required:

This program is divided into semester wise to all SE, TE and BE students and resources has been created with the help of an expert peoples. The flow of program is given below:

SE Semester I (STP 1) : Soft Skills, AMCATest - Pre,

1. Goal Setting
2. SWOT Analysis,
3. Resume
4. Report
5. Letter
6. Group Discussions
7. Listening
8. Presentation
9. Public Speaking
10. Behavioural Skills

- The above modules are conducted by expert faculties from department.

SE Semester II (STP 2): 4 Pillars of Communications, AMCATest - Post

Total 8 Sessions

Based on 4 Pillars i.e. Listening, Speaking, Reading and Writing, 2 Sessions each AMCATPost

The result of the student is expected to be improved with respect AMCAT@SE Semester 1

In this test, also, students are not expected to opt for option (domain) modules.

This result also comes on email of the student.

TE Semester I Technical Training (STP 3): Technical Training (Based on Frequently Asked Questions in Personal

Interview, GATE, etc., AMCATest - Pre (With Domain Modules)

Total 5 Sessions of 2 Hrs, which covers the FAQs in Interview, Questions based on GATE

Branch Specific Sessions

10 Hrs of QA Training by Corporate Trainers

TE Semester II Research Component (STP 4): QA-LR Training Employability Tests (Based on QA-LR), AMCAT - Post (With Domain Modules)

Total 3 Sessions of 2 Hrs, which covers Basics of Research, i.e. Literature Review, Gap Analysis, Report Writing

Coupled with Seminar @TE as per SPPU Curricula

BE Semester I: Value Added Programs, GD-PI Training, Employability Tests

Maximum 4 Value Added Programs (VAPs) are selected per branch.

The HoDs and Senior faculty branch wise decide based on State of Art Technology, recent trends in the field.

Each VAP is 18 Hrs, 6 Hrs per day for 3 days.

The Academic is suspended for 3 days during VAP. The students have to register for one of the VAP.

Title of the Practice: - Faculty Appraisal System

2. Objectives of the Practice: -

The objectives of the Practice are as follows:

- a. Assess and promote excellence in the teaching-learning process
- b. Meet the educational needs of students by continually monitoring instructional performance

c. Provide a constructive framework for evaluating faculty performance by identifying areas of strength and areas for improvement

d. Provide a basis for professional growth and development of faculty members

3. The Context:-

This Faculty Appraisal System sets out the framework for a clear and consistent assessment of the overall performance of teaching staff for supporting their development within the context of the institution plans. The broad purpose of appraisal is to help them for their professional growth and development. The staff appraisal is evaluation of their performance on measurable parameters. This appraisal is done of the vital parameter for future appreciations. Appraisal will be based on evaluation parameters of both semesters for an Academic Year. Benchmark for feedback is defined clearly. The staff will be made aware of benchmark well before the commencement of the academic year

4. The Practice:-

a) Establishing performance objectives Performance objectives shall be in specific terms that produce measurable results. The suggested weight factors for Teaching and Service are 70% and 30%. These can set differently for some faculty members like Head of Departments/Section Heads. Faculty members will be encouraged to write their own performance objectives for the two evaluation categories of Teaching and Service. Performance evaluation shall be done each of the two semesters in an academic year.

b) Initiation of evaluation process Faculty members meet with their Heads to agree upon performance objectives. The performance objectives shall meet the instructional, Department, College and Individual's goals.

c) Mid-semester review All faculty members shall submit a mid-semester Faculty Self Evaluation report, say after first midterm test. At the same time, Student Evaluation of Instruction shall be obtained. The student rating is compared with Faculty Self Evaluation ratings and a Gap Analysis shall be prepared. The Gap Analysis compares perceptions of students and those of faculty members. The Heads shall suggest ways and means to bridge the Gaps

d) Semester end review Semester end review is similar to mid-semester review. The Gap Analysis shall be reviewed by the Heads along with Principal/Director

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Teaching and Learning got a far deeper meaning when the Sinhgad Institutes were set up in August 1993.

Honorable Prof. M. N. Navale, a great visionary and dynamic leader, laid the foundation of a Sinhgad Technical Education Society (STES). The Society is rightly imparting high standard of education at different institutes in the field of Engineering, Medical, Management, Pharmacy, Architecture, Computer Application, Education, Arts, Science, and Commerce and has acquired fame in a very short span.

STES have received a great impact by winning the respect and admiration from many stake holders like students, parents, industrialists as well as other institutes in a span of just few years. Today, it has 12 sprawling, aesthetically landscaped and environment friendly campuses in and around Pune.

STES's SKN Sinhgad Institute of Technology & Science (SKNSITS) was established in year 2011. SKNSITS is approved by All India Council for Technical Education (AICTE), New Delhi, Directorate of Technical Education (DTE), Mumbai, and is affiliated to Savitribai Phule Pune University, Pune. NAAC Accredited with ' A ' grade .

The institute offers bachelor degree (B.E) in Mechanical Engineering, Computer Engineering & Information Technology with sanctioned intake of 210.

Institute has well qualified, dedicated and competent faculty members for teaching and research.

Institute's main aim is to develop the students to their maximum potential and conservation. SKNSITS has the environment to cultivate the students such that students can show case their talents and ideas in innovative way. A comprehensive syllabus, excellent infrastructure and extensive facilities ensure effective planning, implementation and delivery of quality education.

The institute has excellent infrastructure to facilitate quality learning. Institute stresses on e-learning and project based learning to make the students globally competent. The institute has laboratories with modern and state of art equipments to meet the requirements of the curriculum. The institute consists of a library which has rich collection of reference books and technical magazines. The institute has subscribed to a good number of national and international print/online research journals to get the insight on recent research work.

In addition to this, isolated from local habitation, the institute has quiet and pleasant environment. Coupled with its avowed and ever conscientious ethos of student centric management, Students are provided with an ideal, extremely suited milieu for the achievement of academic excellence along with development of their talent in multidimensional way.

The institute has well equipped Hostels, hygienic mess and canteen, provision stores, medical stores and ATM facility within the campus. Hospital for medical assistance is available 24x7, along with an ambulance for emergencies.

Along with curriculum delivery, the college organizes various technical and non technical events to meet the industry needs and for holistic development of students. Each department has well equipped laboratory to work on projects sponsored by various organizations.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

STES's SKN Sinhgad Institute of Technology & Science, Lonavala (SKNSITS) is affiliated to the Savitribai Phule Pune University (SPPU), Pune. The institute follows the curriculum designed by respective Boards of Studies (BOS) with inputs from various stakeholders. Faculty members participate and contribute to the curriculum design during the workshops and syllabus orientations conducted by the University. In line with the curriculum, the Course Education Objectives (CEOs) and Course Outcomes (COs) are prepared by the faculties of the respective course. The institute's academic calendar is prepared in line with the academic calendar of the University. Each department prepares academic calendar in line with institute's academic calendar. The institute strictly implements the same. The department allocates subjects to teachers and prepare time table. The teachers prepare the course file and delivery content before the commencement of teaching. The teaching/practical plan is prepared by the individual and conducted lectures/ practicals accordingly. All students are encouraged to take up academic projects in collaboration with industries. The students are given a choice to choose elective subjects in the final year. Feedbacks from the stakeholders received through formal and informal mechanisms are used to design and enrich the curriculum. The Institute has a formal mechanism to obtain feedback from students and other stakeholders like Alumni, Parents, Industry and faculty. It has a well-designed feedback form with defined criteria to get feedback from each category of stakeholder. Unit tests, prelim examinations are conducted and mid-term submission is taken for continuous assessment of students. Based on unit tests performance week students are identified. For such students remedial classes are conducted and extra assignments are given along with important question bank. The curriculum is also enriched by designing Value Added Programmes (VAP) and Student Training Programmes (STP). Additionally, various certificate courses are conducted for the professional development of the students. Participation in seminars, workshops, conferences, webinars and various technical activities, enhance the student's academic progress. PBL (Project Based Learning) is done by picking up a (small/mini) project individually or in small groups

in the respective field/areas under the guidance of faculty allocated to developing skills like team work and applying knowledge, etc. Lab Innovation is done by students for any innovation or improvement done on any of the current apparatus or instruments or even source code in the lab. The aim of Lab Innovation is to achieve effective learning by undertaking small projects with reference to the labs of the department. It helps to developing skills like team work, writing skills, presentation skills, etc. The industry-institute interaction is encouraged through Industry Institute Interaction Cell (IIIC). The curriculum is designed and enriched so as to have the holistic development of the students.

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

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

The institute's academic calendar is prepared at the beginning of each semester in line with the academic calendar of the University. Each department prepares academic calendar in line with institute's academic calendar. The institute strictly implements the same. It consists of various curricular, extra and co-curricular activities. The calendar is uploaded on college website, displayed on notice boards. It is updated and revised with respect to any changes suggested by the university. All the classes and examinations are planned as per the calendar, thus ensuring complete adherence.

Continuous Internal Evaluation (CIE) is done in accordance with following activities as per Academic Calendar

- Classes and Lab time-table - Time table Coordinator of each department prepares the time table as per the guidelines of affiliating university for the number of credit hours for each subject and the academic calendar prior to the start of the semester. Time-table is uploaded on the college website and displayed on notice boards of every department and also communicated through student WhatsApp groups.
- Course files and Lecture Plan- After the allocation of subjects to faculty, course file of each subject is

prepared consisting of detailed teaching plan. It also contains the assignments to be given to students. This course file is duly approved by the Head of the department.

- Internal Examinations- The dates of UT1, UT2 and Prelim Exams are mentioned in the academic calendar. Detailed Examination schedule is announced in advance, by Exam CEO & respective HODs. Exam sheets are checked and marks are displayed on notice boards. In case of labs and projects, mid-term submission is taken, internal viva and mock practical exams are conducted by respective departments before the university examinations.
- Question Paper Setting- The question paper of internal exams is prepared by concerned faculties.
- Exam sheets evaluation- The answer sheets are checked in each department by respective faculties to ensure transparent and unbiased evaluation.
- Assignments - In addition to the tests, assignments are also the part of Continuous Internal Evaluation. Assignments are provided to students on the completion of every unit and solutions are submitted by students specified days. Every teacher conducts regular class tests consisting of MCQs/theory questions on the related topic for practice and revision with the help of Google forms/Microsoft forms.
- University Exams- The tentative dates for university exams are indicated in the academic calendar. The final university exam schedule is also displayed on students' notice boards.
- Student feedback - During each academic session students submit their feedback for each subject through online feedback system.
- Academic Monitoring- Each Head of the Department monitors report of course coverage (Syllabus completion), student attendance (displayed at the end of every month) and results of internal examinations (UT-I, UT-II) of every subject. Remedial classes are conducted for weak students.
- Amendments- In case of unseen conditions, academic calendar is modified and revised as per the instructions of Principal of the Institute only.

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

<p>1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University</p>	<p>B. Any 3 of the above</p>								
<table border="1"> <thead> <tr> <th data-bbox="100 651 539 714">File Description</th> <th data-bbox="547 651 1437 714">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="100 714 539 898">Details of participation of teachers in various bodies/activities provided as a response to the metric</td> <td data-bbox="547 714 1437 898" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="100 898 539 960">Any additional information</td> <td data-bbox="547 898 1437 960" style="text-align: center;">View File</td> </tr> </tbody> </table>	File Description	Documents	Details of participation of teachers in various bodies/activities provided as a response to the metric	View File	Any additional information	View File			
File Description	Documents								
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File								
Any additional information	View File								
<p>1.2 - Academic Flexibility</p>									
<p>1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented</p>									
<p>1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented</p>									
<p>05</p>									
<table border="1"> <thead> <tr> <th data-bbox="100 1301 539 1364">File Description</th> <th data-bbox="547 1301 1437 1364">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="100 1364 539 1435">Any additional information</td> <td data-bbox="547 1364 1437 1435" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="100 1435 539 1536">Minutes of relevant Academic Council/ BOS meetings</td> <td data-bbox="547 1435 1437 1536" style="text-align: center;">No File Uploaded</td> </tr> <tr> <td data-bbox="100 1536 539 1632">Institutional data in prescribed format (Data Template)</td> <td data-bbox="547 1536 1437 1632" style="text-align: center;">View File</td> </tr> </tbody> </table>	File Description	Documents	Any additional information	View File	Minutes of relevant Academic Council/ BOS meetings	No File Uploaded	Institutional data in prescribed format (Data Template)	View File	
File Description	Documents								
Any additional information	View File								
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded								
Institutional data in prescribed format (Data Template)	View File								
<p>1.2.2 - Number of Add on /Certificate programs offered during the year</p>									
<p>1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)</p>									
<p>15</p>									

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

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

889

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

889

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

Our Institution integrates Cross-cutting issues of the society like Moral Values, Human Values, Professional Ethics, Ethical Values, Gender Equality, Environmental Awareness, which are inseparable part of our curriculum.

The college has Women Grievance Cell and Grievance Redressal Cell to provide counseling to students, promote gender equity among students and also deal with related issues of safety and security of female students, staff and faculty. The college campus is secured with CCTV and high level security. There are separate Boys & Girls hostel (In-campus) for providing the safe environment to all students.

Audit courses like Water Supply and Treatment, Environmental Studies, Green and unconventional studies are included in curriculum. Faculty makes students aware about the basic

components of environment and their application in various fields. Institute organizes various activities like tree plantation, public awareness with the help of students. E.g. blood donation camps, importance of hygiene and individual responsibilities regarding the same, etc.

As per the Government of Maharashtra and DTE norms institute follows reservation policy for Girls students. Anti Ragging committee has been displayed on notice board and at various places like canteen, hostel etc. Complaint from student regarding Canteen, Hostel facility, institute properly discuss and resolve with mutually agreed solutions. To match with today's need for fast and accurate information, institute provide access to fast internet to students. Student's inputs and complaint regarding same are properly studied and addressed. Institute also follows Earn and Learn Scheme.

As an integral part of student engagement in social activities during their programme of study, college also asks the students to enroll as NSS Volunteers. It aims at inculcating values, ethics and socially responsible qualities. Students organize street plays, awareness campaigns, camps etc.

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

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

10

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	View File
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

486

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

1.4 - Feedback System

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

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

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

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

File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	http://cms.sinhgad.edu/sinhgad_engineering_institutes/sknsits_lonavala/feedback-on-curriculum.aspx

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

1170

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

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

168

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

It is a well-known fact that in every year diversified students from different backgrounds join the institute. The ability of learning of the students is highly influenced by their social and economic background as well as their personal abilities and other attributes. The institute has developed a structured mechanism for assessing the learning levels of the students and continuously monitors the same for improving their academic as well as overall performance.

The Institute identifies the special educational/learning needs of advanced learners through -

Students are made aware of the subjects and their pre-requisites by the faculty members. Student's feedbacks, discretion and recommendation of respective subject teaching faculty, identification by external agencies/trainers, the suggestion by respective TG and the result analysis.

The needs of such advanced learners are fulfilled through the following measures,

- Special efforts by subject teachers in extra hours.
- VAP, based on the student's choice.
- Assistance for higher studies like GATE.
- The inclusion of such students in technical forums like, IEEE, SAE, IETE, Microsoft Club, Google Groups, etc.
- Arrangement of Industrial Visit.
- Provision of internship for special hands-on experience at industry
- Allotment of industry-sponsored/supported projects.
- ST

For Slow learner (Identification)

- HSC/ CET Score / SSC Results
- Each department conducts regular tests (unit and prelim, mock exams) & in TG meetings through which needs of weak students are identified.
- Also, results of mid-semester exams help to get information about students who are running the risk of being a dropout.
- The result analysis is done for the examinations conducted by SPPU to identify weak students.
- The mentoring system is implemented in which each teacher is assigned a batch of students with whom they regularly interact. From this interaction, Institute gets information and identifies slow learners and their needs.
- Slow learner and academically weak students -
 - Additional classes.
 - Counselling through TG.
 - Practical - extra practices.
 - Provision of learning material, e.g. videos, PPT, animations, etc.
 - Soft Skills
 - STP

File Description	Documents
Link for additional Information	Nil
Upload any additional information	View File

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

Number of Students	Number of Teachers
953	70

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

In addition to the traditional teaching-learning methods, the institute is providing innovative student centric methods such as

experimental and participative learning such as -

1. Hackathons
2. Internship
3. Clubs/ IEEE/Civil services/Entrepreneur
4. Students Chapter
5. IEEE
6. Industrial Visits
7. Tectonic
8. Workshops /Seminars
9. Virtual Lab
10. Review web literature
11. Invited Talks
12. GD/ debate
13. Peer learning groups
14. IIT spoken tutorials, NPTEL, STP
15. Project- based learning
16. Collaborative laboratories
17. Research projects - Innovation/Avishkar/BCUD/etc.
18. Poster/paper presentation

List of experiential learning -

1. Hackathons
2. Internship
3. Clubs/ Civil services/Entrepreneur
4. Students Chapter(ISTE)
5. Industrial Visits
6. Virtual Lab
7. Activities under Collaborative laboratories/MoUs/

List of Participative learning activities -

1. Tectonic
2. Workshops /Seminars
3. Invited Talks
4. GD/ debate
5. Peer learning groups
6. IIT spoken tutorials, NPTEL, STP

List of Problem solving activities -

1. Project- based learning
2. Research projects - Innovation/Avishkar/BCUD/etc.
3. Poster/paper presentation
4. Industry Sponsored projects

File Description	Documents
Upload any additional information	View File
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Institute has adequate infrastructure such as ICT-enabled classrooms, state of the art laboratories, workshops, seminar halls, tutorial rooms, etc as per the AICTE norms and for the effective transaction of the curriculum. The laboratories are upgraded and equipped with modern equipment, machinery, computer hardware and software required for both academic and research activities. All the departments of the Institute have adequate computing facility both regarding hardware and software. ICT facilities of the Institute are upgraded periodically. Appropriate provisions are made in the annual budget for purchasing, upgrading and maintenance of the ICT infrastructure. For effective teaching learning process all classrooms are equipped with LCD Projectors and LCD Screens. The classrooms are also facilitated with LAN. The institute premise is equipped with Wi-Fi connectivity.

Institute has Learning Management System: Microsoft Teams for conducting Online classes. Institute has FTP server where all NPTEL Videos, data, files and softwares are stored, which can be accessed anywhere within the campus. Further more Institute motivates students for completing online courses. Institute has NPTEL, SWYAM Institute Chapter. Also Institute has Virtual Lab Institute Chapter of COEP, Pune. Students are encouraged to perform practicals using Virtual Lab.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	Nil

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

2.3.3.1 - Number of mentors

41

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

2.4 - Teacher Profile and Quality

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

70

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

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

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

07

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers

70

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

2.5 - Evaluation Process and Reforms

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

Academic calendar: As per the curriculum circulated by SPPU, all the departments prepare the academic calendars to cope-up with the cutting edge technology consisting of following activities -

- o Theory and Practical Sessions
- o Unit Test, Prelim Exams and Mocks
- o Mid Term submission
- o Remedial classes

Class tests: Regular unit wise class tests are planned and carried out for all the students. Retests are also conducted as scope for improvement if necessary.

? Prelim examination: Prelim Examinations are conducted to summarise and conclude the T-L-P of the entire semester. It helps the students as mock of end semester university examinations.

? Mock practical and oral examination: To help students to face real-time external examination conducted by University, a mock session is carried for every subject to improve the performance and hence results.

? Assignments: Regular assignments after the completion of every unit are given to monitor the understanding of content delivery.

? Project presentation and evaluation schedule: Committee is constituted to evaluate the project performance of students in completing their project work time to time and to avoid difficulties if any.

? Mock on-line examinations: To enable the students with a realistic environment of university web based digital online examination, respective internal online mock examinations are planned and conducted.

? Continuous assessment: The assessment of the academic progress of the students is on a continuous basis, the internal term work marks are allotted based on parameters like attendance, understanding and journal write up. SPPU online, practical, oral, term-work examination planning: These examinations are planned and conducted as per the dates and schedule provided by respective subject chairman and competent authorities of University.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

The continuous evaluation of students is carried out by faculty regarding theory lectures, labs, assignments, unit tests, prelim exam, etc. The term work is allotted based on defined strategies further displayed on notice board. Query if any is discussed with faculty and HOD. Issues of fewer term work marks were complained due to lack of attendance, which was rectified at the

departmental level after necessary corrections.

The Institute appoints a Senior Supervisor who controls all the online/ theory examinations, displays schedules, instructs to the students for smooth conduction of examinations of SPPU. If students are facing any problems, they are solved by the College Examination Officer (CEO) appointed by the SPPU. The grievances during the conduction of online/theory examinations are considered and discussed in consultation with the Principal and if necessary forwarded to the SPPU by examination section.

The Institute has established a seprate Examination Section where a full time Exam cleark and CEO are working for conducting examinations and solving grievances related to exams with in stipulated time period.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	https://drive.google.com/file/d/1tfJHbK5kP4pLuhrr0W4ASuM2yIl5p34R/view?usp=sharing

2.6 - Student Performance and Learning Outcomes

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

- The institute has well defined learning outcomes and follows outcome oriented teaching learning process.
- Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) have been formulated for all the UG programs.
- Program Outcomes (POs) represent the graduate attributes adopted by National Board of Accreditation.
- Program Specific Outcomes (PSOs) are specifically defined outcomes of the Program which the graduates have to acquire by the end of the Program.

- Program Outcomes (POs), Program Specific Outcomes (PSOs) of all the UG have been disseminated to the stake holders via Display Media (Department Corridors Notice Board). It is discussed by faculty in the classrooms. Also, COs are available in course file.
- Course Outcomes (COs) are statements that describe essential learning that students should achieve, and can reliably demonstrate it at the end of a course. The Course (learning) outcomes define the knowledge, skills and behavior that a student should be able to demonstrate.
- University specifies the semester wise syllabus for each program.
- Course Outcomes (COs), Program Specific Outcomes (PSOs), Program Outcomes (POs) of some courses are provided by the University in the syllabus. The Institute is following the COs as specified by the University for particular courses. These COs are discussed and finalized in the Board of Studies (BoS) of the respective Programs.
- For every course, 4 to 6 COs as recommended by SPPU are drafted addressing most of the applicable levels of Blooms Taxonomy incorporating knowledge, skill and attitude.
- These COs are modified and reframed, in accordance with the changes in Curriculum and revised as per the need from time to time.
- In addition to the above, there is a continuous thrust given by the subject to make the students aware about the outcomes of any course and convince them to understand the importance of an outcome-based evaluation system.
- Course Exit Survey for students is conducted at the end of each course by the faculty members to understand attainment of COs.
- Graduate Exit Survey for Passout students is conducted at the end of the programme by the Institute to understand attainment of POs.
- Alumni Feedback for Alumni is conducted during Alumni meeting organized by the Institute to understand satisfaction level of programme.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all courses (exemplars from Glossary)	View File

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

- **Response:** The process of assessing the attainment of Course Outcomes (COs), Program Outcomes (POs), Program Specific Outcomes (PSOs) begins with framing Course Outcomes. CO Attainment is calculated based on the performance of students in the assessment tools such as Continuous Internal Evaluation which includes Assignments, Internal exams as Unit Tests and Prelim examination, mock and the In-Semester, End Semester Examinations. Questions given in the various assessment tools are mapped to corresponding COs. and indicated in the question paper.
- CO Attainment of each course is computed.
- The total CO attainment is computed considering the performance of the students in the Continuous internal evaluation, SPPU results and course end survey duly giving weightage to these parameters.
- Process used for assessing the attainment of program outcomes, program specific outcomes is as follows PO & PSO attainment computation is done using two assessment tools.

1. Direct Assessment Tools:

- Assignments, Internal Examinations, In-sem exam, End-Sem Examination, Mock and continuous assessment.

The COs are mapped to the POs and PSOs (on the scale of 1 to 3). CO attainments and the mappings are used for computation of PO & PSO attainment.

2. Indirect Assessment Tools

- Surveys - Course exit survey, Graduate Exit Survey, stake holders feedback.

The questions mentioned in the surveys are mapped to the POs and PSOs (on the scale of 1 to 3).

The responses and the mappings are used for the indirect computation of PO & PSO attainment.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://docs.google.com/spreadsheets/d/17HxXh042G4HrujcYk-g1vHp2ewcALbKa/edit#gid=1598043342

2.6.3 - Pass percentage of Students during the year

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

311

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

<https://docs.google.com/forms/d/18ZatZdqUvXW3yd5kAzmGyRVIOMZFxLJQjLrvSkfGmnw/viewanalytics>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

00

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

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

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

00

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

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

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

during the year

15

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

3.2 - Research Publications and Awards**3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year****3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year**

21

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

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

16

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

3.3 - Extension Activities

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

All the extension activities in the institute are carried out under the banner of NSS. The Institute has unit of NSS under SPPU with 100 volunteers. Every year, this unit organizes different regular activities. These activities are either for the benefit and awareness of neighborhood community or related with some of the social issues. The holistic development of students is achieved through these activities. Here is brief explanation of the activities that are being carried out since last five years.

Every year, 21st June is celebrated as International Yoga Day. It was organized online mode on 21st June 2020 by NSS Unit and student welfare team. Principal Dr. M.S Rohokale, HODs of respective departments, teaching - non teaching staff members and students of different departments participated in the event.

The event was organized online mode; everyone enthusiastically participated in this activity. Mr. Sandhu sir and one student from Sinhgad Public School, Lonavala addressed the importance of Yoga in our daily life for better health and fitness. He taught different ASANAS of Yoga, Surya Namaskar and Pranayam very nicely and appreciated everyone present there for their participation. This event was helpful for students and staff members for getting awareness about the actual impact of Yoga and correct way of practicing it.

Every year, 31st October, birth anniversary of Sardar Vallabhbhai Patel, is observed as National Unity Day. On this occasion online oath of unity is taken by all the volunteers and attendee. This is helping students to understand the importance of unity and integrity.

Constitution day is celebrated on 26th Nov 2020 to make students aware of constitution of India. It helps students to become a good citizen of India in their future life.

SKNSITS NSS in collaboration with Sanjivani -Life beyond cancer, organized webinar on cancer prevention and healthy lifestyle dated 13th Oct 2020.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1nS1RXcCpGSH0XrbBIESS5m1mUWiEc8UZ/view?usp=sharing
Upload any additional information	No File Uploaded

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

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

02

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

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

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

05

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

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

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

413

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

3.4 - Collaboration

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

118

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

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

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

05

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The development and quality education of the institute depends not only on the excellent technical staff but it also requires good infrastructure and related facilities which should be unique and specific. These facilities increase the reputation of the institute, and create the healthy environment amongst staff and students.

The institution has excellent infrastructure required for effective teaching-learning process, co-curricular and extra-curricular activities. The infrastructure has adequate facilities to fulfil the norms laid down by the AICTE, DTE and SPPU. The available facilities are enhanced by addressing the needs of students and faculties to support Research and Development activities in college campus. The classrooms and seminar halls have LCD projector, Internet connectivity, well finished furniture, ventilation, and luminance. Laboratories are regularly maintained and updated. The Charts and models are displayed in the laboratories as per prescribed in university curriculum and for better understanding of theory and practical concepts. Laboratories are equipped with state-of-the-art machines/equipment, open source and latest proprietary software's etc. Institute is a Nodal centre for virtual lab(VLNC) under COEP. Also, for conduction of seminars/workshops/conferences, the campus has a Corporate Training Centre (CTC).

For Internet access and computing purpose, the institute has network of 310 computers with 50 Mbps bandwidth. Centralized firewall is used to monitor the usage of Internet by individuals. All computers are connected by LAN and Internet.

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

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

The institute has Amphitheater, gym hall and cultural room for cultural events such as Spandan, Sinhgad Karandak, Kojagiri, Dandia Night & Holi Celebration. The students and cultural

committees are actively involved in organizing the above events. A separate budget is allocated by the institute for organization of various activities and students.

The Institute has a sports complex which includes running track, football ground, cricket ground, basketball court, lawn tennis court, Netball, volleyball and indoor games likes Table tennis, Chess, Carrometc. A separate gymnasium facility for boys and girls is provided in the institute campus. Students are encouraged to play and participate in different sports. As a result, our students have earned prizes in the various competitions. STES has cricket academy for offering the platform to students who want to develop a career in cricket.

Yoga and meditation sessions are conducted for the students and staff in the premises at sports complex.

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

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

19

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

19

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

000

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

4.2 - Library as a Learning Resource**4.2.1 - Library is automated using Integrated Library Management System (ILMS)**

The library (main and digital) has an excellent collection of books, references, journals, magazines and a book bank facility. National & International printed journals are subscribed to update the current knowledge of the stakeholder in the respective field.

On the basis of changes in curriculum, research requirements, recommendations from staff and on student's demand the librarian raises the requirement of book titles, journals, codes, and standards, etc. and proposes a budgetary requirement for the procurement. Library Committee takes a decision on the provision of allocation of the requirement. Actual procurement is carried out after the allocation of the budget.

The library is automated with AutoLib software Version 0.1 since 2011 and barcode system for the smooth accession of books.

Online Public Access Catalogue (OPAC) is a digitalize search engine, established in the library for ease of searching the books. The system facilitates the search on the basis of title, author, keywords, publisher, etc. It helps to ensure the availability of the book in the library.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	Nil
4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	B. Any 3 of the above
File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File
4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)	
4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)	
0.0299	
File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File
4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)	
4.2.4.1 - Number of teachers and students using library per day over last one year	
50	

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

4.3 - IT Infrastructure

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

In this electronic communication era, the internet communication is very important in teaching learning process. To fulfill the norms of AICTE and University, the institute has very strong IT infrastructure. Institute has enough facilities which are used to continuously nurture the student.

The Institute has separate centralized maintenance system in order to support the IT infrastructure, campus facilities and equipment.

Faculty members are provided with the computer and Internet connection at their respective locations.

All the Computer laboratories and facilities are connected with the Internet and are made available to the faculties and students for their academic needs in their respective departments. Central computing facility with 50 Mbps speed Internet connectivity is available for research & development.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/file/d/1iMSu5T4QWrWmMjwcZ7EDxgFXs-rlTOJk/view?usp=sharing

4.3.2 - Number of Computers

310

File Description	Documents
Upload any additional information	View File
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution	A. ? 50MBPS
File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File
4.4 - Maintenance of Campus Infrastructure	
4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)	
4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)	
41.78	
File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts.	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File
4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.	
<p>Maintenance of Laboratories:</p> <p>The Lab Assistants and Technical Assistants are responsible for regularly maintaining Laboratories. Deadstock register for the laboratories equipment is maintained by each department . Proper inspection and verification of stock takes place at the start of every academic year. Repair and Maintenance of laboratory equipments/instruments are initiated by the respective Laboratory In-charge as and when required. The record of maintenance/repair/calibration of the respective equipments is maintained . As a precautionary measure laboratory in charge, along with laboratory assistant, ensures proper working of all equipment at the beginning of each semester.</p>	

Maintenance of Library Facilities:

The library has a reading hall and separate computers for students to access e-journals, while the subscribed e-journals can also be accessed from any networked computer in the institute. The books and journals are maintained against disfiguring. Book binding is carried out on regular basis for damaged books to avoid further damage. Stock verification is done as a part of regular monitoring and control. Pest control is done on regular basis for maintaining books safe from termites. • Procurement of new books & renew of journals and recommendation for additional books • Updating and maintaining of all library records • Addressing issues and grievances of users • Update and upgrade the library contents, periodically as per updates in curriculum.

Sports Complex

The sports director handles sports complex and the facilities are maintained by the Estate office. The institute has large open grounds for cricket, football, volleyball and basketball and a gymnasium utilized by the students. Sports equipments are periodically inspected and necessary repairs are done as and when required and new gears are purchased accordingly.

Computers:

The institute has an adequate number of computers with internet connections and utility softwares. Lab Assistants and Technical Assistants maintain computer systems, UPS, Softwares and Servers. Anti-virus software is purchased and is renewed annually for the smooth working of all the computers in the institute.

Classrooms, Conference Hall:

Classrooms and Conference Hall are available with enough seating capacity and LCD projectors. Cleanliness of classrooms and Conference Hall is maintained on daily basis.

Maintenance of other support facilities:

• Estate department carries out maintenance of infrastructural facilities. Housekeeping services are regularly executed and monitored by estate department.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

690

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

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

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

00

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

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above
File Description	Documents
Link to institutional website	http://cms.sinhgad.edu/sinhgad_engineering_institutes/sknsits_lonavala/naac.aspx
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File
5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
85	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
85	
File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File
5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File
5.2 - Student Progression	
5.2.1 - Number of placement of outgoing students during the year	
5.2.1.1 - Number of outgoing students placed during the year	
76	
File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
5.2.2 - Number of students progressing to higher education during the year	
5.2.2.1 - Number of outgoing student progression to higher education	
7	
File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
Details of student progression to higher education	View File
5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)	
5.2.3.1 - Number of students qualifying in state/ national/ international level examinations	

(eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

02

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

5.3 - Student Participation and Activities

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

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

00

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

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

Yes, the institute has a students representation and engagement in various administrative, co-curricular and extracurricular activities.

The objectives of forming student council are to: Organise institute level/department level events.

? Improve academics, co-curricular, cultural and extracurricular activities. ?Motivate the students for teamwork.

? Acquire leadership qualities.

? Learn event managements.

? Interact with Institute management to resolve difficulties.

Activities of Students Council are to: ? Organise national or university level technical symposium like TECHTONIC ? Motivate students to participate in technical and soft skill events ? Organise yearly national level cultural activity Spandan, Sinhgad Karandak, Neon. ? Celebrate Independence Day, Republic Day, Teacher Day & Engineers Day. ? Organise blood donation camp, tree plantation, voter's awareness programs, etc. ? To organise University level activities Funding: There is no funding from any Government body. Institute bares all the expenses of the activities organised under students' council.

Student Council Overview- A Student Council is a group of elected and volunteer students working together with an adult advisor within the framework of a constitution or bylaws to provide a means for student expression and assistance in College affairs and activities, give opportunities for student experience in leadership and encourage student / faculty / community relations

PROMOTE CITIZENSHIP • By supporting and further developing democracy as a way of life • By involving students in meaningful, purposeoriented activities • By helping each student develop a sincere regard for law and order appropriate to this democratic society • By leading each individual in developing a sense of personal responsibility and earned self respect • By example through teaching the processes and procedures of a democracy • By encouraging desirable attitudes and the continuous upward development of valued patterns of good citizenship • By providing a forum for student opinions, interests and desires so these may be understood by the entire student body, faculty, administration and community • By honestly reflecting and interpreting the student viewpoint

PROMOTE SCHOLARSHIP • By contributing to the total educational growth of all students in the institute • By encouraging highest standards of scholarship and positive student involvement in learning and thinking • By providing experience in genuine problem solving procedures • By providing training and experiences in the skills and techniques of good citizenship and leadership to prepare articulate citizens and leaders for a progressing society

PROMOTE LEADERSHIP • By providing young people with the power and right to speak and, especially, the power, right and privilege of being heard by those in authority •

By avoiding the commercial or cultural exploitation of students • By promoting opportunities for leadership among student body members • By utilizing the ideas and support of students in solving relevant school problems PROMOTE HUMAN RELATIONS • By helping create harmonious relationships among faculty, administration, student body and the community • By providing organized services to the school in the interest of the general welfare • By communicating purposes, activities and the other positive elements of school life through mass media to the entire community • By helping young people further realize the genius and dignity of each individual PROMOTE CULTURAL VALUES • By providing real experiences in group development and human understandings • By helping students earn and protect individual rights and responsibilities • By selecting projects and activities which seek to achieve purposes which are significant in the life of the school community • By helping each student reach maximum educational growth and development OBJECTIVES OF STUDENT COUNCILS 1. To initiate, implement, and complete projects and activities which will be of help to the school, the students, the faculty, the administration, the Board of Trustees and the community. 2. To develop and provide opportunities for leadership and service in the local school and in the community. 3. To encourage personal growth of leaders through participation in district, state and national meetings and organizations. 4. To provide a living workshop

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

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

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

593

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

5.4 - Alumni Engagement

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

The college has started Alumni Association on Sep. 27, 2017. The registration number of Association is "Maharashtra / 1362 / 2017 / Pune / Sep. 27, 2017. By the end of the academic year 2021, the alumni association had grown up to 3200 plus members.

The main objectives of this official Alumni Association are to

- Create a strong network between Alumni and Institute.
 - Create a strong network for Alumni progression as well as student's progression.
 - To provide a forum for the Alumni for exchange of ideas on academic, cultural and social issues by organizing and coordinating reunion activities of the Alumni.
 - Maintaining the updated and current information of all Alumni.
- With these objectives, we are sure that we can increase strong bonding among alumni and Institute. Many of our Alumni occupied prominent positions in different sectors like in Banking, Finance, IT, Teaching, Entrepreneur etc.

Institute is having a track record of outstanding performances of its pass outs in different spheres. Many of them are occupying key positions in many private and public sector undertakings in India and abroad and have brought laurels to the institute.

Most of alumni always contributed their knowledge and helped to

institute in different way:

Placements The alumni network of a institute is one of the biggest sources for placement. Alumni always help to place their juniors at their respective organizations.

Mentorship Our alumni always play an active role in voluntary programmes like mentoring students in their areas of expertise.

Career Guidance alumni is a huge talent pool whose guidance can be beneficial to many students and other fellow alumni in their respective areas of study.

Networking Platform: alumni network by itself is one of the best professional networking platforms available today in institute.

Newsletter: Institute is publishing its quarterly newsletter which includes all the events happened in institute. This newsletter is always shared with all the alumni through which institute always get to know their feedbacks and suggestions about the activities conducted in institute. With the changing scenario IMRD also adopted latest technology and connected various alumni via different whatsapp groups, social websites like facebook, LinkedIn. Total 700 plus alumni are connected via whatsapp group. More than 3300 plus alumni are connected via facebook and LinkedIn. The alumni of Institute is guiding and nurturing our students to become more technical for IT industry. It is our plan to develop everlasting relations with our alumni which in turn will give rise to mutual benefits. Roles

Responsibility:

- Making a Strong network between Alumni and Institute
- Organizing Annual Alumni Meet
- Organizing and Participation in Induction Session during Orientation Program.

Alumni Students Donated books to Institute Library.

Alumni contributes their knowlde to the institute for different training programs.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1R6SRJ1xoKr-MyTK8NeEllzJB1m00CdJe/view
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)	E. <1Lakhs
File Description	Documents
Upload any additional information	View File
GOVERNANCE, LEADERSHIP AND MANAGEMENT	
6.1 - Institutional Vision and Leadership	
6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution	
<p>Governing Council</p> <p>The Governing Council is the highest policy making body in the matters of academic and administrative importance.</p> <p>College Development committee (CDC)</p> <p>Sets objectives in consonance with the quality policies and shares its vision. Creates an atmosphere that is fair, transparent, motivating and conducive to faculty and staff to realize their potential.</p> <p>Administration Structure</p> <p>The governance of the quality system is a reflection of the College mission and vision which is evident from the administrative hierarchy followed in all academic and administrative aspects and achievements made by all concerned. The President of College Committee is the chairman of the Governing Council of SKN Sinhgad Institute of Technology and Science College. Principal is entrusted with the responsibility of smooth and effective functioning of institution. As a decentralization measure of general administrative responsibilities, various committees are formed for each and every activity of the college.</p> <p>Heads of Departments are responsible for the academic and administrative matters of the corresponding department. Every Faculty members in college are empowered to strengthen and support the Head of Departments in providing outcome based education. Class teachers and teacher guardians are assigned for each class are empowered to monitor and counsel the students on</p>	

academic and personal development. Other stakeholders such as alumni, employers, industry and parents are given an opportunity and responsibility to further the progress of the institution wherever possible and suitable

The proof of the good governance is reflected in the academic excellence, Students placement, Research and Development, Students outcomes. is the proof of that effective governance. Evidence is the NAAC accreditation for all UG programs with 'A' grade, conforming our quest for achieving excellence in providing world class quality education

File Description	Documents
Paste link for additional information	http://cms.sinhgad.edu/sinhgad_engineering_institutes/sknsits_lonavala/about_us.aspx
Upload any additional information	No File Uploaded

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

Heads of Departments are responsible for the academic and administrative matters of the corresponding department. Every Faculty members in college are empowered to strengthen and support the Head of Departments in providing outcome based education. Class teachers and teacher guardians are assigned for each class are empowered to monitor and counsel the students on academic and personal development. Other stakeholders such as alumni, employers, industry and parents are given an opportunity and responsibility to further the progress of the institution wherever possible and suitable.

Activity incharges are assigned by the principal for every activity. For every activity there is one institute coordinator who is responsible for planning the activity in concern with the departmental coordinators. At the end of every semester the institute coordinator is supposed to submit the report of the respective activity to the principal.

File Description	Documents
Paste link for additional information	http://cms.sinhgad.edu/sinhgad_engineering_institutes/sknsits_lonavala/about_us.aspx
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Strategic/ perspective plan is planned during the IQAC meeting at the beginning of each semester and is communicated to all the departments. The HODs along with the departmental faculty members execute and deploy the planned activity .

SKN Sinhgad Institute of Technology & Science, Lonavala conducted a Two Days e- National Conference On Advances in Modern Technologies of Multidisciplinary Research in Engineering Field (AIMTMREF) 20th-21th May, 2021 In association with ISTE , IETE and CSI

The objective of the Conference is to provide a platform to the UG/ PG Students, researchers, academicians and industry persons from the field of Electrical, Electronics, E&TC, Mechanical, Production, Automobile, Computer, Information Technology, Civil & Related areas to present their papers, innovative ideas

Conference Topic

The original and unpublished research research/review papers were invited in the conference on following topics (but not limited to)

1. Control and Transmission

- Power Electronics & Energy Efficient Drive
- Smart Grid
- Control Theory and application
- Reliability and continuity of supply

2. Application of Advance Computing & Informatics in Engineering

- Data mining, cloud computing & IOT
- Machine learning and optimization

- Information and cyber security
- Social media, multimedia and web analytics
- Artificial intelligence

3. Application of Engineering in Manufacturing

- Additive Manufacturing
- Mechatronics
- Robotics
- Rapid prototyping
- Manufacturing and process automation.
- 4. Application of Wireless & Embedded in Engineering
- Instrumentation for communication
- Emerging trends and development in VLSI
- Optimization using neural network
- Microwave system and application
- Signal and image processing

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://www.oaijse.com/Archive.aspx?IssueID=71
Upload any additional information	View File

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

The institutional bodies is effective and efficient as visible from policies which are well defined and communicated to all the faculties and staff members. Administrative setup is ready with all supporting facilities , appointment and service rules, procedures, etc are well defined as per the statutory authorities and STES.

1. Governing Body & CDC
 - Frame directive principles and policies.
 - Amend and approve policies from time to time.
 - Approve budgets.
 2. Principal Define & delegate responsibilities of various positions in the organization.
- Ensure periodic monitoring & evaluation, of various

processes & sub- processes.

- Ensure effective purchase procedure.
- Prepare annual budget.
- Conduct periodic meeting of various bodies such as Governing Body, CDC, and Grievances Redressal Committee etc.
- Manage accounts and finance.
- Employee recruitment process.
- Office Administration.
- Compliance with AICTE, DTE & University.
- Admission.
- Oversee the teaching-learning process.
- Internal and External examinations.
- Head of Departments
- Plan and execute academic activities of the department.
- Maintain discipline and culture in the department.
- Pick and promote strengths of students / faculty / staff.
- Monitor academic activities of the department.
- Propose Department Budget.
- Maintain records of departmental activities and achievements.
- Office Incharge
- Liaison with AICTE, DTE and University
- Preparation and submission of various reports of statutory bodies like AICTE, DTE, Fee Regulatory Authority, SPPU and so on?
- Co-ordination in smooth functioning of various sections of the admin office- Admin, Student Section, Account Section, Establishment Section, Examination Section
- Maintenance of all types of records related to student admissions, scholarship, examination and results, faculty and staff pay roll, institute budget, attendance, leaves, faculty personal files, service books
- Librarian
- Plan and propose expansion /development.
- Maintain library discipline and culture.
- Prepare annual budget for library.
- Placement Officer
 - Liaison with industry.
 - Identify and provide for training needs of students.
 - Arrange campus interviews.
- Alumni Co-ordinator
 - Ensure alumni registration.
 - Support a strong relationship between the Alumni Association and current students.
 - To help Institute for effective liaison to Industry.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	http://cms.sinhgad.edu/sinhgad_engineering_institutes/sknsits_lonavala/about_us.aspx
Upload any additional information	No File Uploaded

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

The Institute has effective welfare schemes for the benefit of its teaching and non-teaching staff. Institute understands that faculty is the backbone of the educational system. Therefore, the skill sets and the core competency of faculty are required to be upgraded on regular basis.

- Accidental insurance
- Staff quarters with special hill top allowance.
- Free medical facilities for staff and their family.
- Registration fee for FDP programs
- Maternity leaves ,extended maternity leave and early leave.
- Employee Provident Fund (EPF) with 100% gratuity for all staff.
- EMBF(Employee mutual biennial fund)
- Admission to the wards in the institution

- uniform for security guards.
- Bus facility.

- Training for faculty and staff:

The Institute facilitates various training programs for teaching and non-teaching staff members such as Train-The-Trainers, Accounts

Policy for Higher Studies:

The Institute recognizes the need for continuous qualification upgradation.

Institute motivates and supports faculty members financially for acquiring higher degrees from renowned and accredited Universities.

Research Promotion Scheme:

From time-to-time faculty may want to work on different research-oriented projects or purchase equipment or develop software that can be beneficial to the institute or can be a new exploratory project.

- Leave: The Institute has various leaves like casual leave, sick leave, earned leave, maternity leave and compensatory leave.

- The institute has a sponsorship fee reimbursement scheme for STTP / Workshop/ Trainings /Professional Membership:

Institute encourages faculty and staff members for acquiring the latest skills by supporting them to attend various programs/ conferences/STTPs. The policy for reimbursement of fees paid for such STTPs/Workshops is in place. The institute also reimburses travel cost for faculty for travelling to conferences outside of Pune.

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

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

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

02

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

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

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

03

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

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

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

69

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

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

The various parameters of performance appraisal system of faculty to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal are listed in the below table. IQAC gives comments and suggestions to

faculty and staff which are useful for their performance improvement.

Appraisal System of the Faculty

PART A - To be filled by Individual Faculty PART B - To be filled by HOD ? Qualification acquired during reporting period ? Quality of Job ? FDP/ Continuing Education Programs/ Industrial Training etc. attended ? General Intelligence ? Participation in Seminar/ Workshop / Conference ? Integrity and Character ? Seminar / Workshops / Conferences / Courses conducted as Coordinator ? Reliability / Dependability ? Consultancy Work / or Externally Funded Research Projects ? Punctuality ? Research Publications ? Fitness to continue in the present situation ? Books Published ? Relation with Colleagues / Students and their Parents ? Membership of Professional Bodies ? Brief about Punishments / Rewards ? Industrial Liaison ? Control over class and discipline ? Patents Obtained ? Students Feedback ? Result Performance of Subject ? Proficiency in subject of Specialization ? Weakness in Teaching through Students Feedback ? Initiative to do work ? Guest Lectures given to outsiders as an Expert ? Organizing ability ? Participation in Departmental Activities ? Involvement in conducting and arranging communication skills / personality development / VAPs ? Institutional Activities ? Efforts taken to overcome weakness in Teaching ? Co-curricular Activities ? Leave Without Pay Availed during period of Assessment

Appraisal System of the non teaching Faculty

PART A - To be filled by Individual Faculty PART B - To be filled by HOD Improvement in qualification/Skill during reporting period

•	Quality of Job/Accuracy	Nature of duties performed
•	General Intelligence	Difficulties if any faced while performing assigned duties
•	Capacity to get work done	Initiative to do work
•	Colleagues and others	Relation with
•	Integrity and Character	Response to work/Promptness
•	Dependability/honesty	Reliability /
•	willful worker	Punctuality
•	period	Whether
•	Punishment/reward	Outstanding work done during the
•	Pay Availed during period of Assessment	Leave Without
•	Assessment	Overall
•	Recommendations, if any	

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

6.4 - Financial Management and Resource Mobilization

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

The institute has mechanisms for internal and external audit. Internal audit is carried out periodically. External audit is carried out once in a year. External Auditor verifies all receipts & expenses bills, payments of the Financial Year (FY). The external audit of FY 2020-21 was carried out. There were no major objections in balance sheet assessment.

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

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

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

0.03778

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

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

The effective use of available financial resources of institute are explained as below:

- Principal sends a mail/ notice to all HODs to prepare the departmental budget.
- The HOD circulates the notice regarding requirement of laboratory equipments, consumables, repair and maintenance, stationary, furniture, books etc. Discussion is carried out with faculties and laboratory in charges to give their positive inputs to obtain nonrecurring and recurring expenditure of each year.
- Individual departmental budget is prepared and submitted to the Principal.
- Budget of individual department is finalized by HOD and principal.
- Finally, Principal consolidates the budget in the CDC meeting for recommendation and approval.

The final budget is then scrutinized and sanctioned in the board meetings. Also, if any emergency expenditure is required HOD's and Principals can discuss and request to the President, Secretary and vice president for instant approval.

When the final sanctioned budget copy arrives principal allocates the departmental budget.

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

6.5 - Internal Quality Assurance System

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

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes as given below.

1. Career Counselling Cell :

Career Counselling Cell provides necessary guidance to students about the competitive examinations and develops employability skills to face the challenges of the new era.

SKNSITS have established a centre entitled as, "CCC-SKNSITS-Lonavala" for the holistic development of students. Every Friday centre holds meeting to take a review of last week work as well as proposed activities of next week. All the coordinators of this centre are working enthusiastically and actively since the establishment. Under this Centre various activities such as Webinars, Conferences, Guidance of experts like IAS, IPS, recognize people from society and industry etc are organised. It has also started various foreign language (German, French, and Japanese) certificate courses to make students multilingual and find a bright career in multinational companies. This centre celebrates various days' like Mahila Din, Yoga Day etc. It also conducted tree plantation in-campus to keep the environment clean and neat. Under this centre, quiz series is also conducted for the students.

2. Honor Courses :In this era of cut throat competition, it has become one of the major objectives of the Educationists and the Universities to inculcate the contents, practices and processes in view of making the learners enriched and competent enough to satisfy the multidisciplinary requirements for various job profiles and career prospects. All India Council for Technical Education (AICTE) has decided to allow the learners to acquire Honours/Minors with respect to certain exotic and state-of-the-art Engineering domains. With this facility students can acquire Honours/Minors by earning certain number of credits. SPPU has taken this opportunity and decided to allow the learners in the affiliated colleges to avail these facilities.

SKN Sinhgad Institute of Technology & Science, Lonavala offers students Honor Courses in Third Year of Engineering for all Departments. Separate SPPU Honors' Degree of Two Years is offered to students after successful completion of required requirements from SPPU. Institute is offering these Honor Courses free to students.

Following are the Honors' Courses offered by Institute to students for all departments of Engineering.

1. Artificial Intelligence and Machine Learning

2. Cyber Security

3. Data Science

4. Internet of Things

5. Virtual Reality and Augmented Reality

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

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

Yes The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms

Academic Outcomes and Industry expectations are seldom found to converge and the attempt to get them to converge has been basis for many of the curriculum development strategists.

However, being a university affiliated college, it becomes difficult to transfer the fast-changing technologies to the students. To bridge this gap, following academic initiatives have been taken in the institute in the last year that have helped our academic pursuits to converge with industry expectations.

Internship : For the internship Institute has MOUs with various industries ie Intershala, CAD CAM GURU Solutions Pvt. Ltd. Pune etc. The mission of intershala is to equip students with relevant skills & practical exposure through internships and online trainings. Students are promoted for internship through intershala initiatives.

STP : Worldwide, the advancement in technology has not only revolutionized the scope of engineering education, but also

redefined the expectations from engineering graduates. At SKNSITS, a need was identified to start an innovative practice "Student Training Program" that would help the students to build a personality equipped with exquisite technical and soft skills. With this in mind, a state-of-the-art STP is being implemented from the year 2013-14. The aim of the program is to enhance the quality of the students by empowering them with skills those are globally at par.

The objectives of the STP are to:

- Enhance the employability opportunity.
- Prepare students for entrepreneurship and
- Prepare students for higher education in India and abroad.

Traning for placement : Support for placements is given to the students through the following Employability test.

- FUEL Training and Employability Test
- First Naukari.com FNAT and FCODE Employability Test-1
- Technical & General Aptitude Test-1
- Technical & General Aptitude Test-2

Series of such Employability test have helped in increasing the graph of placements .

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

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://drive.google.com/file/d/1hgMxRMYliAYraontPUeYqKl5kNlHHGF1/view?usp=sharing
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Gender equity in education means that males and females have equal opportunities in terms of economic, social, cultural, and political developments. If gender equity is exactly achieved this will contribute to future of girls and boys more than approaches men-centered, and girls will get benefits from public and domestic life as much as boy. Sensitization of the students is done through special lectures and functions.

The Internal Complaint Committee was formed with objective to sensitize & equip students with issues related to gender sensitization, women empowerment etc.

Female employees also get maternity leave, child care leave and are also entitled to avail leave on adoption of child.

Students apprised of the gender issues during the Orientation/ Induction Program held for newly admitted students each year.

Central physical work out facility provided for students. Indoor & outdoor games for boys & girls students and staff were held on various occasions.

Institute has taken several measures to enhance safety & security on campuses by constituting Internal Complaints Committee (ICC), installing CCTV cameras & by providing round the clock security. The security guards are also available at Girls hostels. Faculty

has been directed to keep the door of the lecture hall open during classes.

The ICC ensures that posters promoting gender equity & sensitization are placed on the Notice Boards. A Complaint Box is placed in the corridor of building - A. Mobile numbers of the ICC Chairperson and members are made available on the Notice Board. Strict confidentiality is maintained by the ICC to encourage the complainant to lodge complaint without fear.

Counselling is provided to the complainants and the respondents independently by the ICC. The Counsellor of the institute provides counselling to students of all departments. Training & Placement cell also conducted special lectures, mock interviews etc. for career counselling of students.

Institute also organised training programmes, seminars, workshops etc. on gender equity and sensitization.

File Description	Documents
Annual gender sensitization action plan	https://drive.google.com/file/d/1ttakkSxaZfJtPlvtrAsjtXnhOMRYR7MR/view?usp=sharing
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://drive.google.com/file/d/1Qm8mol4JdJTmfZWtr5xzVq4_y8FdF3mU/view?usp=sharing

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

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

Hazardous chemicals and radioactive waste management

1. Solid waste management:

Daily garbage is collected by housekeeping personnel and handed over to Municipal garbage vehicle. Institute has installed sewage disposal plant of 2.31 Lakh litre capacities. FAB reactor of 3.55 Lakh litres is used to treat around 3.5 lakh litre wastes from the campus.

2. Liquid waste management

All waste water lines from toilets; bathrooms etc. are connected to Municipal drainage mains after passing through sewage disposal plant. Secondary tube settler of 0.77 lakh litres, Sludge dig ester tank of 1.485 lakh litre, chlorine contact tank of 1.485 lakh litres, pressure sand filter and activated carbon filter of 10 lakh litre each are set up at waste disposal plant. In Lonavala there are large no. of water fall, so the institute has plans to adopt the rainwater harvesting to tap this natural resource to recharge the tube wells on the campus. These tube wells supply a major chunk of the water to the campus habitation after being treated in the plant.

3. Biomedical waste management

Biomedical waste from institute hospital and hostels is collected at the RHTC Department as per the category of waste. This waste is transported to Pune at Shrimati Kashibai Navale Hospital of STES. Collectively waste is given to the agency to dispose.

4. E-waste management

The e-wastes are disposed of periodically through a professional e-scrap vendor. Inspection of computer and different E material is done periodically by expert teams. The waste is segregated.

5 Waste recycling system

Recyclable waste material like plastic, papers, etc. are collected and sold out to scrap vendor from time to time. Use of old one side papers is done to do the rough printing which saves paper.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	https://drive.google.com/file/d/1KnpYhPrAtw7NQF0Sh_BaR9q11trcsPbs/view?usp=sharing
Any other relevant information	View File

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

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

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. landscaping with trees and plants

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

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the

A. Any 4 or all of the above

**following 1.Green audit 2. Energy audit
3.Environment audit 4.Clean and green
campus recognitions/awards 5. Beyond the
campus environmental promotional activities**

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

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

A. Any 4 or all of the above

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

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

SKNSITS Lonavala carried out various activities for providing and inclusive environment, activities such as SPANDAN - annual gathering of college in which traditional days celebrate and cultural ethics inculcating to students. Maintain tolerance and harmony toward regional, linguistic and other diversities sarsvatipooja for north indian students, In the month of holy Ramzan providing prayer room to students, dandiya festival, shivjaynti Celebrations. Also for socioeconomic in our institute implements Earn and Learn Scheme for students whose financial background is weak.

Response:

1. SPANDAN:

SPANDAN is an annual gathering event organized by SKNSITS. SPANDAN offers a platform to the students to show their skills other than academics. Every year SPANDAN was organized in the second semester Jan or Feb month. Various events were organized like Solo Singing, Duet Singing, Solo Dance, Duet Dance, Group Dance, Fashion Show, Mr. and Miss SKNSITS, Stage Play, Ages of Rock, etc. Students from various departments are participating in this event and get chance to explore their extra-curricular skills apart from their academics. Various judges from different fields were invited to judge the students performance and select the best among them. Event is aimed at overall development of the students.

2. Earn and Learn Scheme :

The main objective of the scheme is to develop a student as a multifaceted personality with academic excellence and a commitment to an egalitarian society. India lives in her villages and to bridge the gap between rural Bharat and urban India, this scheme is basically undertaken for the benefit of students coming from the rural areas, who are economically backward, intelligent, and meritorious but cannot afford higher education, needy and financially hard pressed. It inculcates in the student the idea that no work is big or small and develops a work culture with the right aptitude. This is a vision of keeping our youth gainfully employed as well as to contribute from civil society. This is a paradigm shift in the way we see higher education. This will make higher education accessible and available to the poor,

meritorious and the marginalized.

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

Response:

The Institution is organizing the following national festival days and on great Indian leader's birth anniversaries. India is worldwide known for its cultural diversity and colorful festivals.

Savitribai Phule jayanti- : 03 January

Every year, on this day, in our College NSS unit hoists the Savitribai Phule Jayanti in the College premises to commemorate and addresses the faculty and students.

Republic Day -26th January:

Every year, on this day, in our STES Campus Chief Guest/Principal hoists the National flag in the campus premises to commemorate Republic Day and addresses the faculty and students.

Independence Day - 15th August:

Every year, on this day, in our STES Campus Chief Guest/Principal hoists the National flag in the campus premises to Commemorate Independence Day and addresses the faculty and students.

Teacher day - 5th September:

Teachers' Day is a special day for the appreciation of teachers, and may include celebrations to honor them for their special contributions in a particular field area, or the community .We are organizing Teachers' Day Celebrations and felicitating teachers who obtain higher qualification and academic achievements during the current academic year.

Engineer's day - 15th September:

The institute is conducting Engineers' Day celebrations every year on 15th September i.e., Sir Mokshagundam Visvesvaraya birth anniversary. During these celebrations, the students are encouraged to exhibit their creative technical models and are evaluated by judges from premier organizations. This event

increases creative thinking in the young minds of engineering students.

Reading Day Dr. A.P.J. Abdul Kalam Birthday - : 15 October

Every year, on this day, in our College NSS unit hoists the Reading Day to the students.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

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

SKNSITS Lonavala carried out various activities for students & employees to add values, rights, duties to make them a responsible citizen. For that purpose we organise different activities such as tree plantation, blood donation, cleanliness drive, visit to orphanage, NSS camp visits to different villages & many more

1. Tree Plantation:

Our Institute comes under big campus with lot of open spaces. So we launched an extensive Tree Plantation Programme on the occasion of the World Environment Day. The students and teachers selected the empty places and to plant saplings in a well-organised way.

The saplings were supplied by the local government nursery. In order to restore the eco-balance of the afforestation drive was taken with all seriousness.

2. Blood Donation:

Blood is a significant component of our body which constitutes almost 7% of the body weight. Blood donation is a noble act where

a healthy person donates blood for the use of ailing people. Our institute organises blood donation camp each year by taking help of Smt Kashibai Nawale Medical Hospital. In this drive teachers as well as students take part. Each year we are able to collect more than 100 bottles of blood through this drive.

Blood donation camps are held in our campus to spread awareness about the importance of blood donation so that more people can contribute towards the process of saving lives.

3. Swachhbharat abhiyan (Cleanliness Drive):

Mahatma Gandhi rightly said, "Sanitation is more important than independence". Swachh Bharat Abhiyan was launched by the Government of India to solve the problems of sanitation and waste management in India by ensuring hygiene across the country. We, Sinhgad institute organized cleanliness drive in our campus as well as in nearby villages by taking help of our NSS students.

4. Visit to Orphanage:

An orphanage houses children of various ages who either have no family or have lost their families in natural calamities. The home usually has a care-taker who monitors the children of the orphanage and a few helpers to take care of the residents.

A visit to an orphanage is a life-changing experience as it is filled with emotions and sentiments. We, as an institute each year collect money, grains, cloths & other things which are required for orphanage. Then few staff members along with students visit to orphanage, they spend a day with those children & give them love with necessary things.

5. NSS camp to village for water conservation:

Water conservation is the only way to save water in the future to solve the problem of water scarcity. In India and other countries of the world, there is a major shortage of water. By considering

this issue NSS of SKNSITS Lonavala visited a village, they spent couple of day over there to clean natural water source & build a BANDHARA made up of bags filled with sand & stone.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	View File

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

A. All of the above

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

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

National Service Day

On the occasion of NSS Day, 24th September, NSS Unit of SIT College organized a many social events for the students. In 1958 Jawaharlal Nehru introduced the idea of the social service. Aim of that NSS unit is to provide experience of young students about

the community service. On this day students play street play in front of all students and staff on a social subject and give the awareness message to society.

Republic Day and Independence Day

In every year 26 January and 15 August institute celebrates the Republic day and Independence day. The Republic day commemorates the constitution of India which comes into effect from 26 January 1950. The constitution was framed by Dr. B. R. Ambedkar who is the known as "architect of the Indian constitution". On the day 15 August 1947, India becomes independent from British rule. This day also reminds us the struggle of freedom fighter.

Every year institute celebrate Republic Day and Independence Day with all teaching, non teaching staff and students from Sinhgad Campus Lonavala. The program starts with Flag Hosting at the hands of Chief Guest. After that National Anthem is going on. March Past, Patriotic songs, and various acts and skills are presented to the gathering by the school students. After that speech was delivered by Chief guest about the significance of that day and lastly Sweets are distributed to all.

Engineers Day

In India every year we are celebrate 15 September as "Engineers' Day" to memorialize the birthday of the legendary engineer Sir Mokshagundam Visvesvaraya. Sir Visvesvaraya, an eminent Indian engineer. On the occasion of Engineer's Day Celebrations many Technical events were organized in the Department of Computer Engineering, Electrical Engineering, E & Tc Engineering, IT Engineering, Mechanical Engineering .

1. International Yoga day

21st June is celebrate as The International Yoga Day all over the world. This idea was put forward by our Prime Minister, Mr. Narendra Modi in 2015, Yoga is not about exercise. It is more than physical activity." The aim of this yoga day is make people aware of the benefits of the yoga. The yoga is an ancient art which is

originated in India around five hundred years ago. This program starts with inaugural speech of the chief guest related to the Yoga and exercise. This day is the longest day of the year ..

"International Yoga Day was organized on 21st June 2017 by NSS Unit and student welfare Team. Principal Dr. M.S. Rohokale sir, HODs of respective departments, teaching - non teaching staff members and students of different departments participated in the event.

The event was organized in the seminar hall of Mechanical Department in the B building (B-305) at 1 PM. Everyone enthusiastically participated in this activity. Mr. Sandhu sir and two students from Sinhgad Public School, Lonavala addressed the importance of Yoga in our daily life for better health and fitness. He taught different ASANAS of Yoga, Surya Namaskar and Pranayam very nicely and appreciated everyone present there for their participation. . This event was helpful for students and staff members for getting awareness about the actual impact of Yoga and correct way of practicing it.

This "INTERNATIONAL YOGA DAY" was successful due to active participation of all the students as well as teaching non teaching faculty members. For successful conduction of the event we are thankful to our Principal Dr. M.S Rohokale Sir.

National Voters Day

Every year this day is celebrated by NSS unit and give the message to students and staff regarding registration for voter. This program is create awareness regarding voting.

Savitribai Phule Jayanti:

In 18 th century women has no freedom .women did not have right to education. In such a situation Mahatma Pfule taught Savitribai to read and write .In 1948 Savitibai Phule and Mahtma phule established first school for girls in Pune. She is the first female teacher.Savitibai Phule worked against the horrific practices such as child murders ,child marriages . On this occasion all students ,faculty members and our principal we all

come together and worship the image of Savitribai Phule .

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

7.2 - Best Practices

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

BEST PRACTICE 01: STUDENTS' TRAINING PROGRAM (STP)

1. STUDENTS' TRAINING PROGRAM:

Title of the Practice: Student Training Program

The Student Training Program (STP) aimed to build a personality equipped with exquisite technical and non-technical skills, which are globally at par.

Objectives of the Practice:

The objectives of this Practice are to Enhance the employability opportunities to the students through different sessions and technical tests.

To prepare students for entrepreneurship

To prepare students for higher education in India as well as Abroad.

To ensure a collective effort towards the all-round development of the students.

The Context:

Training incorporated into the curriculum to help prepare and

evaluate the students in technical and non-technical skills.

Worldwide, advancement in technology has revolutionized the scope of engineering education and redefined expectations from engineering graduates.

At STES, a need was identified to start an innovative "Student Training Program" that would help the students to build a personality equipped with exquisite technical and non-technical skills.

The Practice:

Training provided is based on the need of the student. Program is spread over 7 semesters.

Total duration of program is 120+ hours.

Program provides training and practice on:

Soft Skills,

Technical Fundamentals,

Research Methodology

Value Added component,

Quantitative Aptitude and Logical Reasoning and

Group Discussion and Interview preparation.

Evidence of Success:

Students have given the tests which is conducted by departments and it benefited them for their placement's activities.

Problems Encountered and Resources Required:

This program is divided into semester wise to all SE, TE and BE students and resources has been created with the help of an expert peoples. The flow of program is given below:

SE Semester I (STP 1) : Soft Skills, AMCATest - Pre,

1. Goal Setting

2. SWOT Analysis,
3. Resume
4. Report
5. Letter
6. Group Discussions
7. Listening
8. Presentation
9. Public Speaking
10. Behavioural Skills

- The above modules are conducted by expert faculties from department.

SE Semester II (STP 2): 4 Pillars of Communications, AMCATest - Post

Total 8 Sessions

Based on 4 Pillars i.e. Listening, Speaking, Reading and Writing, 2 Sessions each AMCATPost

The result of the student is expected to be improved with respect AMCAT@SE Semester 1

In this test, also, students are not expected to opt for option (domain) modules.

This result also comes on email of the student.

TE Semester I Technical Training (STP 3): Technical Training (Based on Frequently Asked Questions in Personal

Interview, GATE, etc., AMCATest - Pre (With Domain Modules)

Total 5 Sessions of 2 Hrs, which covers the FAQs in Interview, Questions based on GATE

Branch Specific Sessions

10 Hrs of QA Training by Corporate Trainers

TE Semester II Research Component (STP 4): QA-LR Training Employability Tests (Based on QA-LR), AMCAT - Post (With Domain Modules)

Total 3 Sessions of 2 Hrs, which covers Basics of Research, i.e.

Literature Review, Gap Analysis, Report Writing

Coupled with Seminar @TE as per SPPU Curricula

BE Semester I: Value Added Programs, GD-PI Training, Employability Tests

Maximum 4 Value Added Programs (VAPs) are selected per branch.

The HoDs and Senior faculty branch wise decide based on State of Art Technology, recent trends in the field.

Each VAP is 18 Hrs, 6 Hrs per day for 3 days.

The Academic is suspended for 3 days during VAP. The students have to register for one of the VAP.

Title of the Practice: - Faculty Appraisal System

2. Objectives of the Practice: -

The objectives of the Practice are as follows:

- a. Assess and promote excellence in the teaching-learning process
- b. Meet the educational needs of students by continually monitoring instructional performance
- c. Provide a constructive framework for evaluating faculty performance by identifying areas of strength and areas for improvement
- d. Provide a basis for professional growth and development of faculty members

3. The Context:-

This Faculty Appraisal System sets out the framework for a clear and consistent assessment of the overall performance of teaching staff for supporting their development within the context of the institution plans. The broad purpose of appraisal is to help them for their professional growth and development. The staff appraisal is evaluation of their performance on measurable parameters. This appraisal is done of the vital parameter for

future appreciations. Appraisal will be based on evaluation parameters of both semesters for an Academic Year. Benchmark for feedback is defined clearly. The staff will be made aware of benchmark well before the commencement of the academic year

4. The Practice:-

a) Establishing performance objectives Performance objectives shall be in specific terms that produce measurable results. The suggested weight factors for Teaching and Service are 70% and 30%. These can set differently for some faculty members like Head of Departments/Section Heads. Faculty members will be encouraged to write their own performance objectives for the two evaluation categories of Teaching and Service. Performance evaluation shall be done each of the two semesters in an academic year.

b) Initiation of evaluation process Faculty members meet with their Heads to agree upon performance objectives. The performance objectives shall meet the instructional, Department, College and Individual's goals.

c) Mid-semester review All faculty members shall submit a mid-semester Faculty Self Evaluation report, say after first midterm test. At the same time, Student Evaluation of Instruction shall be obtained. The student rating is compared with Faculty Self Evaluation ratings and a Gap Analysis shall be prepared. The Gap Analysis compares perceptions of students and those of faculty members. The Heads shall suggest ways and means to bridge the Gaps

d) Semester end review Semester end review is similar to mid-semester review. The Gap Analysis shall be reviewed by the Heads along with Principal/Director

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Teaching and Learning got a far deeper meaning when the Sinhgad Institutes were set up in August 1993.

Honorable Prof. M. N. Navale, a great visionary and dynamic leader, laid the foundation of a Sinhgad Technical Education Society (STES). The Society is rightly imparting high standard of education at different institutes in the field of Engineering, Medical, Management, Pharmacy, Architecture, Computer Application, Education, Arts, Science, and Commerce and has acquired fame in a very short span.

STES have received a great impact by winning the respect and admiration from many stake holders like students, parents, industrialists as well as other institutes in a span of just few years. Today, it has 12 sprawling, aesthetically landscaped and environment friendly campuses in and around Pune.

STES's SKN Sinhgad Institute of Technology & Science (SKNSITS) was established in year 2011. SKNSITS is approved by All India Council for Technical Education (AICTE), New Delhi, Directorate of Technical Education (DTE), Mumbai, and is affiliated to Savitribai Phule Pune University, Pune. NAAC Accredited with ' A ' grade .

The institute offers bachelor degree (B.E) in Mechanical Engineering, Computer Engineering & Information Technology with sanctioned intake of 210.

Institute has well qualified, dedicated and competent faculty members for teaching and research.

Institute's main aim is to develop the students to their maximum potential and conservation. SKNSITS has the environment to cultivate the students such that students can show case their talents and ideas in innovative way. A comprehensive syllabus, excellent infrastructure and extensive facilities ensure effective planning, implementation and delivery of quality education.

The institute has excellent infrastructure to facilitate quality learning. Institute stresses on e-learning and project based learning to make the students globally competent. The institute has laboratories with modern and state of art equipments to meet

the requirements of the curriculum. The institute consists of a library which has rich collection of reference books and technical magazines. The institute has subscribed to a good number of national and international print/online research journals to get the insight on recent research work.

In addition to this, isolated from local habitation, the institute has quiet and pleasant environment. Coupled with its avowed and ever conscientious ethos of student centric management, Students are provided with an ideal, extremely suited milieu for the achievement of academic excellence along with development of their talent in multidimensional way.

The institute has well equipped Hostels, hygienic mess and canteen, provision stores, medical stores and ATM facility within the campus. Hospital for medical assistance is available 24x7, along with an ambulance for emergencies.

Along with curriculum delivery, the college organizes various technical and non technical events to meet the industry needs and for holistic development of students. Each department has well equipped laboratory to work on projects sponsored by various organizations.

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

7.3.2 - Plan of action for the next academic year

Teaching and Learning are two main pillars of the education system

- To strengthen these systems, institute aims to introduce innovative practices in the Academic year 2021-22 as mentioned below:
 - Administrative Reforms.
 - Strict academic monitoring by IQAC.
 - Increase utilization of e resources and NPTEL video lectures.
 - Examination Reforms.
 - Enhance Research activities Increase number of quality publications. • Enrich the students with Value Added Programmers (VAP)

- Incorporate Project Based Learning (PBL) Problem Based Learning (PBL) is a Teaching method in which complex real world problems are used as the vehicle to Promote student learning of concepts and principles as opposed to direct presentation of facts and concepts. In addition to course content, PBL can Promote the development of critical thinking skills, problem solving abilities, and communication skills. It can also provide opportunities for working in groups, finding and evaluating research materials, and lifelong learning.
- Motivate the faculty member to write a proposal for fetching research grants.
- Reformation in "Alumni cell", to increase the active participation of alumni.
- •Grants form funding agencies like AICTE/DST/CSIR/UGC etc.
- Introduction of more Innovative Teaching Methodologies (ITM)
- Encouragement to interdisciplinary undergraduate level projects