Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**SINHGAD INSTITUTE OF TECHNOLOGY, LONAVALA**
Name of the head of the Institution	**Dr. Manik Sakharam Gaikwad**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**09552569864**
Mobile no.	**9552569864**
Registered Email	**principal_sit@sinhgad.edu**
Alternate Email	**dchaudhary.sit@sinhgad.edu**
Address	**Gat No. 309/310, Off Mumbai- Pune Expressway, Kusgaon (Bk), Lonavala, Tal- Maval, Dist- Pune**
City/Town	**Lonavala, Dist:Pune**
State/UT	**Maharashtra**

Pincode	**410401**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr. Dilip Damodar Chaudhary**
Phone no/Alternate Phone no.	**02114673379**
Mobile no.	**9372810161**
Registered Email	**dchaudhary.sit@sinhgad.edu**
Alternate Email	**dipra1987@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://cms.sinhgad.edu/SIT/MHCOGN26095-Sinhgad-Institute-of-Technology-Lonavala.pdf

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/sit_lonavala/academic_calendar.aspx

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B++**	**2.81**	**2016**	**16-Sep-2016**	**15-Sep-2021**

6. Date of Establishment of IQAC	**13-Jan-2017**

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
IoT Based Projects	15-Jul-2019 30	25
Internship from various IT industries	31-May-2018 90	81
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
No Data Entered/Not Applicable!!!				
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 :	2
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)

1.Value Addition Program, 2.Skill Upgradation, 3. Spoke Tuitorials 4. GATE /GRE 5. NPTEL courses

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 Program, Skill Upgradation	Results and Placement
View File	

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

Name of Statutory Body	Meeting Date
Academic Monitoring Committee (AMC)	02-Apr-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	**31-Jan-2019**

17. Does the Institution have Management Information System ?	**No**

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

As ours is 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 appropriate process is developed and deployed. 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/ training 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/practical accordingly.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year					
Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
No Data Entered/Not Applicable !!!					

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
No file uploaded.		

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, STQA, OR, MC	18/06/2018
BE	IT (BAI, STQA, SC, IoT, SMA, PC),	18/06/2018
BE	E&TC (IoT, EPD, ML, AVE, WSN)	18/06/2018
BE	Mechanical (FEA, AE, EAM, IE, PDD)	18/06/2018
BE	ELECTRICAL(PQ,RES,EHV,RSDR,HVE,SG)	18/06/2018

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

	Certificate	Diploma Course
No Data Entered/Not Applicable !!!		

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
C Programming	07/07/2018	69
Core Java	10/07/2018	55
C Programming	07/07/2018	35
IOT and Web App Development	22/08/2018	68
PLC (Programmable Logic Controller and SCADA)	22/08/2018	42
Machine Learning	22/08/2018	36
German Language	01/08/2018	27
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	Comp	27
BE	IT	8
BE	EnTC	17
BE	Mech	25
BE	Elect	4
[View File](#)		

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, and employers. Once the feedback is analyzed and valuable suggestions given are considered and necessary actions are executed. Institute collects the feedback physically from stockholders 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 stack holders 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.

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	Comp	180	136	133
BE	IT	60	41	38
BE	EnTC	180	15	12
BE	Mech	360	44	43
BE	Electrical	60	16	12
[View File](#)				

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	2265	22	174	9	183

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
163	140	32	32	5	32
No file uploaded.					
No file uploaded.					

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
2687	183	1:15

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
183	163	20	0	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	Dr. S.D. Babar	Professor	Recognision asPG teacher and PhD guide
2018	Dr. D. D, Chaudhary	Vice Principal	Recognision asPG teacher and PhD reviwer
2018	Dr. D. D, Chaudhary	Vice Principal	Recognision as

				Active SPOC for NPTEL programe

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	618524510	SE SEM1	13/12/2018	13/02/2019
BE	618524610	TE SEM1	12/12/2018	25/01/2019
BE	618537210	BE SEM1	11/12/2018	07/02/2019

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 route 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, effective and psychometric 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. Spoken tutorial tests are conducted on regular basis to evaluate students performance.

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)

http://cms.sinhgad.edu/SIT/MHCOGN26095-Sinhgad-Institute-of-Technology-Lonavala.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students	Number of students passed	Pass Percentage

			appeared in the final year examination	in final year examination	
618524510	BE	Comp	188	185	98.40
618524610	BE	IT	62	60	96.77
618537210	BE	E&TC	213	173	81.22
618561210	BE	Mech	430	381	88.60
618529310	BE	Electrical	67	53	79.10
			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)

http://www.sinhgad.edu/sinhgadInstitutes-2013/Inner-pages/SinhgadInstitutes-Alumni.html

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
Projects sponsored by the University	730	SPPU BCUD Research Funding	0.6	0.3
Projects sponsored by the University	730	SPPU BCUD Research Funding	2.75	1.38
Projects sponsored by the University	730	SPPU BCUD Research Funding	1.9	0.95
Projects sponsored by the University	730	SPPU BCUD Research Funding	2.3	1.15
Projects sponsored by the University	730	SPPU BCUD Research Funding	1	0.5
View File				

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
PostcPGCON(Conference)	Computer	16/08/2018
Seminar on Virtual Stock play	Computer	20/02/2019
National Level Workshop on IOT:Transformation in Engineering Education for Digital India	ENTC	17/01/2019

2018 IEEE Global Conference on Wireless Computing and Networking (GCWCN2018)	ENTC	20/02/2019
Workshop on Six sense Robotics	ENTC	21/09/2018
IETEian Innovations Workshop STES Smart Campus Innugration	ENTC	12/08/2018
Two days Workshop on PCB IOT Android	ENTC	28/07/2018

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
Smart water Hycacinth and alge cleaning (Appication no 201921002566)	Sushmita Gupta	Indian Patent office	12/10/2018	Patent
Cardiovascular diseases Prediction system using IOT and ML	1. Mayur Borkar 2. Jayant Birajdar, 3. Kanchan Sayaly	BVCOE Lavale Pune	29/03/2019	Best innovative Idea
Instruction Execution cycle	Registered	Government of India	12/12/2018	Patent
Detection of defects using sound and vibration analysis	Shivanand Awati	Design Innovation Center, SPPU Pune	07/03/2019	student

View File

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
No Data Entered/Not Applicable !!!					
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
Comp	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	Comp	3	1.7
International	IT	4	2
International	ENTC	4	2
International	Mech	6	2

View File

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
Comp	2
ENTC	2

View File

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
No Data Entered/Not Applicable !!!						
No file uploaded.						

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
No Data Entered/Not Applicable !!!						
No file uploaded.						

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

Number of Faculty	International	National	State	Local
No Data Entered/Not Applicable !!!				

View File

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 Camp	B055, BSF111, SIT LONAVALA	2	250

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

Participation in State Level disaster management training campAVHAN 2019 to Mr.Gaurav Pund	NDR FRIEND	Government of maharashtra	1
Participation in VISHWAKARMA CHHATRA AWARD	VISHWAKARMA CHHATRA AWARD	AICTE	10
Participation in Satyamev Jayate Water Cup 2019	JALDUT	Paani Foundation	1
[View File](#)			

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
NSS	SIT	Swachh Wari Abhiyan	4	250
NSS	SIT	Swachh Bharat Abhiyan	4	250
NSS	SIT	Lokjagar Program	4	250
NSS	SIT	Special Winter Camp	6	250
NSS	SIT	Voters Day	4	250
NSS	SIT	Invited Talk	4	250
[View File](#)				

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
No Data Entered/Not Applicable !!!			
No file uploaded.			

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
No Data Entered/Not Applicable !!!					
No file uploaded.					

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 Infotech	18/07/2018	VAP	61
ZinZout Teletech	03/09/2018	Antenna Design Thinking 3.0	45
TechmaniacsEduservices LLP	02/01/2019	Internship Program to 10 students to conduct Workshop	32
Vinsys IT Services(I) Pvt. Ltd.	13/08/2018	To provide training on German and Japanese Language	17
[View File](#)			

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
16.7	17.45

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with LCD facilities	Existing
Campus Area	Newly Added
Laboratories	Existing
Seminar Halls	Existing
No file uploaded.	

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 Software	Partially	second	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	24186	10384734	147	2676090	24333	13060824
e-Books	1350	0	1660	0	3010	0
Journals	58	107542	0	0	58	107542
e-Journals	0	0	0	0	0	0
Digital Database	0	0	0	0	0	0
CD & Video	4	30000	0	0	4	30000
[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
No Data Entered/Not Applicable !!!			
No file uploaded.			

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	398	21	2	1	2	1	5	100	70
Added	0	0	0	0	0	0	0	0	0
Total	398	21	2	1	2	1	5	100	70

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

100 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
No Data Entered/Not Applicable !!!	

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
12.47	13.43	6	6.5

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. Free WiFi facility is available at campus. Time to Time maintenance is carried out for it. AT campus OPD is arranged for students 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. 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. 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 are separate mess for boys and separate mess exclusively for girls in the campus. For pure hygienic water supply double carbon purification filler and aquagard purifiers are available in campus. A new sports complex at 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 centers have also been made available to the students well equipped laboratories are available at each department with maintenance. The library has a rich collection of technical, personality development communication skill and Career development titles more than 16122 books with 2801 titles. Library book collection autobiographies and a few classics. AutoLib 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, WiFi Connectivity, reprography and printing facility, Necessary. Eresources supporting latest technologies are available in library.

http://cms.sinhgad.edu/sinhgad_engineering_institutes/sit_lonavala/about_institute.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	0	0	0
Financial Support from Other Sources			
a) National	0	0	0
b)International	0	0	0
No file uploaded.			

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
Soft skill Development	25/06/2018	81	STP I
Yoga	19/01/2019	80	Divine Path
Remedial Coatching	19/10/2019	36	Concern facultyof SIT
IIT spoken Tuitorial	23/08/2019	30	IIT
Bridge Courses	07/07/2018	300	Globle Infotech, Geekslab Technology
View File			

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	Number of benefited students by	Number of students who have passedin	Number of studentsp placed

		competitive examination	career counseling activities	the comp. exam	
2018	GATE	250	2	12	8
2018	GRE	136	3	22	0
2018	Higher Education opportunities abroad after Graduation	3	3	22	4
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
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
list attached	401	304	Off campus list attached	133	16
View File					

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
2019	24	Mechanical Engg.	Mechanical Engg.	WCE VJTI,NITS,COEP some other Institutes	M.Tech, MS, 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	15
GRE	3
TOFEL	3
View File	

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

Activity	Level	Number of Participants

Table Tennis Intercollegiate Univ level	University	25
Sinhgad Sports karandak Cricke for Boys	International	80
Football Intercollegiate Univ level	University	720
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	3rd Tafftygas national Games	National	1	0	71716122G	Shubham Gupta
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 Ist 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: Ladies Representative (LR), Cultural Secretary (CS), Assistant Cultural Secretary (ACS), Technical Secretary (TS),, Sports Secretary (SS), Social Activity In charge (SAI), Magazine Coordinator, Adult Education, IQAC Coordinator,and NSS Coordinator Mr. Gaurav U. Pund NSS Coordinator 02 Mr. Vishal V. Shelake Social Activity Coordinator. This association includes various clubs. 1. Microsoft Campus Club Web Development Event Conducted by MCC Date: 11/09/2018 2. National Social Service "Avhan 2019, Chancellor's brigade" camp organized by Swami Ramanand Tirth Marathwada University, Nanded from 3rd to 12nd June 2019 for ten days. 3. Institute of Engineers (IE) i) The I.E.I club organized the Guest Lecture on "Embedded system design using MSP430 Processor and overview of Advanced Processor", 5th April 2019. The invited guest was Mr. Sujit Wagh from Wikinote, Pune. ii) The I.E.I club organized the "Guest Lecture" on 21st August 2018. The invited guest was Mr. Kirenany from SCADA, Pune, he illustrated students the resent trends in industry i.e. IOT, SCADA etc. Students gain their knowledge in this respective field. Which will help them to use in their curriculum. iii) I.E.I student's

chapter 201819 organized Engineers day Teachers day programme along with felicitation of Teacher's and Inauguration of I.E.I student chapter 201819 on 17th September 2018. 4. IETE i) Expert Talk on NPTEL, by Dr. D.D. Chaudhary and Prof. D.K. Shende (students80) ii) Inauguration of IETE chapter 201819, IETE students and staff. iii) Nakshatra 2018 by Prof. D.K. Shende (students30) iv) Two days' workshop on PCB IOT Android by Mr. Shrikant Padhen, Mr. Manohar Shinde (students60). 5. IEEE i) First Year Orientation and Induction Program175 ii) Interview orientation78 iii) Threads of love to Soldiers 56rakhis send iv) Membership development50 v) Inspirotalk250 vi) IEEEX(project exhibition workshops)100 vii) Battle of Brains500 viii) IOT Project Competition36

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes. An organization's alumni are the reflection of its past, representation of its present and a link to its future. The Alumni Association of SIT, Lonavala was registered in the academic year 200910 with the view of creating an engaged, supportive alumni network is crucial to an institution's success. If communication stops once graduates leave an institution, their understanding of the institute will become stale. Good alumni relationships bring many benefits to both the institution and the alumni. SIT, Lonavala is one of the most renowned institutions with vibrant alumni community that strives to build strong alumni community by leveraging alumni networks and expertise to boost careers of students and alumni. It will also be enhancing the brand image of our institution through notable alumni activities SIT, Lonavala can derive utmost benefits from engaging their alumni in terms of: 1. Support System An engaged alumni network allows benefiting from the skills and experience of our graduates, by offering Institute support to our students. Alumni are our most loyal supporters and our best ambassadors, offering invaluable marketing and promotion across their personal and professional networks. 2. Assistance in Employability Talented alumni will likely have a wealth of experience and skills to share with current students via talks and meets. In certain cases, this could go even further with alumni offering to practically support students in work placements and help them launch their careers. SIT's alumni create an engaged alumni network which is beneficial because engaged graduates are likely to give back to the Institute. Alumni network has a real life benefit for current students. Alumni also donate their valuable time to offer career support to current students. This enhances the students' experience and gives them that competitive edge in today's tough job market. The alumni network of a college is one of the biggest sources of placement opportunities to the students. Alumni can help students get placed at their respective organizations. 3. Reconnect Alumni can play an active role in voluntary programs like mentoring students in their areas of expertise. Alumni get in touch with students and share their expertise and best practices in a given field.

5.4.2 – No. of enrolled Alumni:

6100

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

69400

5.4.4 – Meetings/activities organized by Alumni Association :

SIT, Lonavala has conducted alumni meet programs as Alumni Meet2010, Alumni Meet2011, Alumni Meet2013, Alumni Meet2016, and Alumni Meet2017. 10 sessions were conducted by Alumni on different topics such as Project Work, Higher

Studies, and Career Opportunities. Alumni students have contributed as a Judge in SURABHI 2019. The institute has a tradition and culture of social awareness percolated through alumni gives motivation to the current students and faculties to participate in various social activities. It is found that our students got various innovative ideas by the motivation from the alumni. These ideas are then converted into extension activities through National Service Scheme (NSS) and Students Associations i.e. IEEE, IETE, etc. It also gave wide publicity and encouragement to our current students 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)

The policies are decided by the STES 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)?

No

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
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 colander 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.
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
Library, ICT and Physical Infrastructure / Instrumentation	• At SIT 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 ejournals, ebooks. 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 ejournals and eresources. • Barcode based issue/return of books. • NPTEL, Spoken tutorial from IIT, Bombay are used for self learning in addition to class room teaching
Human Resource Management	The institute has optimized human resources by: • 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
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.
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: • Languages like Japanese, German etc are offered to the students who want to learn for self development. • 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. • 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.
	Teaching and Learning	SIT has used following strategies during academic year 201819 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 SIT 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, SIT 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 counseled 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 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.

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

E-governace 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	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 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
2018	Prof. S R Meshram	ICERA IIT Chennai	ICERA IIT Chennai	3000
		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)
2018	NA	Linux programming and maintaince	03/10/2018	04/10/2018	4	25
			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
Role of NSS Engineer in rural Development	2	04/04/2018	06/04/2018	2
Workshop on Industrial tribology	1	15/07/2018	22/07/2018	6
Two Day National Workshop On IOT: Transformation in Engineering Education for Digital India	27	17/01/2019	19/01/2019	3
FDP01X on Learning platform OF ICT Tools For Effective Teaching	5	27/12/2018	27/12/2018	1

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
118	183	190	190

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
GIS	GIS	Earn and Learn, Students Insurance scheme

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, external audit is done through 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/ ASPIRE	1712932	Seminar/WS/ Training/ Techtonic/Equipment
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		Yes	AMC, IQAC
Administrative	No			AMC

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

• 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 low attendance • To get feedback, suggestions for improvement • Support for the welfare of students, teachers and for the development of the institution.

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 3) Wellness Program by Tej Gyan Foundation

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

• IQAC formation • Research Cell established to foster academic research among

staff and students • Introduction of skill/capability enhancement courses • Enhanced use of ICT by faculty in the teaching learning process • Initiatives for a green campus .

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	Departmental Academic Activities	13/07/2018	18/06/2018	29/03/2019	200
2018	Mid Term Submission	13/07/2018	18/02/2019	22/02/2019	600
2018	Conduction of Internal Exam	13/07/2018	28/01/2019	01/03/2019	600
2018	Departmental BE Project Review	13/07/2018	18/08/2018	29/03/2019	250
View File					

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
No Data Entered/Not Applicable !!!				

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
1350 KWh/month generation by 10KW solar power plant (9Hrs5kW30days). Celebration of days to inculcate environmental consciousness among students through celebrating days such as Environment Day, Earth Day and Water Day.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	0
Rest Rooms	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address	Number of initiatives taken to	Date	Duration	Name of initiative	Issues addressed	Number of participating students

locational advantages and disadvantages	engage with and contribute to local community				and staff

<div align="center">

No Data Entered/Not Applicable !!!

No file uploaded.

</div>

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

Title	Date of publication	Follow up(max 100 words)
Drusti college magzine	**10/05/2019**	**our college magazine brings 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. 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. The institute magazine has won the SPPU level best magazine prize in the Academic Year.**

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants

Institute Rule Book	13/06/2018	15/06/2018	25
Woman Safety Guidance	29/08/2018	29/08/2018	168
Kerala Flood Donation Drive	20/08/2018	29/08/2018	195
National Voters Day	25/01/2019	25/01/2019	160
13. Road safety week	04/02/2019	09/02/2019	120

No file uploaded.

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. In addition to this students have develop the automation system at corridors and in some labs and classrooms, which switch off the appliances when not in use by using motion sensors. 5) Swachh Bharat Abhiyan. 6) Optimization of power utilization by implementing suggestions, observations etc through the project work of BE students. 7.Reduction in energy use and reduction in cost of monthly energy bill.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Two best practices successfully implemented by the institution are 1. Various enrichment courses for development 2. Value Education classes for all students • A Facebook page for the institution has been created with the idea of hosting details of the activities of the college • The college has been the pioneer in establishing SMS gateway used to send intimation to parents about their ward's performance and attendance detail regularly • A group in Whatsapp is created for faculty as well as the students department wise to have instant communication regarding placement activities. • A college magazine is released annually containing student achievement, articles. • College newsletter is published once in a year containing faculty achievements, students participation and events conducted •TG scheme introduced wherein a TG (mentor) appointed for a batch of 20 students to look after the students in regards to academics and other aspects. •Remedial sessions for slow learners III Cell is very active in the institute

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/sit_lonavala/about_institute.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 II Listening, 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 Preparation Practice of Group Discussion and Personal Interview. STP V: Value Addition Program Training from outside expert to add value to CV. Institute provides international internship for the students. Under this program, student goes to European Universities like Aalborg University, Copenhagen, Denmark for 45 days internship. They learn project based learning skills.

Provide the weblink of the institution
http://cms.sinhgad.edu/sinhgad_engineering_institutes/sit_lonavala/about_institute.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: 1. Administrative Reforms. 1. Strict academic monitoring by IQAC 2. Increase utilization of eresources and NPTEL video lectures. 3. Examination Reforms. 4. Enhance Research activities. 5. Increase number of quality publications 6. Enrich the students with Value Added Programme (VAP). 7. Motivate the faculty member to write a proposal for fetching research grants. 8. Reformation in "Alumni cell", to increase the active participation of alumni. 9. Grants form funding agencies like AICTE/DST/CSIR/UGC etc. 10. Introduction of more Innovative Teaching Methodologies. 11. Encouragement to interdisciplinary undergraduate level projects. 12. Incorporate Project Based Learning (PBL) 13. Problem Based Learning (PBL) is a teaching method in which complex real world problems are used as the medium 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.