



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		SINHGAD INSTITUTE OF TECHNOLOGY AND SCIENCE, NARHE, PUNE
Name of the head of the Institution		Dr. Rajesh S. Prasad
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		02066831702
Mobile no.		9823369180
Registered Email		sits@sinhgad.edu
Alternate Email		principal_sits@sinhgad.edu
Address		Sinhgad Institute of Technology and Science, (SITS) Narhe Technical Campus, 49/1, Opp. Mumbai Bengaluru Westerly Bypass, Narhe, Pune - 411041.
City/Town		Pune
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	Mrs. Geeta S. Navale																		
Phone no/Alternate Phone no.	02066831731																		
Mobile no.	9423235254																		
Registered Email	iqac_sits@sinhgad.edu																		
Alternate Email	principal_sits@sinhgad.edu																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	http://cms.sinhgad.edu/media/478516/aqar_ay%202018-19_submitted.pdf																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	https://drive.google.com/file/d/1i61_3EF9absISBl9zLjegt3C90tcsHwQ/view																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B</td> <td>2.38</td> <td>2016</td> <td>16-Sep-2016</td> <td>15-Sep-2021</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B	2.38	2016	16-Sep-2016	15-Sep-2021
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	B	2.38	2016	16-Sep-2016	15-Sep-2021														
6. Date of Establishment of IQAC	01-Jan-2018																		
7. Internal Quality Assurance System																			
<table border="1"> <thead> <tr> <th colspan="3">Quality initiatives by IQAC during the year for promoting quality culture</th> </tr> <tr> <th>Item /Title of the quality initiative by</th> <th>Date & Duration</th> <th>Number of participants/ beneficiaries</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>						Quality initiatives by IQAC during the year for promoting quality culture			Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries								
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Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries																	

IQAC		
Mid Semester Academic Review	19-Aug-2020 2	6
Monthly Academic Monitoring	19-Jul-2019 1	6
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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
SITS	Research Project	BCUD, SPPU, Pune	2019 730	1.25
No Files Uploaded !!!				

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)

To improve academic performance IQAC committee works to add value to the academics by encouraging curricular, cocurricular and extracurricular activities such as workshops, technical exhibitions, seminars, sports and cultural activities and inter departmental visits. Value Addition Programs for undergraduate students like Ansys, development in refrigeration, Machine Learning, Geometric Design and Tolerance, Data Science Using Python, Python Programming, Internet of Things (IoT), etc. A platform is provided to the students to improve their skills through IIT Spoken tutorials for second year, third year and final year undergraduate where students can opt for various programming languages and software such as C, C++, Java, Python, Latex etc. For academic monitoring, inter department audit was conducted. The respective committee gave the observations for deviations if any accordingly suggestions to each department were conveyed to comply the deviations observed in stipulated time. Publication in peer reviewed International journals was suggested.

Motivating sessions on research methodology are suggested to conduct in every department. Regular ParentTeacher meetings are conducted in every department to take feedback from parents regarding teaching learning process and other facilities in the institute. As per guidelines of IQAC, student feedbacks were conducted. Further, the necessary training and corrective measures has been suggested to the faculties for the AY 201819. Faculty and students are encouraged to participate in an online professional development program through Coursera.

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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
To conduct an Academic Audit of Departments in the mid of the semester	Academic audit was conducted. 15 different meetings were held to facilitate interaction between IQAC, Departments and various stakeholders.
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
IQAC Surveillance Committee	30-Sep-2020

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

2020

Date of Submission

03-Jan-2020

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)

- Student information for training and placement officer.
- Maintaining the college website
- Communication of important information to general public through website and Conventional notices.
- Student information through Talley.

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

Being the affiliated institute, the institute implements the curriculum prescribed by Savitribai Phule Pune University (SPPU). The SPPU provide the academic calendar for every semester. The university academic calendar provides date of commencement of the academic session, duration of semester, period of examinations like university practical/oral examinations and final semester examinations etc. 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. It mentions dates of commencement of the academic session, duration of semester, period of internal assessment tests like Unit tests, Prelim examination, mock practical/oral exam, mock online exams, final semester examinations etc. Other activities like guest lectures, workshops/trainings for students, industrial visits, project reviews are also planned and get executed accordingly. 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.

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
Nil	Nil	Nil	00	Nil	Nil

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	Nil	Nil
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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 (DMW, MC, STQA, HCI, SCOA, CC)	17/06/2019
BE	IT (BAI, STQA, IoT, SMA)	17/06/2019
BE	E&TC (IoT, EPD, ML, AVE, WSN)	17/06/2019
BE	Mechanical (FEA, AE, EAM, PDD,OR)	17/06/2019
BE	Civil (SACE, ACT,	17/06/2019

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

	Certificate	Diploma Course
Number of Students	Nil	Nil

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
Machine Learning	06/02/2020	50
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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 Engineering	101
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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 institution collects feedback on curriculum aspects and courses from different stakeholders such as students, alumni, parents and employers. Once the feedback is analyzed and valuable suggestions given are considered and necessary actions are executed. Institute collects the feedback physically/online from stakeholders viz. Students and Parents on different aspects. Feedback from industry, R D establishments, professional bodies also are obtained. During alumni interaction suggestions and feedback is collected. The questionnaire is intended to collect information relating to your satisfaction towards the curriculum, teaching, learning and evaluation. After collecting and assessing the feedback from the various stakeholders on curriculum aspects, the valuable suggestions if any, necessary actions are executed. The Institution would like to include the following Curriculum Aspects which enrich the curriculum: 1. Flexible and Choice Based Credit System to learn soft core elective courses, professional elective courses and open elective courses offered across the departments. 2. Value added courses. 3. Courses on communication skills / Professional ethics / Environmental Engineering, and Employability Skills. 4. Design experiments in many laboratory courses thereby stimulating creativity and innovation in students. 5. Introduction of Project Based Learning approach. Every semester institute collects feedback from students, parents, alumni employers to strengthen the quality of teaching-learning environment and to provide best possible facilities. At the end of the semester, Institute collects online feedback on teaching learning process from students through filling the feedback forms.

Proper counseling done for necessary improvement for teachers having poor performance. Institute organizes parent teacher meet at every semester. During parent teacher meet feedback is taken from parents to enhance academic excellence of their wards by taking suggestions directly. The parents gave a very positive feedback regarding the activities and facilities provided by the college. Few parents gave suggestions like arrange remedial sessions for failed students, create awareness about research going on worldwide among students encourage them for self-study. Considering valuable suggestions of the parents remedial sessions are conducted for failed students results have improved, students are motivated to utilize lab facility library facility beyond college time, guest lectures/seminars arranged on recent technologies in IT industry. Alumni industry/employer feedback also taken. Few suggestions are like student must undertake internship in summer and winter vacation, conduct more entrepreneurship induction programs, encourage project based learning, conduct more workshops that will enhance the student's technical skills. Institute has taken actions for Improvements like guest lectures/seminars arranged for entrepreneurship awareness, emphasis given on quality mini projects, internship opportunities provided to students via faculty contacts alumni.

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	Civil	120	28	28
BE	Mechanical	120	7	7
BE	Electronics & Telecommunication	120	20	20
BE	Information Technology	60	75	63
BE	Computer Engg (Second Shift)	60	70	61
BE	Computer Engg (First Shift)	60	80	65
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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
2019	2031	Nil	115	Nil	115

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 Tools and resources	Number of ICT enabled	Number of smart classrooms	E-resources and techniques used

	ICT (LMS, e-Resources)	available	Classrooms		
115	115	30	20	5	33
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Teacher Guardian (TG) system is available in the institution. Per twenty students one TG is allotted and he/she is responsible for all parental support towards the students. Objective: To Guide students in their academic and personal problems. Responsibilities: • Address students' queries. • Motivate students for improvement of their performance. • Call parents if their ward is not regular in college. • Take weekly meeting of students to address their queries. • Send attendance and unit test marks to parents at the end of every month via letter/SMS. • Maintain the leave applications of students and handover to class coordinator at the end of semester.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2031	115	1:19

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
114	115	Nil	Nil	10

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	Neha Shahare	Assistant Professor	Young Researcher Award
2020	D D Mondal	Assistant Professor	International Scholarship for 3 years Ph.D. Program from Lincoln University, Malesia
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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	Computer Engineering	SEM I	05/12/2019	22/02/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Students are made aware of timetable, academic calendar roll list by displaying

on the notice boards before start of the semester. The information about Continuous Evaluation process Rubrics is provided to the students at the beginning of the semester. 1. Performance of the students is continuously evaluated throughout the semester in terms of Term work. Term work assessment is based on journal, assignments, attendance, tests, TG meetings and mock performance. 2. Reforms in Test Prelim Examination- A) A question papers for each subject are taken from the subject teacher. Papers are sets to achieve higher cognitive levels. B) Question bank is provided for the test. E) Marking scheme and ideal solution is discussed in the class. This reforms help to improve the student's performance by continuous evaluation. The learning process starts at the beginning of the semester instead of studying at the end. Students also get an opportunity to score good marks. F) Failed and absent students in the tests are asked to solve the question paper with all options and submit to respective teacher. 3. Reforms in Assignments- A) The assignments are based on SPPU question papers. B) Assignments are also given in the form of presentation, case study. 4. Reforms in Lab work/Journals- A) For every semester, experiment list is finalised based on the list given by SPPU. List is changed every semester by modifying or adding few experiments. B) The evaluation of the Lab work/Journal is done as per the rubrics designed for that lab work. C) Few subjects have a mini project or a case study which enhances student's skills as well as their knowledge of modern tools and team spirit. 5. Reforms in Mock Practical Performance- A) For every semester, mock practical/oral is conducted twice in a semester. B) The evaluation of mock practical/oral is done as per rubrics. 6. Reforms in TG Meeting- A) Each student is allocated a teacher guardian who conducts biweekly meeting with students. B) Students are motivated to participate in curricular extracurricular activities by the TGs. Also if any student is facing any issues will be discussed. C) Students are expected to attend these meetings and marks are given for attending meetings participating in activities. 7. Reforms in Project Evaluation- While selecting the project, the projects based on real life applications, investigation of the latest development in specific field or Interdisciplinary projects are encouraged. A) The project groups are formed before the commencement of the VII semester. B) A project calendar for entire semester is displayed at the beginning of the semester. C) Industry sponsored projects are encouraged to get industry exposure. D) The evaluation of the project is done based on i) Weekly meeting of the students with respective guides and their ability to timely complete the task assigned by the guide. ii) 3 Review presentations supported by project report. Interdepartment academic monitoring is carried out twice in a semester. Respective committee checks if any work is pending and ensures particular department completes it.

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. In the semester-one of academic year 2019-20, all activities: Unit Test, STP sessions, Mid-term submission, Guest Lectures, Workshops, Industrial Visits, Parent Teacher Meet, Preliminary Exam were conducted as per the academic calendar. But in the Semester-Two, some activities like Industrial

visits which were scheduled in the last week of March could not be completed because of pandemic situation. Also preliminary exams were conducted online.

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)

<https://drive.google.com/file/d/1BkvXSle-Ur5E3TZfgzFq24UQtDN8oHFh/view>

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
618224510	BE	BE Computer	79	78	98.73

[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)

https://docs.google.com/forms/d/118bRNCp3c_XliFDOEt3DvCWZ3LDm61GLL2yh8xZ4wwk/viewanalytics

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
Any Other (Specify)	730	BCUD (SPPU, Pune)	1.25	1.25

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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
Intellectual Property (IP) standing in individual phase and in a startups achievements	Mechanical Engineering	02/07/2020

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
Best Researcher Award	Neha S.Shahare	ITSR Foundation India	22/02/2020	Best Researcher Award

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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation	Name	Sponsored By	Name of the	Nature of Start-	Date of
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Center			Start-up	up	Commencement
Incubation	Innovation Incubation Laboratory	Ministry of Micro, Small and Medium Enterprises (MSME), Government of India	Innovation Incubation Laboratory	Sponsored by MSME	04/02/2020

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	1	1

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

Name of the Department	Number of PhD's Awarded
Electronics Telecommunication	1
Computer Engineering	1

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	Computer Engineering	40	0

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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
Information Technology	4
Electronics Telecommunication	5
Civil Engineering	14
Mechanical Engineering	43
Computer Engineering	57

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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
Multi-objective fractional gravitational search algorithm	Dr. Rajesh S. Prasad	The journal of mobile communication computation and info	2019	0	SITS, Narhe	21

for energy efficient routing in IoT		rmation			
View File					

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
Multi-objective fractional gravitational search algorithm for energy efficient routing in IoT	Dr. Rajesh S. Prasad	The journal of mobile communication computation and information	2019	41	21	Sinhgad Institute of technology Science, Pune
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Presented papers	61	Nil	Nil	Nil
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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
NSS Wari 2019	SPPU, Pune PDEAs Waghire college, Saswad	1	6
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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
NCC	Gold medal in RC Flying as the RC Aeromodeller of Maharashtra	National Cadet Corps	1
NSS	International Exchange Programme at China	Savitribai Phule Pune University	1
Silhouettes All MBT	3rd rank in 4X	Armed Forces	1

2019	100 Relay	Medical College	
Sinhgad Karandak 2019	Group Dance Winner	Sinhgad Institutes	4
Ideaz 2k19	Domain Winner	Sinhgad Institutes	8
SITSFIST International Conference	Best Paper Award	Sinhgad Institutes	4
Mpulse Electra 2k19	1st Runnerup in debate competition	PES Modern College of Engineering	1
Technothon 2k20	2nd prize in debate competition	Sinhgad Institutes	1
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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 activities	Number of students participated in such activities
Swaccha Bharat Abhiyan	SITS NSS Unit	Swaccha Bharat Abhiyan	1	7
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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
Sponsored Project	POTE AKSHATA ULLHAS	Phoenix Refrigeration Private Ltd, Narhe Pune	180
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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 /research lab with contact details	Duration From	Duration To	Participant
Internship	Student Internship Program (SIP)	Design Tech System Ltd	16/12/2019	28/12/2019	14
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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
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			participated under MoUs
Mass Technologies , Pune-411041	04/10/2019	To cooperate and focus on area of Skill Based Training, Education and Research. 3 days workshop on Fullstack AWS for final year students.	153
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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
11.96	5.8

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Class rooms	Existing
Seminar Halls	Existing
Classrooms with Wi-Fi OR LAN	Existing
Classrooms with LCD facilities	Existing
Laboratories	Existing
Campus Area	Existing
Seminar halls with ICT facilities	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 partially)	Version	Year of automation
AutoLib Software	Partially	2	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	16122	5619762	Nil	Nil	16122	5619762
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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
Mrs. V. N. Kalyankar	Backtracking	YouTube	03/03/2020

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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	550	24	24	1	1	2	6	50	1
Added	0	0	0	0	0	0	0	0	0
Total	550	24	24	1	1	2	6	50	1

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

50 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
Microsoft Teams	https://web.microsoftstream.com/studio/videos
Open Broadcaster Software	https://obsproject.com/
Microsoft Teams	https://web.microsoftstream.com/studio/videos
Ytube	https://www.youtube.com/watch?v=G0qyOULDYbQ&feature=youtu.be
Ytube	https://www.youtube.com/watch?v=lBOBlXi0NA&feature=youtu.be
Ytube	https://www.youtube.com/watch?v=RRZOHgvMkcQ&feature=youtu.be
Ytube	https://www.youtube.com/watch?v=PxjAqDVCdKI&feature=youtu.be

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 incurred on maintenance of physical facilities
169.91	146.37	11.96	5.8

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)

Round the clock security arrangements have been made available on the campus.

The hostel and Campus premises are under CCTV surveillance. Time to time maintenance is carried out by estate office for proper utilization of facility. Free wi-fi facility is available at campus. Time to Time maintenance is carried out for it. Time to time classroom and laboratory check-up is carried out to ensure the working condition of lights, fans LCD projectors and if any repairing or replacement is required then it is conducted. Annual dead stock audit is carried out for laboratories to check the condition of instruments.

The library has a rich collection of technical, personality development communication skill and Career development titles. More than 13.340 books with 2414 titles. Library book collection autobiographies and a few classics. Auto Lib Library Management Software with OPAC (Online Public Access Catalogue) is available, which is convenient to the users to know about the library Collection and its availability Internet facility, Wi-Fi Connectivity, reprography and printing facility, Necessary. E-Resources supporting latest technologies are available in library. New sports complex at Vadgaon campus has been established along with existing sports facilities. This includes a huge cricket ground which matches the international standards, new tennis courts have been provided for practice and to hold top class tournaments. There is also well-maintained swimming pool. Other facilities like laundry, photocopying centres have also been made available to the students Well equipped laboratories are available at each department with maintenance. For pure hygienic water supply double carbon purification filler and aqua guard purifiers are available in campus. Annual renewal as well as timely required repairing and maintenance is carried out for purified water supply. Institute has hostel facilities. Each room has sufficient space and has attached bath cum lavatory. The rooms are fully furnished. Additional facilities for cooking, washing, solar water heater etc. are also provided. Maintenance of hostel is carried out with hostel support staff. The separate electrician is available for electricity related issues. There are separate residential blocks on the campus, providing accommodation to faculty and other supporting staff members. Clean, hygienic and quality food is available at subsidized rates in the mess of all the hostels. There is "Amravati" mess for boys and separate mess "Annapurna" exclusively for girls in the campus. For suggestions and feedback for quality improvement register is maintained at mess. AT campus every Tuesday OPD is arranged for students. A clinic for routine medical services, with quality medical staff is available in the campus for any Mini problem and in case of any major problem the staff and students can avail the facility free of Cost at. Smt.Kashibai Navale Medical College and General Hospital. A vehicle is made available to meet the medical emergencies. 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.

http://cms.sinhgad.edu/sinhgad_engineering_institutes/sits_narhetechnicalcampus.aspx

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	Fee Waiver	1	25000
Financial Support from Other Sources			
a) National	Rajarshi Chhatrapati Shahu Maharaj Shikshan	1391	58885598

	Shulkh Shishyavrutti Yojna(EBC), Post Matric Scholarship to SBC, OBC, VJNT Students etc.		
b)International	0	Nil	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
Full Stack	24/02/2020	79	Mass Technologies, Pune
Artificial Intelligence	11/02/2020	72	MITU Skillologies
Student Training Program(STP3)	16/07/2019	602	SITS Narhe
Yoga for Fitness	03/02/2020	52	SITS Narhe
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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 passed in the comp. exam	Number of students placed
2019	GATE	130	157	6	Nil
View File					

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
Nil	Nil	Nil

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
44	1150	167	6	30	5
No file uploaded.					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students	Programme graduated from	Department graduated from	Name of institution joined	Name of programme
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	enrolling into higher education				admitted to
2020	1	BE	Civil	NICMAR, PUNE	Management of Family Owned Construcion Business
2020	2	BE	Civil	NICMAR, PUNE	Advanced Construction Management
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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	9
GRE	4
View File	

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

Activity	Level	Number of Participants
Street Play 4	National	15
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
2019	Abhiyanta Karandak Street Play	National	Nil	1	71833137M	Rutwij Jatkar
View File						

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

Institute provides a platform for the different participation of the students in the various academic administrative bodies including other activities. This allows the students in gaining leadership qualities, rules, protocols and execution skills. Its selection, constitution, activities and funding: • Each council consists of a representative council, which is called Class Committee and includes student members too. • The student members bring forward their views and proposals of the entire class with respect to the faculty, subjects, syllabus and other things related to the class. • The composition of student members is of one topper, one average and one slow learner (the one who has more integrity with other students) of each different section and are nominated as class representatives, for all the sections from First Year to Final Year. • The Student Council aids the students share their ideas, interests, and concerns with lecturers and principal. They often also help raising the funds

for wide activities, including social events, community projects, helping people in need and college reform. • Various programs like paper presentations, workshops and seminars are organized by these bodies every year. We have formed 6 student committees such as: General Secretary(GS), Ladies Representative(LR), Sports Secretary(SS), Social Gathering Secretary(SGS), Treasurer(TR) and Assistant Ladies Representative(ALR) for five different departments. The students from BE(Mech) are Deepali Birje, Rohal Bagul, Chirag Pingle, Omkar Chavan, Vishwajeet Jadhav, Prabhat Mudrale, Akash Khilare, Aditi Dhabekar, Ankita Dhere, Minika Hinge, Dhanashree Kolamkar. The students from BE(Civil) are Mr. Tele Sahil Sunil, Mr. Akshay Balasaheb Gayake, Mr. Gawade Mangesh Mohan, Mr. Nikam Vijayan Suryakant, Mr. Sonawane Bhagyesh, Ms. Rajashri Rajaram Adhegaonkar, Ms. Priyanka Raju Bachute, Ms. Dikshanti Sunil Bhalerao, Ms. Waghmare Sakshi Satish. The students from BE(Comp) are Kunwar Rajesh Chopra, Kaustubh Yewale, Sapna Ramkumar Nikam, Priya K.P, Pranav Arun Kapse, Darshan Shinde, Nitish Uttamrao Thorat, Saurabh Raj, Gargee Mayur Shah, Gitanjali Kailas Bhujade . The students from BE(IT) Adwait Prashant Adsul, Shubhangi Arjun Karpe, Saloni Bamboli Jain, Shweta Suresh Mane, Bhandare Swaraj Sanjay, Khushi Modi, Rushikesh Dilip Kulkarni, Khushboo Koul. The students from BE(EnTC) are Malhar Karpe, Tambe Manoj, Shubham Kumar, Rushikesh Baheti, Sampada kalbande, Shikha Jaitwar, Rutuja Pardeshi, Patil Kunal, Sahil Ghawghawe and Vinayak Motegaonkar.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Alumni Association of SITS Narhe was registered in the academic year 2012-13. The registration number is 1928/2012/Pune dated 03/10/2012. Every year the alumni students are invited to the institute by respective departments to interact with the current batch of students. The Alumni play a key role in sharing their experiences of Campus Placement drives. They provide company specific inputs to the students to help them crack an interview. Alumni Network also plays a major role in guiding and helping the students who plan to pursue MS outside the country. Alumni who are residing in different parts of the world connect with current students and guide them about Foreign Universities, Cost of Living, Scholarships etc. The Alumni also connect with Faculties and Current students via LinkedIn, Facebook, and Twitter etc. They share the Internship as well as job opportunities available in their companies with their fellow juniors. They also recommend their juniors (current batch students) to the HR Department for internship/job positions. The Alumni are invited to judge the Technical and Cultural events and guide the students. This not only motivates the students but helps the Alumni relive their college days and strengthen the bond with their Alma Mater.

5.4.2 – No. of enrolled Alumni:

5456

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

5462000

5.4.4 – Meetings/activities organized by Alumni Association :

Each department arranges various activities under the Alumni Association. ETC, Computer and IT Department mainly organize Guest Lectures or Alumni Interactions, whereas Civil and Mechanical Department also organize Industrial Visits to the Industries/Sites of their Entrepreneur Alumni in addition to Alumni Interactions. The Alumni Association organized an Online Talk Series (Due to on-going pandemic) with Alumni from all the Departments. It was a three

day event from 4th June to 6th June 2020, the Alumni discussed about topics like 'Why I became an Engineer?', 'Engineering the first step towards a successful Career' and 'How Engineering made my life easy?'. The event was streamed Live on Youtube channel of the Institute and received an overwhelming response.

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)

The policies are decided by the SITS management. A full freedom (academic, administrative and financial) is then given to the Principal, HODs, and faculty. The details are as follows:

- Principal is empowered to appoint appropriate person as the HOD who has leadership qualities and good listening ability to understand the students and faculty, their situations and expected outcome.
- HOD is empowered to allocate specific subjects to appropriate faculty to give justice and get maximum quality results. In addition to the academic workload, the HOD also assigns few administrative duties to the individual faculty based on the ability and the leadership qualities of the individuals.
- The institute has formed IQAC and it has departmental IQAC coordinator for each department. That coordinator helps in administrative and academic activities throughout the academic year.
- Every faculty member has freedom of deciding the suitable teaching methodology by understanding the time frame and evaluation mechanism of SPPU.
- Involvement of faculty in various activities and the interest shown by them while executing specific task gives an idea to the HOD to understand the strength of the faculty. HOD is empowered to promote specific faculty to handle dedicated events in best possible way. This process is not only grooming the leadership of HODs but also useful to create a followers while executing various activities efficiently. Similar approach is also followed by the Principal to promote and encourage HODs, faculty and staff while executing specific activities for the development of the institution.
- Faculty members of every department follow all the instructions given by the HOD. They are not only handling the responsibilities of completion of academics but also help HOD in various administrative duties such as TG, CT, and coordinator of specific committee. Many dedicated faculties are also getting opportunity to perform their duties at institute level.

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

Partial

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
Human Resource Management	The institute has optimized human resources by: <ul style="list-style-type: none"> • Recruiting qualified and experienced faculty as per the guidelines of DTE, AICTE, University and Government of Maharashtra Rules. • Facilitating and deputing faculty for higher studies, • Promoting industry interaction among faculty and staff, • Updating knowledge of faculty through FDP, visiting/guest faculty, • Training to nonteaching staff. • All sort of leaves as per Government rules are

applied and implemented • Provident Fund Gratuity scheme are implemented to the employees • Temporary vacancies are filled up by local interview committee and management appointment as per requirement

Library, ICT and Physical Infrastructure / Instrumentation

• At SITS a Library committee is formed and the responsibilities of library committee is advising in collection, development, selecting books of respective departments. To enrich the library by procuring leading national / international print and e-journals, e-books. Guiding in budget allocation, policy decisions, forming rules regulations and controlling its implementation. To advise librarian to solve administrative problems. • Digital Library provides online access to e-journals and e-resources. • Barcode based issue/return of books. • NPTEL, Spoken tutorial from IIT, Bombay are used for self learning in addition to class room teaching.

Research and Development

The institute ensures research in faculty and students by: • Developing infrastructural facilities, • Promoting and encouraging faculty for research and publication, • Promoting qualification improvement program through research, • Encouraging students to undertake industry projects, • Encouraging students to present technical papers, • Signing MoUs with industry / foreign universities, • Encouraging faculties to apply for research grants

Examination and Evaluation

The formative evaluation is done by three continuous assessment tests conducted by the Institution. The continuous assessment marks secured by the students are submitted to the University through its web portal. The continuous assessment aids in identification of the slow learners. Further counselling and special training are imparted to the slow learners to enable them to perform better in the University Examinations. • Academic calander is made well in advance considering all the activities useful for quality outcome. • Conduction of mock examination and evaluation to understand effective TLP while transforming the subject matter amongst the students. • External examiners are appointed for Practical

and Oral examinations. • Question paper setting of University Examinations is done by the University. • For internal tests assessments of answer papers is done and are shown to the students. • The Question paper pattern is as per the University question paper. • Through assessment the idea about the topic understanding by the students is obtained for further action if any.

Teaching and Learning

SITS has used following strategies during academic year 2019-20 to enhance Teaching and Learning. 1. Outcome Based Education Implementation: Delivery of subject matter by a teacher is important for effective learning of students. The learning style of every student is different accordingly the teachers at SITS adopt the teaching methodology by understanding the students. By considering this fact the teachers shifted from traditional teaching method to innovative active and participative delivery method called outcome based education system. Therefore, SITS is practicing Outcome based education (OBE) system to improve the teaching learning process. 2. Use of dynamic Teaching Learning Techniques To improve the teaching learning process many innovative teaching tools are being used in SITS such as teaching methodology, teaching by giving live examples, Brainstorming, Audio/ Video tools, and activities involved teamwork etc. 3. Conduction of Remedial Classes Remedial classes are conducted for the weak students and the other students who require additional help. 4. Student feedback regarding teaching Feedback from the students is taken for the respective subject Teachers. Based on the feedback the low performers are counselled and the action plan made for improvement. It helps to improve teaching and learning process. 5. Use of Web based Online Courses In addition to classroom teaching, students are encouraged to apply for web based online courses like NPTEL, SWAYAM, Spoken tutorial which gives them a platform to choose the courses of their interest and earn credits. 6. Implementation of STP, VAP, QALR, ET, and AMCAT etc. 7. Guest lectures 8. Mentor mentee scheme for development of students. To facilitate the achievement of the intended learning outcomes the

following strategies are adopted: • Preparation of teaching plan at the beginning of the semester. • Allotment of subjects based on skill sets of the faculty members. • Preparation of the course plan by the Faculty members. • Innovative teaching methodologies like Multimedia lectures, • Assignments, quizzes, Group discussions and case studies etc.

Curriculum Development

The University decides curriculum which is implemented and to minimise the gaps as per needs of Industries additional efforts are taken to bridge the gap like: 1) Languages like Japanese, German etc are offered to the students who want to learn for self development. 2) For second, Third and Final year students Professional Skill Development courses like Personal Effectiveness and technical value addition, Interpersonal Skills, Leadership and Public Speaking, etc are additionally taught to the students. 3) All faculty members exploit their knowledge and ability to percolate the knowledge with the help of academic freedom given by the HODs with clear understanding of their responsibilities and expected outcomes.

Industry Interaction / Collaboration

III cell of the institute is making students industry ready through: • Expert lectures, industrial visits/site visits of specific domain, MoUs etc., • Student internship to get real world knowledge, • Interaction of faculty and industry expert, • Constructive suggestions while designing the curricula, • Developing skills with specific technology to the students, • Allowing the use of sophisticated equipments to the faculty and students, • Providing financial support/equipment/material/guidance for innovative projects, • Participate in teaching programmes, workshops and training programmes organized by the institute to adopt modern / latest technology in industry • Arranging Industrial visits

Admission of Students

Online centralized Admission process is set by the Govt. of Maharashtra, Directorate of Technical Education (DTE, Mumbai) is followed and admissions are given as per the prevailing rules set by Govt. For the management quota seats, the seats are

allotted purely on merit basis to the students based on their ranking.

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

E-governance area	Details
Planning and Development	There is a Admin Committee which includes members from like, an architect, an engineer, contractor, teachers and office staff to help out with the planning and execution of development/ modifications of the college infrastructure. This committee discusses financial matters regarding needs of departments, budget required and budget sanctioned so as to plan.
Administration	The website displays notices before admission, and reports of recent events conducted by students. Most of the college information is digitally maintained, like student information etc.
Finance and Accounts	Planning committee involves the participation of teachers and nonteaching staff. The budget sanctioned to the college is discussed with the committee. Budgets for each department at the beginning of the academic year also form part of the discussions. The Library committee in coordination with all departments takes book requirements and accordingly prepares and plans for the book budget.
Student Admission and Support	<ul style="list-style-type: none"> • The Student Council links between the students and the staff. • Academic support is provided to weak students. • The Library welcomes students for reference and study. • A Book Bank is also available. • In case of serious illness, students are visited in hospital by staff and companions. • Financially challenged students receive support through 'Earn and Learn' Scheme
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, online tests and prelim exam. Also mock practical and oral exams are conducted to prepare students for University final examinations.

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
2020	Geeta S Navale	Python For data Science(NPTEL)	NPTEL Faculty Development Programme	6050
View File				

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	NITTTTR	Problem Based Learning (ICT15)	02/12/2019	06/12/2019	120	Nil
View File						

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
ANALYSIS AND DESIGN BY USING-PRACTICAL CONCEPTS (ETABS)	1	06/05/2020	11/05/2020	5
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
115	115	91	91

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Gratuity, Group Insurance Scheme	Gratuity, Group Insurance Scheme	Earn and Learn Scheme, Medical Insurance

6.4 – Financial Management and Resource Mobilization

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

Institute conduct both internal and external audits periodically, There are two

separate two committees for both the audits, balance sheet is done by K. S. Mali external audit is done through Uday Patil auditor. Audit is done basically for following categories: 1. Faculty Salaries and Allowances 2. New Purchase 3. Faculty/Staff Welfare 4. Student Welfare etc.

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
STES	1224844	Grant for seminar/ Workshop, Gathering and Cultural Exp., Student Insurance Softskill, Grant for Equipment Techtonic
View File		

6.4.3 – Total corpus fund generated

0

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	No	Null	Yes	IQAC Suvillence Committee, Internal IQAC Committee
Administrative	No	Null	Yes	IQAC Suvillence Committee, Internal IQAC Committee

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

<ul style="list-style-type: none"> • Parents who are working with Industry support for guest lectures, sponsored projects and student internships. • Parent-Teacher meetings held to know the progress of student. • Parents contacted on a monthly basis regarding student progress • To get feedback, suggestions for improvement • Support for the welfare of students, teachers and for the development of the institution.
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6.5.3 – Development programmes for support staff (at least three)

For supporting staff various skill development programs were organized as mentioned below: 1) Hands on Microsoft Excel 2) Workshop on Stress Management

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

1. To Apply AICTE ATAL Proposals 2. To conduct International Conference 3. To improve UG Projects quality

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
2019	Regular meetings of IQAC	09/07/2019	09/07/2019	09/07/2019	21
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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
Women Empowerment Speech	10/01/2020	10/01/2020	87	10
Yoga for Fitness	03/02/2020	03/02/2020	47	5
Self Defence Training	04/02/2020	04/02/2020	35	5

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
Various events such as Environment Day, Fire safety awareness, Kolhapur flood relief funds, Earth Day and Water Day are arranged to motivate and create a feeling of awareness among the students about environment.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	No	Nil
Provision for lift	Yes	Nil
Ramp/Rails	Yes	Nil
Braille Software/facilities	No	Nil
Rest Rooms	Yes	Nil
Scribes for examination	Yes	Nil
Special skill development for differently abled students	No	Nil
Any other similar facility	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	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
2019	1	1	29/08/2019	1	Fire safety awareness	Awareness to fire safety	105
2019	1	1	15/08/2019	2	Flag Hoisting and Cleanliness Drive	National	70
View File							

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
The College Times	18/07/2019	<p>Electronics and Telecommunication Engineering is a dynamically changing and widening branch of the engineering profession, having application in every discipline of engineering. It is the driving force behind rapid development in latest technological growth. Electronics and Telecommunication engineering provides excellent career opportunities in various sectors of Industries. The department has a fine blend of qualified and experienced faculty and staff members. We are continuously striving hard to improve upon the quality of education and maintain its position of leadership in engineering and technology. The Department is equipped with state-of-the-art Laboratories to provide adequate opportunities for the students to learn and innovate new skills and ideas. The Industry</p>

Academia relationship helps in developing a powerful engine for innovation and economic growth. This relationship helps in modernizing teaching and learning methods by fostering an exchange of ideas and skills. Is also develop people with the skills and competencies required for new innovations which transforms world-wide markets and industries.

The main goal of the department is to develop innovative professionals and researchers in line with the requirement of industry and research organizations. At Electronics and Telecommunication Engineering we are committed to create an environment for the students where they can develop critical thinking and problem-solving skills. I am confident enough that our students will prove to be an invaluable asset for any organization. This motivate us to publish this Magazine ElectroBits

CLog

29/09/2020

It is an absolute pleasure to welcome you to Department of Computer Engineering of Sinhgad Institute of Technology and Science, Narhe. Also we take great pleasure in welcoming you to our Magazine CLog. The origin and intentionality behind our name, CLog, is simple: CLog means records of information of yearly events in department. We are grounded in sharing the views, perspectives, and stories of SITS Computer Department students and faculties. We have created this publication

with the intention of providing a space for the generation of knowledge, dialogue, and collaboration among a community of students, faculties, parents, and alumina and industry persons. The immediacy of e-based publication makes it possible for us all to be fully connected to each other and to developments in our department. Our vision is to create a high-quality publication that will be relevant and inclusive of a diverse range of events and activities arranged for students and faculties. Throughout the year our faculties and students always makes opportunity to appreciate and congratulate them for their achievements in various fields. This motivates us to keep records of their achievement and publish through magazine "Clog". This magazine "CLog" will keep records of all events which arranged in department throughout the year like workshops, seminars, and faculty development program, student welfare programs, Project and technical competitions for students, Placement activities, and industry interaction programs, with glimpses of cultural program and student achievements. Through this publication we found way to acknowledge and appreciate our students and faculties achievements. Like us, we want that people from different community must appreciate and acknowledge our students and faculties

achievements so at the end of the year all event log will be open for readers through "CLog".

Juvenilia

18/03/2020

JUVENILIA, is a magazine of college which helps to bring out the essence of S.I.T.S 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 "JUVENILIA". 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 develops writing skills institution and among students in particular and teaching faculty in general.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Fire safety awareness	29/08/2019	29/08/2019	105
Flag Hoisting and Cleanliness Drive	14/08/2019	15/08/2019	70
View File			

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

1. Swach Bharat Abhiyan 2. Display of instructions in classrooms/ labs to switch off the fans and lights when not in use. 3. Well maintained solar water system in hostels 4. Tree plantation 5. Proper arrangement of classrooms and laboratories for good ventilation 6. Cleanliness Drive

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practices I - Team Glycon Goal: To encourage students for participation in BAJA, SUPRA to compete at various national events thereby enhancing technical and competitive skills. The Context: To compete BAJA, SUPRA events the groups of students are formed which are taken from FE to BE by encouraging them. These

groups of students are then design and develop the racing cars for various competitions. The development of these vehicles is done according to the specifications provided by the respective event organizers. The Practice: Every year the outgoing students are briefing about their activities to their juniors to motivate them to participate in this event so as to improve themselves. The final year students then train the juniors so as to take their legacy next level. Evidence of success: From last six years the institute team has improving themselves year on year basis. In first year the institute did not get the prize but gradually from the past experiences the institute team has shown remarkable improvement by winning prizes at various competitions.

Problems Encountered and Resources Required: Initially the students were hesitant to participate due to the cost associated for the development of racing car. The students were unknown about the requirements for the development of the cars. There was also the problem for transportation of the car to the desired location. The institute supported the students by providing the proper place along with the basic instruments required. The faculties supported to understand the basic knowledge for the development. Best Practices II - Kautuk Goal: To appreciate and motivate students to excel their skills. The Context: Department appreciate students who perform well in curricular, co-curricular, extra-curricular activities, competitive/entrance exams. This motivates students to participate in various technical, cultural, social and other activities. The Practice: Every academic year department organizes an event like "Kautuk" or "Best outgoing student" etc. to appreciate and motivate students to excel their skills. Evidence of success: Due to this activity the students are motivated and are trying to achieve this award and as a result it has been observed an improvement in students performance. The students not only work hard to excel in exam but also participate in various activities to achieve this award. Problems Encountered and Resources Required: Initially the students were hesitant to participate due to the fear that it may affect their study. The institute provides all the necessary support and resources required like event arrangement, deciding prize etc. Best Practices III - Effective Communication Goal: To have effective and fast communication among students and staff. The Context: A group in Whatsapp is created for faculty as well as the students department wise to have instant communication. The Practice: The groups department wise, class wise and batch wise are formed for effective communication and tracking of progress of students. For each division the respective subject faculties are also in division groups. Evidence of success: All the students at any point of time can interact personally with any faculty to clear his doubts or they can interact in the group among themselves to resolve any issue. This has given the students a platform to have immediate communication. It is observed that the communication by this way is fast and effective. All the students get the information immediately. Problems Encountered and Resources Required: If someone isn't using WhatsApp or don't have smart phone. Best Practice IV: Social Activities Goal To Promote Humanity, Self-responsibility and Social awareness among students Context NSS group have been initiated to create awareness on issues such as environmental ethics, public welfare and promoting health and hygiene among the local community through students. The students of the college involve in various in-house and external public events such as blood donation camps, tree plantation drives, awareness rallies etc. to encourage and create awareness in local community. Apart from these the NSS Group activities help to understand the importance of conservation of water, preservation of soil and climate impact. Practice • NSS group, mostly run by students, under this several social service activities are carried out. Senior students address and encourage juniors to be part of their NSS group. • Students take leadership roles in these NSS group and connect with the people through various activities, organised in villages. • Students also involve in many welfare activities, cleanliness drives, health hygiene programmes in and around areas. • Multiple Tree plantation programmes are

conducted by the NSS group and the students. • As part of Swachh Bharat Abhiyan initiative, these NSS group conduct health and hygiene campaigns, awareness on rain water harvesting system and Tree Plantation drives at nearby locality. Evidence of success • As a result of such practices, awareness has been created among all the students to be a part of NSS group to serve the community around them. • In the event of natural calamities Food, clothing and other basic necessities have been supplied. The NSS group participation has helped create more awareness among the public which has made them to volunteer for more such services. Problems Encountered and Resources Required • For helping in natural calamities, as NSS group is self-funded by the students, therefore generating enough funds and resources is a challenge. This is met through donations from individuals, and the institute. • Mobilising and Organising people is a task that requires voluntary involvement and guidance. Senior students and faculty members assist these NSS group through their participation. They come forward with great interest and support all the activities. The college facilitates by arranging necessary transportation. • Allotting time, apart from their regular academic work, for such social activities is a challenge. Our student volunteers even spend hours after college to make a significant contribution. Best Practices V - Experience Live Projects Goal: To get awareness of currents trends, technology etc. to have company live projects for students The Context: Company experts conduct workshop for students. Student groups have been formed and per group live project is given by company. The Practice: To handle customer related queries of live projects. Evidence of success: 32 Students started working on live projects and revenue has been generated for students from live projects. Problems Encountered and Resources Required: The institute provides required infrastructure.

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

<https://drive.google.com/file/d/10N0NsO6lLTD1n9USo38Bw6AllGDsmIbU/view>

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

SITS is under the brand name of Sinhgad Technical Education Society (STES) known for imparting quality technical education. We are changing the World our Weapon is Quality Education. In today's world there is a need of world-class engineers. Our effort is to train the young scholars to develop interpersonal skills and moral values along with state of art technology, which will help to match the high global standards in engineering. At Sinhgad Institutes, the need was identified to start an innovative "Student Training Programme" that would help the students to build a personality equipped with exquisite technical and nontechnical skills. With this in mind a state of the art Student Training Programme is being implemented. Institute conducts student training program (STP) for five continuous semesters. It is based on Soft Skill Training that includes 5 modules. STP I: Personal Career goal Setting, SWOT Analysis, Resume Writing, Report Writing, Effective Letter Cover Letter Writing, Group Discussion, Listening Skills, Presentation Skills, Public Speaking, Behavioral Skills. STP II: Listening, Reading (Technical and Nontechnical), Writing (Letter, Report), Speaking (Public speaking, Group Discussion). STP III: Training on Technical Skills Training and refreshing of Technical Fundamentals. STP IV: Research Methodology. STP V: Value Addition Program Training from outside expert to add value to CV. Sinhgad Institutes and Study Estonia, India signed a Memorandum of Understanding for international collaboration in education in numerous activities such as student exchange programs, faculty exchange programs, customized short term summer and winter schools for students of Sinhgad Institutes, PhD programs for faculty of Sinhgad Institutes and such

other educational programs. Aimed at identifying best educational practices and enabling cross learning between the two parties is the basic purpose of the MOU. Sinhgad Institutes and Aalborg University, Copenhagen signed a Memorandum of Understanding for international collaboration. Sinhgad Karandak is a grand event which includes Technical, Cultural, and Sports events. Participants apply these events from many states and countries too, including students of Sinhgad all over Pune which has strength near around 10000. Its a huge platform for student to show their talents.

Provide the weblink of the institution

http://cms.sinhgad.edu/sinhgad_engineering_institutes/sits_narhettechnicalcampus/sits_nt_aboutus.aspx

8.Future Plans of Actions for Next Academic Year

- To enhance academic monitoring by IQAC.
- To enhance quality of UG projects.
- To develop E-content.
- To apply for NBA.
- To strengthen institute industry interaction.
- To strengthen Alumni Interaction.