Yearly Status Report - 2018-2019

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	**Milind Shivaji Rohokale**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02114673393**
Mobile no.	**9552569863**
Registered Email	**principal.sknsits@sinhgad.edu**
Alternate Email	**naac.sknsits@sinhgad.edu**
Address	**Gat No. 309, Off Pune-Mumbai Express Way, Kusgaon (Bk.), Lonavala-410401**
City/Town	**Lonavala**
State/UT	**Maharashtra**
Pincode	**411041**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Prof Namdev Krishna Gavade**
Phone no/Alternate Phone no.	**02114673239**
Mobile no.	**9764355860**
Registered Email	**aqar.sknsits@sinhgad.edu**
Alternate Email	**naac.sknsits@sinhgad.edu**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://cms.sinhgad.edu/SKNSITS/SKNSITS-AQAR.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://cms.sinhgad.edu/sinhgad_engineering_institutes/sknsits_lonavala/academic_calendar.aspx

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity Period From	Validity Period To
1	**A**	**3.10**	**2017**	**30-Oct-2017**	**29-Oct-2022**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**10-Aug-2016**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

Team COYOTES Motorbikes won @ ESI 2019, Talegaon Pune 1st in first prize in Sprint X 2nd in the Dirt X 10th in endurance	14-Feb-2019 5	21
Mechanical Students Avishkar Project selected at SPPU (Electric Bicycle with Generative Breaking System)	01-Jan-2019 4	4
Foot Ball Team of SKNSITS won in COEPZEST 2019 organized by COE, Pune	24-Jan-2019 4	11
[View File](#)		

8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NIL	NIL	NIL	2019 000	0
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View File](#)
10. Number of IQAC meetings held during the year :	**4**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	[View File](#)
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

• IQAC works to add value to the regular academic activities by promoting variety of curricular and extracurricular activities including various technical exhibitions, workshops, seminars, and sports and cultural activities. • Value Addition Programs for undergraduate students on Java, BluetoothControlled Robotics Using Arduino, Lean manufacturing, HVAC, IOT Using Raspberry Pi and Wireless Sensor Network etc. • Team COYOTES Motorbikes won @ ESI 2019, Talegaon

Pune 1st in first prize in Sprint X 2nd in the Dirt X 10th in endurance • Mechanical Students Avishkar Project selected at SPPU (Electric Bicycle with Generative Breaking System) • PEO, PO,POs, CO, COs correlation and Attainment were done for each branch and each subject. • Feedback forms for Alumni, Parent, and Industry guest external examiner were designed and Feedbacks were taken.

[View File](#)

13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Value Addition Programs for Undergraduate Students	Student Training Program
[View File](#)	

14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
IQAC Committee / Academic Monitoring Committee (AMC)	02-May-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**No**

16. Whether institutional data submitted to AISHE:	**Yes**

Year of Submission	**2019**

Date of Submission	**18-Jan-2019**

17. Does the Institution have Management Information System ?	**Yes**

If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**The Institute implemented paperless governance through MIS software system – GEMS. With the help of this system, all the academic processes of Institute are automated. The Context: Every faculty and staff are allotted an individual login ID through GEMS. The processes like AC, faculty appraisal, student feedback and placement activities are operational and followed by every faculty and the staff members of Institute. Academics: For every**

semester faculty members upload their academic calendar, timetable, teaching plan of the subject, notes, schedules of examinations, attendance, etc. • Faculty appraisal and student feedbacks: Every semester faculty feedback is taken from students. Academic performance of faculty is evaluated through the GEMS annually. • Placement activities: All the students are registered on GEMS and they fill their academic data online. The placement officer makes the announcements of placement activities and furnishes the required student's data to the company's online.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

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 contribute to the curriculum design during the workshops 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 teaching materials and delivery content before the commencement of teaching. The teaching/practical plan is prepared by the individual and conducted lectures/practicals accordingly. The institute organizes training programs for the faculty like Train The Trainer (TTT) for effectively transacting the curriculum and improving teaching practices. The students are given a choice to choose elective subjects in the final year. All students are encouraged to take up academic projects in collaboration with industries. 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 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.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
NA	NA	31/12/2019	00	NA	NA

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	NIL	31/12/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Computer (PUC, DMW, SAD, STQA, DS, MC, ERTO, HCI, CC, Compilers)	18/06/2018
BE	IT (BAI, STQA, ISR, RTCD)	18/06/2018
BE	E&TC (IoT, EPD, AVE,WSN)	18/06/2018
BE	Mechanical (FEA, AE, EAM,OR,HVAC)	18/06/2018
BE	Electrical (PQ, E&HV, HVE, SG)	18/06/2018

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	0	0

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Web Development with Angular JS, Data Science with python	27/08/2018	75
JAVA Programming	11/09/2018	25
[View File](#)		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Computer	69
BE	Electrical	31
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

The Institute has a formal mechanism to obtain feedback from students and other stakeholders like Alumni, Parents, Industry and faculty. It has a welldesigned feedback form with defined criteria to get feedback from each category of stakeholder. Course exit surveys are conducted. A Course Feedback on curriculum and examination/evaluation pattern is taken from students periodically. The Alumni feedback is taken for revising the pedagogy and including the concepts as per industry requirement. The Parent Feedback Form is used to know their opinion about Institute, Infrastructure, Professional expectations. Parents are also forwarding their feedback transparently to HODs and TGs. Understanding and corrective actions based on these feedbacks are helpful in overcoming the drawbacks and increase the performance and quality of the department. IIIC is used to understand and bridge the gap between the institute and industry. The summary based on the feedback is used for the revision of syllabus at University. This summary is communicated to the University through faculty to Board of Studies (BOS). Individual Faculty's feedback from the students is collected periodically through software. The feedback is evaluated and teachers are instructed with the necessary guidelines by AMC/IQAC, Principal along with the HOD. The analysis of these feedbacks gives the opportunity to faculty to understand their performance and also helps in understanding the weaker sections to improve upon. Appreciation letters are given to the faculty and staff based on their feedback. Performance Appraisal reports are filled by the teachers online every year and PI score is communicated to them. External examiner appointed by SPPU gives feedback regarding projects and academics. Another source of feedback for the Institute authorities is Student's Council. Areas of concern, if any, from the student's point of view, is noted by the council and places them before the Principal for necessary action. Formal employer's feedback taken by Central Placement Cell (CPC) also helps in understanding the quality of students to fit for the jobs. These feedbacks are usually forwarded to HODs through Principal for better performance

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled

BE	Computer	120	32	32
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	1122	0	102	0	102

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
102	102	10	20	1	10
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

For every class, TG scheme is adopted. The concept of TG scheme is: A batch of 15 students is assigned to a teacher who acts as a mentor or simply that teacher work as a local guardian for these students. The role of TG: • To give moral support to the students • To develop a platform to entertain common difficulties of students • To focus on hidden qualities of students • To develop positive attitude among students Students are also guided by any career field as per his/her interest. HOD reviews reports of the meeting and the same are communicated to the Principal. HOD counsels the students and advises them from time to time about career guidance, competitive examinations, etc. Guidance Services The following processes/schemes are executed to support students in academic, personal and psychosocial way • Different awareness sessions are organized for students such as the personality, professional development, entrepreneurship guidance. • Those students who are interested in higher education for them, expert professionals and counseling are arranged for guidance • The training and placement cell provides professional counseling to the students. • Students are supported and counseled by teacher guardian in regards of their homesickness. • Class Coordinator and HOD interact with the students regularly to understand the need of students regarding infrastructure, teaching and personal. • Resolution of complaints and support by Grievances cell, Woman grievance cell for sexual harassment, antiragging cell and community development program. • Student counselor for counseling of needy students • Faculties are visiting students in hostels and mentoring them.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1122	102	1:11

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
84	102	0	26	7

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	000	Lecturer	NA

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	677024510	1	13/12/2018	13/02/2019

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

To establish the level of students' progress, most educationists resort to the use of various forms of continuous assessment strategies. Continuous assessment of learners' progress could be defined as a mechanism whereby the final grading of learners in the cognitive, affective and psychomotor domains of learning systematically takes account of all their performances during a given period of education. The use of continuous assessment is seen as a part of the measures that can be used to improve educational outcomes as well as students' learning. At the institute level, we have continuous assessment policy wherein continuous monitoring and checking of experimental journals and assignments is performed on regular basis. Students performance is checked with the unit test and prelim exams. • Conduction of mock online examinations, prelim examination and mock practical/oral examinations. The performance of all such examinations is considered while giving the Term Work (TW) marks as per the institute continuous assessment norms. • Institute also conducts project competitions, AMCAT, ET, QA/LR, GD/PI, quiz and soft skill development activities for the students to prepare them for the placement. • Institute conducts Remedial Classes for weak students for particular subjects. Mid term submission conducted during mid of semester, to evaluate the performance of students in practicals.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Academic calendar is used to schedule all technical and non technical activities during the academic year. It is useful for smooth conduction of activities. As it includes all dates for internal exams like unit tests, preliminary exams and mocks, students can prepare accordingly for internal exams. Also the guest lectures and workshops can be executed as per the plan. Based on the university academic calendar, college prepares the academic calendar which provides detailing of the curriculum implementation. For effective implementation of the curriculum, the following process is developed and deployed. At the outset, the Principal of the college conducts meetings with the various department heads to develop strategies for effective implementation of the curriculum and accordingly academic calendar of institute get prepared.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the

institution are stated and displayed in website of the institution (to provide the weblink)

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
677024510	BE	COMP	106	105	99.06
View File					

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	365	STES,Pune	2.5	2.5
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
One Day Workshop on IPR	SKN SITS,Lonavala	08/08/2018

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
C code to Implement Travelling Salesman Problem	1.Omkar Chavan 2.Shubhangi Gulav 3. Nikhil Chaudhari 4.Akanksha Gahide	SKN SITS	15/04/2019	Institute Level
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NA	NA	NA	NA	31/12/2019
View File					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
000	000	000

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
NIL	0

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Mechanical	34	3

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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
NIL	0

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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Cryptography and OptimizationDriven Support Vector Neural Network to Mitigate DoS Attacks in ECommerce	Javed Shaikh	Springer Lecture notes in Electrical Engineeringof Engineering Trends and Technology 210212	2019	1	Yes	1

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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Cryptography and OptimizationDriven Support Vector Neural	Javed Shaikh	Springer Lecture notes in Electrical Engineering	2019	2	1	YES

Network to Mitigate DoS Attacks in ECommerce						

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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	5	4	12	11

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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
International Yoga Day Celebration	NSS, SKN SITS	40	30

View File

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NIL	NIL	NIL	0

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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swatch Bharat Abhiyan	Central Railway Lonavala	Cleaning Drive	5	80

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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Research Activity	02	STES,Pune	1277

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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry	Duration From	Duration To	Participant

| Placement Support | On Job Training | Techmanias | 16/02/2019 | 10/03/2019 | 7 |

| | /research lab with contact details | | | | |

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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Global Dialect Language Solutions	08/11/2019	To provide training expertise on various topics as per the need basis. 2. To provide industrial training to students Staff.3. To provide mentoring to students prepare them for interview.	20

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
0	23.8

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Seminar Halls	Existing
Laboratories	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Class rooms	Existing
Campus Area	Existing

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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
AUTOLIB	Partially	0.1	2011

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total

| Text Books | 12021 | 51 | 186 | 1 | 12207 | 52 |

View File

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
000	000	000	31/12/2019

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	443	13	13	1	1	2	6	48	1
Added	0	0	0	0	0	0	0	0	0
Total	443	13	13	1	1	2	6	48	1

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

48 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NIL	NA

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
0	36.8	22.5	7.6

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The Institute stands for the wellbeing and educational upliftment of the students. All the departments are well equipped with classrooms, seminar halls, tutorial rooms, laboratories, and sufficient space for hosting all curricular and cocurricular activities. Also for conduction of seminars/workshops/conferences, the campus has a Corporate Training Center (CTC) of area 4207 Sq.m. STES has cricket academy for offering the platform to students who want to develop a career in cricket. This includes a huge cricket ground which matches the international standards, tennis courts, badminton, volleyball, running tracks, football grounds, indoor games have been provided for practice and to hold top class tournaments. There is also well maintained swimming pool. Other facilities like laundry, photocopying centers have also

been made available to the students. Institute has campus level medical center Rural Health Training Center (RHTC) with residential doctor. Free medical service is provided to the staff and students. The institute has the students Safety Insurance Policy. This policy is renewed each year. According to this policy, all students studying in the institute are insured. Group Insurance scheme is also provided to all employees. Ambulance facility is available 24 x 7 hours. The ratio of computers to students is 1:2.53, which is better than the norms, 1:6. Every hostel is equipped with WiFi facility. The institute has utilized budget for proper maintenance and upkeep of the different assets .The institute maintains department wise dead stock registers to keep the record of all equipment belonging to the Institute and verified periodically. Estate office is available at the campus level. It takes care of following mentioned points : •?The civil work maintenance is taken care of by a Civil Engineer appointed for the upkeep of the building structure and ensures its fitness for use. Constant maintenance works are taken up round the year. •?Electrical Maintenance is taken care by an Electrical Engineer appointed for the purpose. The estate office is monitoring the job of identification of faulty electrical fittings and their replacement throughout the year. •?A Power Substation for electrification of the campus is being monitored and taken care of. •?A System Administrator and technical assistant are appointed to ensure the upkeep of all laboratories and computers in the institute. •?Housekeeping jobs like cleaning, sweeping the corridors and classrooms is maintained by the peon and sweepers of the college. •?The HODs submit periodic reporting on requirements of repairs and maintenance to the administrative office. •?Pest control of library books and records is done every year. •?Power quality analyzer is available at power substation from Fluke Corporation which will analyze the frequency and voltage fluctuations in the institution. •?The institute has one operational transformer of 1000 KVA, two operational transformers of 500 KVA. The institute has sanctioned 1433 KVA load. •?There is central power backup through one diesel generator capacity of 500 KVA. •?UPS has been installed in office, computer lab and library which ensure that UPS takes the power supply in the case of large voltage fluctuation. •?Water treatment plant of is available.

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	NIL	0	0
Financial Support from Other Sources			
a) National	NIL	0	0
b)International	NIL	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Student Training Program	27/06/2018	1082	SKNSITS,Lonavala
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	Career Counselling	124	235	2	92
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Accenture	35	17	Arxxus	15	1
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	2	BE	Mechanical	SIM Kalyan	MBA
View File					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	6
View File	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Sport Sinhgad Karandak 2018	National	44
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Played At SPPU	National	1	0	18CEBA017	Aashish Dhage

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

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 problemsolving 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

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

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 2018, the alumni association had grown up to 2200 plus members. Alumni Association Committee: Sr. No. Name Of Members Designation 01 Prof. M. N. Navale President 02 Dr. M. S. Rohokale Secretary 03 Prof. N. K. Gavade Treasurer 04 Mr. Prathamesh Walke Member 05 Mr. Swapnil Khandelwal Member 06 Mr. Rohit Dongare Member 07 Miss. Siddhi Ghare Member 08 Mr. Amol Walekar Member 09 Mr. Sandesh Balgude Member 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 passouts 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 fellowalumni 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 alumni are connected via whatsapp group. More than 2200 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

5.4.2 – No. of enrolled Alumni:

781

5.4.3 – Alumni contribution during the year (in Rupees) :

19000

5.4.4 – Meetings/activities organized by Alumni Association :

9 sessions were conducted by Alumni on different topics such as Project work Higher Studies, Career Opportunities in Web Development, Android. 10 alumni students from all departments were invited to interact with First Year Students in FE Induction Programme. Alumni students have contributed as a Judge in TECHTONIC2018. The institute has a tradition and culture of social awareness percolated through alumni gives natural motivation to the current students and

faculty to participate in various social activities. Motivation from faculty coordinators to the students and leadership shown by the enthusiastic students gives boost for various innovative ideas. These ideas are then converted into extension activities through NSS and students associations. TCT and college magazine also gives wide publicity and encouragement to the entire student community that ultimately resulted into massive participation and satisfaction of conduction of social work.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Committees are formed for the various curricular, cocurricular and extracurricular activities to be conducted during the academic year. The administrative office of the College is headed by the Principal. The Principal coordinates the day to day activities. Every department prepares academic calendar. Principal along with the HOD prepares activity in charge list which includes academic and nonacademic responsibilities which are assigned among all the faculties. Dead Stock Verification Committee: The dead stock verification committee carries out a complete audit of the dead stock of each department. Faculty Selection Committee The committee headed by the Head of the Institute, comprises of Senior Faculty Members assisted by a team of nonteaching staff. Its function is to ensure the smooth execution of the faculty recruitment process in line with the directives of AICTE, SPPU and the Institute. There are various committees constituted to manage different institutional activities which require the participation of faculty members be as follows. Sr. No. Name of the Committees 1 Governing Council 2 Local Managing Committee 3 AntiRagging Committee 4 AntiRagging Squad 5 Internal Complaint Committee(ICC) 6 Examination Committee 7 Research Committee 8 Cultural Committee 9 Student Council 10 Training and Placement Cell 11 Academic Monitoring Committee 12 Library Advisory Committee 13 Techtonic Committee 14 Anti Smoking Committee 15 Dead stock verification Committee `16 RTI 17 Suggestion Box

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Library, ICT and Physical Infrastructure / Instrumentation	? Library, ICT and Physical Infrastructure / Instrumentation ICT ? The department updates ICT facilities for classrooms, tutorial rooms and Laboratories. ? Teachers and students are motivated for different online courses on swayam online portal. ? The department has FTP Server for resource access by the faculty and Student community Lecture notes, assignments, question banks, quiz are uploaded. Library ? Suggestions from Library committee and IQAC suggestions are used for improvement in quality of library resource. ? New books/journals are purchased to update the library. ? Each

	Department has its own Departmental Library facility. ? Physical Infrastructure Physical infrastructure is always monitored to address the needs of courses or the intake capacity of the institute.
Research and Development	? Research and Development The institute has collaborations with reputed industries, national and international institutions and universities. The institute also believes in research culture and supports innovative ideas from faculty and students. ? Several faculty members take advantage of this facility and enhance their career by obtaining doctorates, publishing technical papers, books etc. ? The institute motivates the faculty to undertake research activities through doctoral studies. It motivates them to publish research papers. For this, an incentive such as financial assistance for research paper presentation etc. is provided. ? Potential research collaborators are identified and MOUs are established. ? Research Guidance is given to faculties and students by organising seminars and guest lectures
Examination and Evaluation	? Examination and Evaluation ? Two internal unit tests are conducted per semester. A preliminary examination is conducted at the end of semester. Improvement tests are also conducted after result analysis for poor performers. ? Remedial classes are conducted for slow learners. ? Standard question banks and model answers are prepared by the faculty members and distributed to the students. ? Term work evaluation is done on continuous basis. ? External theory examination and practical/oral examinations are conducted by SPPU schedule and rules. ? The Faculty members contribute in the examination work like setting question paper, being invigilators for theory examination, senior super visors, examiners, moderators etc.
Admission of Students	? Admission of Students Admission of the students is done through a central process conducted by a state government body DTE (Directorate of Technical education) where students choose an institute as per their choice. The institute maintains this repute by adopting following strategies ?

	Maintaining good results in University examinations by means of quality trends in teaching learning ? Providing quality infrastructure and facilities ? Maintaining good training and placement records. ? Maintaining Raggingfree environment ? Ample hostel facility for girls and boys is provided on the campus. ? Various sports facilities are available to students like 25acre sports complex with grounds for football, cricket, basketball, athletic track, swimming pool, gymnasium, etc. ? The institute conducts admission process awareness programmes, counselling sessions for prospective students.
Industry Interaction / Collaboration	? Industry Interaction / Collaboration ? Eminent speakers from industry and service sector are invited for interaction with the students and faculty. ? The Entrepreneurship Development Cell (EDC) orients students to start their own business ventures. ? Industry Internship programs, industry designed certification courses and Industrial training during vacation are organized for the students by Training and Placement cell. ? Alumni placed in the reputed industries are invited for informal dialogue with the students. ? Industrial tours are conducted for students to visit industries according to their stream. ? Industry interaction cell helps in making MOUs with the reputed companies for value added programs and placements.
Human Resource Management	? Human Resource Management While recruiting and retaining the HR, the institute adheres to the quality improvement strategy. ? For professional development of the HR, the institute delegates the faculty and staff to undergo development programs outside the institute, provides technical resources and financial assistance to undertake such development programs. ? Faculty are felicitated for their academic achievements. ? The institute uses performance evaluation methods for the HR. At the end of every academic year, Performance evaluation of the staff is done by online appraisal system provided on GEMS. ? Weekly department meetings with the heads are conducted to ensure healthy relations and

	communication among the members.
Teaching and Learning	? Teaching and Learning Inputs from Student feedback, Alumni and Industries are considered for improving the teachinglearning. Quality improvement strategies adopted by the institution for Teaching and Learning Semester Precommencement Preparations ? Departmental Academic Calendar ? Teaching Plan ? Course learning Objectives and Course Outcomes ? Lecture notes ? A further useful resource is provided in the form of Audio Lectures on the KPoint Platform. These lectures are accessible to all the students and teachers in the institute. ? Updating the library with appropriate books as suggested by the faculty. ? Modifying the laboratories to cater for the needs of revised syllabus and new technology.
Curriculum Development	? Curriculum Development: The institute is affiliated to Savitribai Phule Pune University (SPPU). Board of studies (BoS) is a body in the University to formulate the curriculum. Faculty members from this institute are nominated on the committee of faculty coordinators at the University. Inputs are obtained by following means ? Interaction with the industry through R and D cell. ? Interaction with parents through Parent Teacher Association ? Interaction with Alumni ? Interaction with academicians through workshops ? Teachers give the feedback regarding their respective subject. The outcome of this feedback is conveyed to SPPU through the university coordinator. According to the feedbacks taken from the stakeholders following programs are designed to cope up with the industry needs. ? STP ? VAP

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Administration	? Administration ? Staff and students profile has been monitored through Gems. ? Staff technical profiles are monitored through BCUD online portal of SPPU
Finance and Accounts	? Finance and Accounts ? Student's yearly fee structure and managing fee collection and balances through Talley. ? Managing assets and faculty salary through Paywhiz. ? Students can pay

	fees online.
Examination	? Examination • The University conducts the examination. The schedule is given by the University. As per the schedule the examination is carried out in the institute. • There are two types of theory exams like in semester exam and end semester exam. • Institute also conducts various unit tests and prelim exam. Also mock practical and oral exams are conducted to prepare students for University final examinations. • Online mock test are conducted and also hall tickets, question papers are received online through SPPU portal.
Student Admission and Support	? Student Admission and Support ? Students admission process is monitored through Aspire Module ? Displaying of students achievements, Implant -training, Industry specific software training courses, placement training etc ? Scholarship work is done on MAHADBTIT Portal
Planning and Development	? Planning and Development ? Development of excellent infrastructure for education, research and entrepreneurship ? Training the employees to improve quality by certified courses on Swayam online portal. ? In cultivate research environment for Promotion of Research to develop innovative perspectives under SPPU portal, AICTE etc. ? It is planned to increase the number of faculty with PhD degree. ? Build strategies for enhancement of employability skills by Identifying industry requirement to fill the gaps and to sustain the growth and development. ? Accreditation by National agencies. ? Industry Institute Interaction Cell has been formed to enhance the industry institute interaction, and the cell has started Campus Connect programs with leading industries such as Cognizant, Accenture, Zensar etc.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Mrs.R.M.Thadi	Faculty	SPPU	700

		Orientation For Be New Syllabus, By Sppu(IOTElective1)				

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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	National conference on ICEST 19	National conference on ICEST 19	05/04/2019	06/04/2019	17	12

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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Faculty Orientation For Be New Syllabus, By SPPU Sem2	4	21/12/2018	22/12/2018	02

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
51	102	48	48

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
? Group insurance scheme ? Accidental insurance ? Staff quarters ? Free medical treatment ? Registration fee for FDP programs ? Maternity leaves are provided as per the government and university rules ? Employee Provident Fund (EPF) with 100 gratuity for all staff.	? Group insurance scheme ? Accidental insurance ? Staff quarters ? Free medical treatment ? Maternity leaves are provided as per the government and university rules ? Employee Provident Fund (EPF) with 100 gratuity for all staff	? Teacher guardian scheme ? Students' welfare Cell ? Women's grievance cell ? Training Placement activities ? Sports facilities and cultural festival ? Alumni activities ? Social activities ? Earn learn scheme ? Scholarship ? Professional body member ships like ISTE,IETE etc

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

* Experienced and efficient personnel conduct internal audit. • External audits are done by Proficient financial auditors • In the Audits, Experts verify all transactions.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	0	NA

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6.4.3 – Total corpus fund generated

00

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	NIRF	Yes	IQAC/AMC
Administrative	Yes	NIRF	Yes	IQAC/AMC

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

* Parents Teachers meetings twice in a year .Student's academic performance, university results, attendance and other related issues are discussed • Phone calling and SMS by TGs regarding student's performance • Feedback system. • Parents whats app groups.

6.5.3 – Development programmes for support staff (at least three)

skill development programs were organized as mentioned below: • Hands on Microsoft Excel. • Hands on for computer maintenance and formatting. • Training regarding admission process.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

* PMKVY a skill India initiative. • Introduction of skill/capability enhancement courses. • Startup Innovation Cell.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
d)NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Activity Based English Comm	26/11/2018	26/11/2018	28/11/2018	15

	unicationBas ic Module				

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Nirbhay Kanya Abhiyan	14/02/2019	16/02/2019	61	0

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
? Tree Plantation ? Fort Cultivation ? Street plays (Supporting Clean India) ? Winter Camp (For developing awareness regarding various environmental issues) ? Rain marathon.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	193
Ramp/Rails	Yes	1
Rest Rooms	Yes	189
Special skill development for differently abled students	Yes	1
Any other similar facility	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadva ntages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	07/11/2018	1	Tree Plan tation	No any	54
2018	1	1	31/07/2018	1	Rain Marathon	Due to heavy rain roads are slippery	219
2018	1	1	19/09/2018	1	Cleaning Drive	No any	48
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Chronicles	30/03/2019	CHRONICLES, our college magazine brings out the essence of and puts to display the talents within our college and also gives an opportunity to collegians to prove their worth as it is a University of Pune level competition. The institute publishes an annual magazine "CHRONICLES". This College Magazine sends a positive signal to the faculty, staff, students and the persons who are interested in the educational and literary activities. A magazine is like a mirror which reflects the clear picture of all sorts of activities undertaken by the institution and develops writing skills among students in particular and teaching faculty in general. This magazine encourages students to become a part of the magazine by publishing their articles, poems, technical content, jokes, experiences, art etc. The magazine provides a platform for the students to showcase their creative talents.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Institute Rule Book	15/06/2018	18/06/2018	15

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1) Tree plantation in and around the campus, 2) Implementation of solar water heating system to reduce power consumption on water heating. 3) The class rooms are spacious with good ventilation which requires less use tube lights causes minimized power consumption. 4) Students and Staff are requested to switch off the fans and lights when not in use. 5) Swach Bharat Abhiyan

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

STP to enhance employability skill : Goal: Worldwide, the advancement in technology has not only revolutionised 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 excellent technical and soft skills. With this in mind, a state oftheart STP is being implemented from the year 201314. 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. • Prepare students for higher education in India and abroad. The Context: • Integration into the Curriculum: Training incorporated into the curriculum to help students for preparation and self evaluation in technical and soft skills. • Lecture recordings: Subject wise lectures are recorded by expert faculty on Kpoint server. This is a LAN based resource to help the students to learn and revisit the concepts discussed in class earlier. • Expert faculty: A good blend of the classroom and handson training provided by expert faculty. • AMCAT assessment: Training need and outcome assessed using AMCAT, a test preferred by many wellknown industries globally. The Practice: The duration of STP is 120 hours that spread over five semesters as STP IV. It is to be undertaken by the student from the start of the second year of engineering. Project Based Learning Environment: Goal: For achieving effective learning by students. The Context: Learning happens only when one performs tasks on his own. The Practice: • Students are encouraged to pick up a project in small groups in the representative list of areas prepared by the department or by him. They are required to go through a structured process of analysing the problem, solution development and implementation. • Student projects are then evaluated by merit. • Necessary feedback is given to students. • Institute has developed various schemes such as Lab innovations, VAP, and IIIC, which promote learning through projects. Evidence of success: PBL shows improvement in understanding and confidence about core concepts among students. It also helps in achieving skills required for the professional practice.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

http://cms.sinhgad.edu/sinhgad_engineering_institutes/sknsits_lonavala/usp.aspx

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The institution stresses on outreach programmes and inculcates in its students an awareness of the value of a holistic education and empathy for the less privileged sections of society. An active NSS Cell organizes programmes for the student community. In natural calamities the college supports to help and makes arrangements to collect relief materials actively. This is done by the students like packaging, transportation and distribution to centres is a part of our commitment. Institute conducts student training program (STP) for five continuous semesters.It is based on Soft Skill Training that includes: STP I: Training on Communication Skills Part I Listening, Reading (Technical and Nontechnical), Writing (Letter, Resume, CV, Report), Speaking (Public speaking, Group Discussion). STP II: Training on Communication Skills Part IIListening, Reading (Technical and Nontechnical), Writing (Letter, Resume, CV, Report), Speaking (Public speaking, Group Discussion). STP III: Training on Technical Skills Training and refreshing of Technical Fundamentals. STP IV: Interview PreparationPractice of Group Discussion and Personal Interview. STP V: Value

Addition ProgramTraining from outside expert to add value to CV. Institute provides international internship for the students.

Provide the weblink of the institution
http://cms.sinhgad.edu/sinhgad_engineering_institutes/sknsits_lonavala/about_us.aspx

8.Future Plans of Actions for 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 201920 as mentioned below: . Administrative Reforms . Strict academic monitoring by IQAC . Increase utilization of eresources and NPTEL video lectures . Examination Reforms . Enhance Research activities . Increase number of quality publications . Enrich the students with Value Added Programme (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