Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**NBN SINHGAD TECHNICAL INSTITUTES CAMPUS**
Name of the head of the Institution	**DR.S.D.MARKANDE**
Designation	**Director**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02024355041**
Mobile no.	**8308816104**
Registered Email	**nbnssoe@sinhgad.edu**
Alternate Email	**sdmarkande@sinhgad.edu**
Address	**Survey No. 10/1, Ambegaon (Budruk), Off Sinhgad Road**
City/Town	**Pune**
State/UT	**Maharashtra**
Pincode	**411041**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Semi-urban**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Mr.Manoj Madhusudan Joshi**
Phone no/Alternate Phone no.	**02024355041**
Mobile no.	**9922997919**
Registered Email	**iqac.nbnstic@sinhgad.edu**
Alternate Email	**nbnssoe@sinhgad.edu**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://cms.sinhgad.edu/nbnssoe/19-12-2019_Aqar_Report.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://cms.sinhgad.edu/sinhgad_engineering_institutes/nbn-ssoe,-ambegaon-(bk)/academic_calendar.aspx

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B++**	**2.83**	**2017**	**30-Oct-2017**	**30-Oct-2022**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**20-Mar-2018**

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

Special efforts for placement of students.	01-Jun-2020 365	500
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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
MBA	Occupational Stress and Mental Health Status of Police Personnel in Pune City and Pimpri Chinchwad	Centre for Police Research, Pune	2019 365	100000
		View File		

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)

Global Conference on Next Generation Information and Communication Technology 2020 was arranged at NBN Sinhgad Technical Institutes' Campus on 10th and 11th April 2020 with 432 participants during the Covid19 pandemic situation. Around 450 students were benefitted through various Value Addition Programs which were arranged in various departments on topics Electrical vehicle design,Industry 4.0,Three days Aspire Skill India Training on "Field TechnicianAspire Skill India March. 1012th,2020,Internal Hackathon 2020 etc. 1018 students were benefittedthrough various guest lectures arranged in various departments of NBN Sinhgad Technical Institutes Campus.Various guest lectures arranged were Electric Vehicle,Career Guidance,Industry 4.0,Cyber Security,Data Science using Python, Connecting Engineering Curriculum with Industry etc. Five MoU were signed by

various departments of NBN Sinhgad Technical Institutes Campus viz.MASS Technologies,Winner Academy of Excellence,L D,IMedita,Dhandeep automation. Special efforts for placement of students:Following efforts were done :Extra sessions on GDPI, Special training to BE students. Providing internship opportunities for TE students. Preparing MoU's with core companies, Motivating students for foreign language courses were the efforts made.Extra sessions on GDPI, Special training to BE Students. Providing internship opportunities for TE students. Preparing MoU's with core companies, Motivating students for foreign language courses were the efforts made.

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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 take initiative for an International conference. ?To sign MoUs with core companies. ?To arrange guest lectures and Value Addition Programs.	NBNSTIC teaching and non teaching staff could achieve the set plan.
[View File](#)	

14. Whether AQAR was placed before statutory body ?	No
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	07-Mar-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	Management information system or MIS is a central data repository for not only gathering and storing data but also for analyzing and improving the performance of an organization. A management information system (MIS) at NBNSTIC assists higher authorities for decisionmaking, coordination, control, analysis, and visualization of information about various activities of college. The study of management information system examines the

performance of students as well as faculty. The ultimate goal of the use of a management information system is to improve the teaching learning process. NBNSTIC has online system for 1) Monitoring daily attendance of the students 2) Observing the feedback from various stake holders through Google form sharing 3) Monitoring of internal Exam results through Google sheets

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

The college is affiliated to SavitribaiPhule Pune University (SPPU), Pune and follows the curriculum prescribed by the university. Our academic calendar is based on the timeframe provided by the university. The Heads of all the departments prepare academic calendar and guidelines after discussing the pros and cons of each. This academic committee decides the best methods to successfully implement the curriculum. Commencement and conclusion of academic term, unit tests, oral/ practical examination schedule, mock oral /practical schedule, midterm submission etc. is clearly indicated in the one page academic calendar and made available to the stakeholders and teachers to plan the academics. IQAC ensures effective delivery of the curriculum by properly implementing the plan. A choice of elective subject to be opted in final year is taken from the third year students during their end semester examination. Depending upon the majority of students opting for a particular subject, the elective subjects are finalized and faculties having flair for teaching that subject are allocated those subjects in teaching load distribution. At the end of the term, a subject choice sheet for the next semester is circulated in the department. Based on the experience, choice and previous performance, theory and practical load is distributed among the faculty members so that they can prepare notes and course file of the allocated subjects. Faculties prepare course files for the allocated subjects, which includes subject notes, teaching plan, lab plan, planning of teaching aids, University question papers etc. Course files of all faculties are checked by the HOD to ensure smooth conduction of lectures and practical by the faculty. Laboratory manuals are also prepared for smooth conduction of practical. Timetable for various classes is prepared by the timetable in-charge. Master timetable, Individual timetable, laboratory time table are prepared. All these Timetables are duly signed by the HOD and Principal. Members of Internal Quality Assurance Cell (IQAC) monitor daily attendance of students and conduct of academics. If required, give feedback to the faculty to improve the performance. IQAC takes online feedback about Department, Institute and teachers from students and based upon the feedback, IQAC members give suggestions/guidelines to faculties to meet learner's requirement. In critical cases, it is ensured that the feedback is improved and faculty has adapted himself/herself to cope up with learner's suggestions. College has teacher guardian scheme under which a batch of maximum 20 students is allocated to one faculty (TG) and TG has to take care of those students as if he/she is local guardian/parent/mentor of the student. Unit tests, retests and prelim exams are conducted as per SPPU examinations pattern for the self-evaluation of the students. Mock Oral/Practical sessions are conducted to make student aware about oral/practical examination. Extra

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
"Data Science using Python"(IT)	NA	13/02/2020	01	Python for ML Hands on	Python for ML Hands on
Expert Lecture on "Connecting Engineering Curriculum with Industry"(IT)	NA	27/01/2020	01	Industry curriculum gap	Industry curriculum gap
Higher Education Op portunities at Abroad(IT)	NA	28/01/2020	01	Guiding about Higher Education and Role in IT	Guiding about Higher Education and Role in IT
Cyber Security Ethical Hacking. (IT)	NA	07/02/2020	01	Guiding about Cyber Security Ethical Hacking.	Guiding about Cyber Security Ethical Hacking.
Guest Lecture(E TC)	NA	25/02/2020	01	Study in Japan"	Study in Japan"
Guest Lecture(E TC)	NA	18/02/2020	01	Career Options and Opportunitie s for B.E ETC Graduates	Career Options and Opportunitie s for B.E ETC Graduates
Guest Lecture(E TC)	NA	06/01/2020	01	Electric Vehicle	Electric Vehicle
Industrial Automation(E lectrical)	NA	07/02/2020	01	Industrial Automation- Application of Automation in Industries and its hands on session	Industrial Automation- Application of Automation in Industries and its hands on session
Thursday a ctivity(MBA)	NA	27/02/2020	01	Start up and new venture	Start up and new venture

Thursday activity(MBA)	NA	05/03/2020	01	Career planning and goal setting	Career planning and goal setting
Spoken Tutorial SE Comp	NA	17/03/2020	01	Students get upgraded knowledge from Premier Engineering Institutes and hence their employ ability increases	Blender
Spoken Tutorial TE Comp	NA	18/03/2020	01	Students get upgraded knowledge from Premier Engineering Institutes and hence their employ ability increases.	Java Business Application
Spoken Tutorial IIT -B Advanced CPP	NA	16/03/2020	01	Students get upgraded knowledge from Premier Engineering Institutes and hence their employ ability increases.	Advanced CPP
Spoken Tutorials IIT-B RDBMS PostgreSQL	NA	17/03/2020	01	Students get upgraded knowledge from Premier Engineering Institutes and hence their employ ability increases.	RDBMS PostgreSQL
Spoken Tutorials IIT-B "C"	NA	09/10/2019	01	Students get upgraded knowledge from Premier Engineering Institutes and hence their employ ability increases.	Programming in C
Spoken Tutorials	NA	09/10/2019	01	Students get upgraded	Programming

IIT-B "CPP"				knowledge from Premier Engineering Institutes and hence their employ ability increases.	in CPP
Spoken Tutorials IIT-B "Libre Office"	NA	19/03/2020	01	Students get upgraded knowledge from Premier Engineering Institutes and hence their employ ability increases.	Programming in CPP
Spoken Tutorials IIT-B "Arduino"	NA	20/03/2020	01	Students get upgraded knowledge from Premier Engineering Institutes and hence their employ ability increases.	Programming in CPP
Electrical-PLC SCADA Application	NA	11/09/2019	01	SCADA Application	SCADA Application
Electrical-PLC SCADA Application	NA	24/09/2019	01	Recent Trends in Automation	Recent Trends in Automation
Electric V ehicle(Mech.)	NA	07/01/2020	01	Electric Vehicle	Electric Vehicle
Scholarship Test and Seminar for GATE and ESE Aspirants	NA	16/09/2019	01	Scholarship Test and Seminar for GATE and ESE Aspirants	Scholarship Test and Seminar for GATE and ESE Aspirants
Opportunit ies:"Educati on in Abroad "(Mech.)	NA	23/09/2019	01	Opportunit ies:"Educati on in Abroad"	Opportunit ies:"Educati on in Abroad"
"Higher Education in Estonia"(Mec h.)	NA	23/09/2019	01	"Higher Education in Estonia"	"Higher Education in Estonia"
Energy Scenario and Energy Tips	NA	04/06/2020	01	Energy Scenario and Energy Tips	Energy Scenario and Energy Tips

				for Engineers	for Engineers
for Engineers (Mech.)					
"Entrepreneurship Development and Industrial Scenario in Machine Design"(Mech.)	NA	08/06/2020	01	"Entrepreneurship Development and Industrial Scenario in Machine Design"	"Entrepreneurship Development and Industrial Scenario in Machine Design"
Career Guidance(Mech.)	NA	07/02/2020	01	Career Guidance	Career Guidance
Industry 4.0(Mech.)	NA	14/02/2020	05	Industry 4.0	Industry 4.0
Electrical vehicle design(Mech.)	NA	17/02/2020	04	Electrical vehicle design	Electrical vehicle design
Guest Lecture on" Higher Education (GATE)" (Comp.Engg.)	NA	28/01/2020	01	Higher Education (GATE)	Higher Education (GATE)
Guest Lecture on "Explore ML" (Comp.Engg.)	NA	12/02/2020	01	Explore ML	Explore ML
"Cyber Security" (Comp.Engg.)	NA	27/02/2020	01	Cyber Security"	Cyber Security"

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	NA	Nill
[View File](#)		

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 Engineering	01/07/2019
MBA	MBA	01/07/2019
BE	IT	01/07/2019
BE	ELECTRICAL	01/07/2019
BE	E&TC	01/07/2019
BE	FE	01/07/2019

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

	Certificate	Diploma Course
Number of Students	1161	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
Energy Scenario and Energy Tips for Engineers	04/06/2020	144
[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	Mechanical Engineering	92
[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

A google form for feedback about teachers is shared with the students. The teaching process is monitored through online feedback from students and oral feedback from students by Head of Department. Teaching methodology of a faculty is assessed on different set of parameters. Student feedbacks are collected periodically when teaching is in process. Head of the department reviews and discusses with those faculties whose feedback is not up to the mark. This feedback really helps to improve his/her weakness as well as it helps to bridge up the gap between faculty and students. Process of Feedback from Students: 1. After 3-4 weeks of teaching Feedback about faculty is taken from the students through Google Forms. 2. Each student can give feedback only once. 3. Feedback is collected for all the faculty members according to their teaching subjects and practical. 4.Following evaluation parameters are included in feedback form 1.Preparation for the class and discipline 2.Sharing of study material with students 3. Punctuality and utilization of class time? 4. Board writing and Presentation? 5.Oral Communication 6. Use of Information and Communications Technology (ICT) resources? 7. Methods used for effective and innovative teaching-learning (e. G. Brainstorming, discussions, real time examples)? 8. Timely coverage of syllabus and creation of interest in the subject? 9.Discussion on real world applications and contents beyond syllabus 10.Technical knowledge of the faculty 11.Availability of teacher for doubt clearing 12.Timely correction of exam papers and assignments and its feedback sharing Analysis / Suggestions – YES/NO: Yes Overall analysis of feedback of faculty is good. Head of the department or IQAC members give suggestions/guidelines to faculties to meet learner's requirement. Based on the

Actions for Improvements (State in few words): Teachers having very poor feedback are in exceptional cases replaced by the IQAC (Internal Quality Assurance Cell) or if the feedback is average then the parameters wherein the teachers are supposed to improve are analysed, such teachers are counselled by senior faculties from IQAC and the teacher is advised and demonstrated with the methodologies to improve upon teaching learning process. As an example, teachers having problems with oral communication are suggested to undergo the course in English language laboratory to improve upon their oral communication. In critical cases, it is ensured that the feedback is improved and faculty has adapted himself/herself to cope up with learner's suggestions. The faculties are asked to improve upon their preparation for the class, knowledge in the subject and to correlate the subject with real time examples. b.Employers / Industries: Feedback Taken – YES / NO: Yes. Central Placement Cell (CPC) takes feedback from industry. Feedback is taken from recruiters, when they come for campus recruitments by T P cell of the institute. In order to know the expectations of the employer from the graduate engineers as per the industrial requirements and to bridge up the gap between industry and institute, a feedback is taken from the employers.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Computer Engg.	120	134	120
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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	231	120	96	13	Nill

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
109	67	4	19	2	6
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)

The institute has Teacher Guardian (TG) scheme for counselling the students, which satisfies the mission statement of the institute towards the holistic development of students. Under this scheme, every teacher is assigned a group of approximately 27 students. The TG conducts regular meetings with assigned students. The

students can discuss their personal problems with the TG in the meeting and /or he / she can discuss it in person. The parent remains in with TG to know the progress of their ward.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1968	109	1:18

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
108	109	Nill	8	12

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
2020	Dr. (Mrs.) S. A. Chiwhane	Assistant Professor	Bharath Institute of Higher Education and Research, Chennai
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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	677229310	II	05/11/2020	11/11/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The major evaluation reforms initiated by the institution on its own are as follows: The evaluation scheme reforms are comprised of continuous evaluation throughout the semester. The components for continuous evaluation are attendance, understanding of concept, case study, class test, field visit, simulation, home assignment etc. The marks of term work / internal is based on continuous evaluation. The institute has implemented mock practice session through E-exam portal for first year and second year engineering students. The institute conducts unit test/ tutorial / preliminary test and mock practical sessions to make students aware about their preparations and declared the result in eight days. The institute also takes mock presentations of seminar, mini projects and projects. To meet recruiter's expectations institute organizes various programs / events in view of bridging the gap between Institute and Industry. The teaching-learning process was shifted in interactive, project, and group based approach so as to make ease of answering the application based questions by students. Acquainting students with the online examination system, the institute provides practice Multiple Choice Questions (MCQ) through E-exam portal. Ensuring the fulfilment of the parameters of continuous evaluation through completion of term work, conduction

of mock practical and oral examination prior to university examinations, conduction of online, in semester and end semester examinations. During Covid Pandemic lockdown from March 2020, the institute faculties were conducting online lectures in systematic way on Microsoft Teams software and Assignments,Notes,Studey Material was also circulated to students.Also Multiple choice Quiz was conducted after every unit to enable the students to gauge their comprehension.Attendance was also recorded and practicals of many subjects were also covered through V-Lab.sessions.

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

For the qualitative implementation of teaching and learning, the institute plans and organizes teaching learning and evaluation schedule. Academic Calendar: In line with the academic calendar of SPPU, the Institute prepares academic calendar. It comprises of internal, university examinations, midterm submissions, STP, VAP, AMCAT tests, QALR tests, Industrial visits, seminars and guest lecturers etc. Teaching plan of each subject teacher is prepared on the basis of academic calendar and curriculum. Content beyond the syllabus is also planned to meet the objectives of the course. Evaluation process: Attendance Monitoring: Cumulative attendance of students is displayed monthly on the notice board. If needed TG interact with students if his/her attendance is not up to the mark, and the same is also communicated to their parents. Continuous Evaluation: The department monitors the attempt/participation of the students in laboratory work through continuous evaluation process, accordingly the student gets internal marks (Term work marks). Unit Tests and Prelim Examinations are conducted in each term. The examination performance of the students is monitored. Teacher Guardian counsels the students about the academic performance. Mock online tests are conducted for SE students and results are disclosed to students. Mock practical and oral exams are also conducted and performance of the students is evaluated and informed to all students. University Evaluation: At the end of term, SPPU conducts examination and evaluates the student's performance and offers the marks/ grade for the same. Extra efforts and remedial measures: After each internal test, mock test or university examinations, result analysis is done. Academically weak students are identified and extra sessions are scheduled for them. Head of the department takes a review of the result analysis. Remedial lectures are scheduled for failure students. AMC also takes review of result analysis as well as feedback and suggests corrections needed. This year due to the unprecendented Covid pandemic situation,from March-2020,after lockdown lot of reforms were required to be carried out time to time and in order to cope up with the situation,online sessions for students were carried out following work from home norms and online lectures were carried out initially through Zoom,Google meet,Cisco webex platforms and later it was decided to use Microsoft teams platform uniformly where assignments,online quiz,sharing of study material was carried out,online attendance was recorded.Practical sessions were comleted using V-lab.wherever the laboratories were developed to facilitate students with the simulation of the practicals was carried out.Oral examinations were also carried out using online tool only and the recording of these oral examination was also kept.

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/sinhgad_engineering_institutes/nbn-ssoe,-ambegaon-(bk)/departments/mechanical-engineering/peo-and-po.aspx

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
677229310	BE	Electrical	56	56	100
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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/e/1FAIpQLSe-xVyWgJiQxu8UDqWbZor5ifxpe1Q9Cr0FFRUkMZfez_sfcg/viewform

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
Nill	0	NA	0	0
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
Seminar on "Industry 4.0 "	Electronics Telecommunication Engineering	20/09/2019
Seminar on "Introduction to AI and ML"	Electronics Telecommunication Engineering	13/08/2019
Seminar on "Opportunities in Space and Satellite Com"	Electronics Telecommunication Engineering	31/08/2019
Workshop on "Basics of Python"	Electronics Telecommunication Engineering	27/07/2019
Seminar on "Deep Dive into ML and IoT"	Electronics Telecommunication Engineering	16/07/2019
Workshop on " IoT / Arduino "	Electronics Telecommunication Engineering	13/07/2019
Workshop on " Interview skills"	Electronics Telecommunication Engineering	03/07/2019
Workshop: Drone Design and Innovation	Computer Engineering	29/08/2019

Micro Analysis of Financial Statements	Master of Business Administration	19/11/2019
"Corporate Opportunities"	Master of Business Administration	21/11/2019
Workshop on "Intellectual Property Rights"	Electronics Telecommunication Engineering	11/10/2019
Japanese Audit Course-Module 1 2	Electronics Telecommunication Engineering	01/10/2019
Seminar on "PLC Automation"	Electronics Telecommunication Engineering	01/10/2019
Octave Workshop(Mech.)	Mechanical Engineering	07/02/2020
Industry 4.0(Mech.)	Mechanical Engineering	14/02/2020
Electrical vehicle design(Mech.)	Mechanical Engineering	17/02/2020
Python 3.4.3 training test, in association with IIT Spoken Tutorial,(IT)	Information Technology	27/03/2020
Seminar on "Study in Japan",.by Mr.Mayuresh Tilekar,Associate Engineer,Infosys Tokyo Japan(ETC,Mech.)	Electronics Telecommunication Engineering and Mechanical Engineering	25/02/2020
Seminar on "Career Options and Opportunities for B.E ETC Graduates", by, Mr.Renjith.C.V.	Electronics Telecommunication Engineering	18/02/2020
Three days Aspire Skill India Training on "Field Technician-AC".	Electronics Telecommunication Engineering	10/03/2020
Workshop on "Innovative Practices in Entrepreneurship"	Master of Business Administration	12/02/2020
Energy Scenario and Energy Tips for Engineers	Mechanical Engineering	04/06/2020
"Entrepreneurship Development and Industrial Scenario in Machine Design"	Mechanical Engineering	08/06/2020
One week FDP on "Python 3.4.3	Computer Engineering	23/04/2020
Webinar on "The DevOps with AWS for Automating Securing IT infrastructure	Computer Engineering	25/05/2020
Global Conference on Next Generation Information and Communication	Computer Engineering	10/04/2020

Technology 2020		
One Week FDP on R Programming, in association with IIT Spoken Tutorial,	Information Technology	04/05/2020
Online Quiz on R Programming	Information Technology	16/05/2020
An Online "Global Conference on Next Generation Information Communication Technologies-2020(GC-NG ICT-2020)"	Electronics Telecommunication Engineering	10/04/2020
One week FDP on "SciLab" arranged by ETC, NBNSSOE, in association with Spoken Tutorial IIT Bombay.	Electronics Telecommunication Engineering	11/05/2020
One week FDP on "SciLab" arranged by ETC, NBNSSOE, in association with Spoken Tutorial IIT Bombay.	Electrical Engineering	11/05/2020

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
."Prediction of future electricity consumption production using most efficient ML algorithm"	Sohum Dhavale(Student of Computer Engineering Dept.)	GC-NGICT-2020	10/04/2020	."Prediction of future electricity consumption production using most efficient ML algorithm"
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
NA	NA	NA	NA	NA	Nill
View File					

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
NA	Nill

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)
National	Information Technology	1	1.65

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
Information Technology	1

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
Multi-objective fractional gravitational search algorithm for energy efficient routing in IoT	Dr. A. V. Dhumane	Wireless Network (Springer)	2019	2	NA	Nill

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Multi-objective fractional gravitational search algorithm for energy efficient routing in IoT	Dr. A. V. Dhumane	Wireless Networks , Springer	2019	3	6	NA

View File

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	3	62	50	9

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 Volunteer Orientation Programme	NBN SSOE	2	92
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
NA	NA	NA	Nill
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
Swachh Bharat Summer Internship /National Service	AICTE/ NSS NBNSTIC	1. Cleanliness Drive Tree Plantation	1	40
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
NA	NA	NA	00
View File			

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
Internshala Internship	Internshala Internship	IT Internshala Internship	01/07/2019	30/06/2020	92
View File					

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
Winners Academy of Excellence-Comp	10/02/2020	Student Training	40

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
619.73	613.93

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing

View File

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	Fully	1.0.0	2011

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	15209	5249146	Nill	Nill	15209	5249146

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
NA	NA	NA	05/06/2020

View File

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	434	16	434	434	1	32	400	64	0
Added	0	2	0	0	0	0	0	0	0
Total	434	18	434	434	1	32	400	64	0

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

64 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Nil.But many online lectures were conducted from March 2020 during the lockdown period due to Covid-19 situation and lectures were recorded and made available to students based on their needs and demand.	NA

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
568.53	567.33	5	1.17

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)

Mechanisms for Maintenance: Institute takes due care of maintenance and upkeep of infrastructure including electrical, computers, mechanical machines, facilities, and furniture etc. in following ways: Classrooms, Laboratories, Tutorial rooms, Seminar Hall etc. are cleaned on regular basis and this activity is monitored by the departmental technical assistant. Librarian and supporting staff maintains the library. The institute has separate team of gardeners that look into the maintenance of sports complex. The institute has a team of qualified technical staff for maintaining computers and networking facilities. Few members are identified for the same and it is ensured that they are available at short notice. Faculty in-charge and technical assistant look after the maintenance of respective laboratory. The funds available from budget are utilized for repair of breakdown items. Dead stock verification is scheduled on regular basis to review equipment status. Estate office carries out maintenance of infrastructural facilities. Housekeeping services are regularly executed and monitored by estate office. Electrical maintenance is carried out from expert electrician staff of our institute. The team of lab technician, lab assistant and system administrator takes care for maintenance of electrical instruments, electronic equipment and mechanical machines. The institute has a carpentry section which takes care of minor repairs (sanitation, carpentry) required on a day to day basis. Team of skilled and semiskilled persons look after the regular maintenance of civil works such as furniture repairs, masonry and plaster works, painting carpentry, plumbing, gardening and house-keeping work. Mechanisms for Utilization: Classrooms and Tutorial Rooms are utilized as per the prescribed time table of the departments. Laboratories are utilized for lab sessions as well as the various hands on workshops, competitions, and online examinations etc. Seminar Halls are utilized for various student activities, seminars and guest lectures. Sports complex is utilized by all the students for various outdoor games. The following facilities of the library are utilized by the students and faculties: Bank facility for needy students and Book reservation facility for faculty. Access to Digital Library NPTEL video lectures are made available to students

and faculty. Separate internet leased line of 4Mbps is provided to library for accessing e-journals, eBooks, white papers, etc. Reading room is available 24x7 National Digital Library access is available.

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Rajarshi Chhatrapati Shahu Maharaj Shikshan Shulkh Shishyavrutti Yojna (EBC)	467	18389282
Financial Support from Other Sources			
a) National	NA	Nill	0
b) International	NA	Nill	0
View File			

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
International Yoga Day Celebration	21/06/2020	36	Conducted by NBNSTIC
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 competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2020	Guest Lecture on" Higher Education (GATE Examination)	120	2	Nill	78
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

Nill	Nill	7

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
Abzooba	10	Nill	Big-Trunk Communicatio n (SIT - Off-Campus)	25	Nill
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
2020	3	Computer Engineering	Computer Engineering	Trinity College Dublin, Northeastern University, University of Maryland Baltimore Country	Master of Computer Science
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	2
View File	

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

Activity	Level	Number of Participants
Sinhgad Sports Karandak (Central Organiser) 2	STES level Competition	293
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
2020	4th place at Pune rural region	National	11	Nill	WSVUT15	Sahil Pathan

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

Sinhgad Student Council is an association with a perfect blend of clubs to produce competent students to face the newer challenges of todays globalized world through holistic development. This council provides a platform for students to support, share and excel in potential qualities. This association includes various clubs such as alumni, management, engineering, research, placement, foreign students and student welfare. A few activities were planned in second semester of 2019-20 but due to Covid Pandemic situation and lockdown those planned activities by students could not be completed.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

College has registered association of Alumni. The Registration number of association is MH/1123/2017/Pune and Registration Date is 10/08/2017. The Alumni Association of NBN Sinhgad Technical Institute Campus allows more frequent and widespread interaction between alumni, Students, Staff members and the Management. With the proliferation of the association, alumni all over the world can stay in touch. Recognize academic, professional and other achievements of the alumni and the students, and to institute suitable awards for them.

5.4.2 – No. of enrolled Alumni:

698

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

698000

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni were invited for Graduation Ceremony, Alumni were invited for Technotic Events, Alumni Meet. Alumni Meet Date29th Feb 2020 Mech-82,ETC-47,IT-30,COMP-82,Elect-35,MBA-76 Total Alumni Participated-352

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)

Decentralization makes a significant impact on policy, planning and management of an organization. To achieve quality of education, at various levels the college grooms the leadership. Governing body, Management, Principal, Vice Principal, IQAC Members, Steering committee, teaching staff, non-teaching staff, supporting staff, student's union, student representatives, Stakeholders, Aluminies and various committees jointly empower, propose, design, formulate and execute their plans within the frame work of governance. The Academic, Administrative, Sports, NSS, Cultural, Examination, STP, IQAC, Purchase, Accounts. Dead stock verification, ERPetc. committees are working together for the smooth running and over all functioning of the college.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Industry Interaction / Collaboration	Industry Institute Interaction Cell (IIIC) consisting of member from industry, alumni is formed in every department and member from industry interacts with students. Visit to industry, lectures on current technology are organized. Students are directed to industries for sponsored projects. Eminent speakers from industry and service sector are invited for interaction with thestudents and faculty. Students go for in plant training or internship programs during vacation. Entrepreneur Development (ED) Cell motivates the students to initiate an innovative idea which is converted to a new venture management. The Entrepreneurship Development Cell (EDC) orients students to start their own business ventures. Bright students of department are allotted some of the industry projects. Alumni placed in the reputed industries are invited for informal dialogue with the students. Study tours are conducted for students to visit industries
Human Resource Management	The service rules, Pay-packages and other facilities are given to faculty and staff as per norms by SPPU Govt. of Maharashtra. For professional development of the human resources, the institute encourages the faculty and staff to undergo development programs outside the institute, provides technical resources and financial assistance to undertake such development programs. Partial financial assistance is offered to faculty for participating in various STTPs, FDPs, workshops, webinars, seminars and conferences. The facilities like 1) EPF 2) Gratuity 3) GIS 4) EMBF and leaves like CL, SL, Maternity Leave, EL, Vacation are given to faculty and staff as per norms. At the end of every academic year, Performance evaluation of the staff is done by online appraisal system provided on GEMS. Cognizance of performance appraisal and qualification improvement of the employees by the respective HOD Principal for annual increment and higher post. ? Faculties are given

	opportunity to work with other overseas institute and encourages higher qualification enhancement in collaboration with overseas universities.
Library, ICT and Physical Infrastructure / Instrumentation	The Library is automated with AUTOLIB library management software and the operations of cataloguing, circulation, stock verification have been automated. Online Public Access catalogue (OPAC) enables user to search the books in the possession of the library. Library also provides reprographic services, current awareness services, inter library loan, referral services and book reservation facility.In house/Remote access to e-publications is made available through internet, Wi-Fi and Library Portal. A well-equipped Digital Library with 30 nodes having internet connectivity is housed in the Central Library for access to e-publications.In order to update users about the latest technology, library subscribes to e-resource packages of Elsevier e-journal (Science Direct).Reading room is available 24x7 hours. Internet service, Governing Education Management System (GEMS) and Wi-Fi facility has been made available to the faculty and students in laboratory and faculty room.LCD projectors are installed in all classrooms few computer laboratories for on-line demonstrations of the practical course material. Online e-Exam portal provides multiple choice question banks for getting command over online examinations. All the departments have well equipped laboratories, as per the norms prescribed by various affiliating bodies. Every department has a multipurpose seminar hall equipped with LCD projector and PA system.
Research and Development	The institution has a central research committee (RC) to monitor and address the issues of research. For developing the research culture, various departments of the institute have signed MOUs with industries. Institute motivates the faculty to undertake research activities through post graduate studies and doctoral studies. It motivates them to publish research papers
Examination and Evaluation	•Internal Mock tests (for Online exam and Practicals), Unit tests and

	Preliminary examinations (Theory) are conducted at institute level. • Evaluation is done by the respective subject teachers and discussed with students. • External theory examination and practical/oral examinations are conducted by SPPU as per their rules and regulations. • Institute maintains overall analysis of the examination results.
Teaching and Learning	For carrying out effective and smooth teaching learning process, every department makes necessary preparations before the commencement of semester. The effectiveness of teaching-learning process is ensured by the members of IQAC. Some of the steps which are followed while implementing theteaching-learning processare: • Academic related programs such as Train the Trainers (TTT) and Faculty Development Program (FDP) are organized for faculty by the institute and University respectively for different courses. • Course allocation to faculties prior to start of semester • Preparation of departmental Academic Calendar and Teaching Plan • Defining Course learning Objectives and Course Outcomes • Preparation of Lecture notes • Modifying the laboratories to cater for the needs of revised syllabus and new technology • Monitoring the teaching process through Online feedback from students, Oral feedback from students by Head of Department, Academic audit by peer committee, Result analysis for internal as well as external (University) examinations.
Curriculum Development	The institute is affiliated to SavitribaiPhule Pune University (SPPU). The curriculum is developed by SSPU Pune and it gets upgraded after every 4 years. Board of studies (BoS) is a body in the University to formulate the curriculum. Faculties are actively participating in the process of design and development of curriculum at various levels such as member BOS, coordinators for subject revision, etc.

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

E-governace area	Details
Planning and Development	A Governing Educational Management System (GEMS) is maintained at institute level. Paperless governance

	ERP platform. GEMS is used for online management of - • Staff Profiles and Service Records. • Biometric attendance and leave approval of staff • Student Profiles • For taking students feedback
Administration	STES has its own data Centre. Important news and major events are uploaded on College Website i.e. www.sinhgad.edu. GEMS software updated with faculty profile and facilities is being used for leave management and performance appraisals. Activities of the institution such as sending e-mails, notices and agendas to faculty and staff rather than printing and distributing them is done with GEMS, enforcing a paperless communication. Wi-Fi internet system is available in the office and faculty rooms. Institute uses Bulk SMS Services to inform parents regarding the attendance and performance status of students.
Finance and Accounts	Account section uses Aspire Module (ERP-9) in order to maintain complete record of students. SINEWARE software is used to maintain the records of salary.
Student Admission and Support	DTE provides details of admission process and information brochure on its website: (www.dte.org). This brochure gives information regarding the eligibility and rules of admission for first year of engineering courses in the State of Maharashtra
Examination	Institute uses Online e-Exam portal to provide multiple choice question banks and to conduct internal online test for students so that they get command over online examinations. Institute and SPPU co-ordinates through QPD to carry auto all exam related work.

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	NA	NA	NA	Nill
[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	Workshop on "Intellectual Property Rights	NA	11/10/2019	11/10/2019	43	Nill

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Train The Trainers (TTT) Program for SE (Mech.) and TE (Mech.) faculties	21	16/12/2019	18/12/2019	03

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
90	109	73	73

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Group insurance scheme Accidental insurance Staff quarters Free medical treatment Registration fee for FDP programs Maternity leaves are provided as per the government and university rules Employee Provident Fund (EPF) with 100 gratuity for all staff	Group insurance scheme Accidental insurance Staff quarters Free medical treatment Maternity leaves are provided as per the government and university rules Employee Provident Fund (EPF) with 100 gratuity for all staff	SWD -scholarship/freeship received for category students (for SC,ST,NT,VJNT,OBC,SBC) DTE- Economically Backward Class students-EBC Scholarship (for OPEN students)

6.4 – Financial Management and Resource Mobilization

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

Institute conducts Internal External Financial Audit regularly . Yes, the institute conducts internal and external financial audits yearly (at the end of financial year)

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
NA	0	NA
[View File](#)		

6.4.3 – Total corpus fund generated

00

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	SPPU/AICTE/NAAC	Yes	LMC
Administrative	Yes	M/s K S Mali Co	Yes	LMC

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

For First year students Induction Program is arranged at the start of the academic year. On the first day Parents are also invited along with students. On this day parents are informed about all the activities and initiatives taken by the institute. For every class, Teacher Guardian system is implemented, where approximately 30 students are allotted to one faculty member. Teacher Guardian co-ordinates with the parents regarding academic status of the student. Institute conducts Parents Teachers meetings once in a year.

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

Yoga shibir, Blood Donation Camp, Advanced Laboratory Skill Development programmes were arranged for the support staff to relieve them from work stress and to increase their efficiency.Blood donation camp was organised to complete social responsibility partially. One Week Online Short Term Training Program(STTP) on "Best Practices for Life Skill Management" from 7th July to 11th July, 2020,

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

? Special efforts for placement of students. ? Conduction of webinar for guidance on self employment by established entrepreneur. ? Encourage students to choose "Foreign Language Course as a subject under the Audit Course and guidance of allotted faculty, for final year mechanical engineering students which can be helpful for their higher studies. ? Encourage students for paper publication related to their project work which will be helpful for their higher studies documentation work. ? Students had been asked to join TCS iON courses for Soft Skills Development. ? Special STP courses had been implemented. ? Strengthening of Industry-Institute Interactions through Industrial visits, Internships which are beneficial for student community. ? Extra Sessions on GDPI, Special Training to BE Students. Provi6ding internship opportunities for TE Students. Preparing MoU's with core companies, Motivating students for foreign language courses were the efforts made. ? Placement sessions organized by the Institute TPO. Guidelines on CV preparation, Communication Skills, Writing Soft Skills etc.. ? Special Session by Dr. Jayesh Minase , Director CPC for students on Current placement situation, expectations from Employer.

6.5.5 – Internal Quality Assurance System Details	
a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	No
d)NBA or any other quality audit	Yes

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	Study Forum Activity on Introduction to Blockchain at Computer Engineering Department	17/09/2019	17/09/2019	17/09/2019	46

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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
MBA- Women's Day Celebration (Wellness Yoga)	09/03/2020	09/03/2020	43	26

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

Sr. No. Activity Date Activity Name Venue No. of Student Participant 1 6th July 2019 Tree Plantation Drive at Taljai Hll Temple, Pune Taljai Hll Temple, Pune 111 2 11th July 2019 Bhumi Foundation Orientation Program NGO NBNSTIC 131 3 15th to 17th July, 2019 Paper Collection Event NBNSTIC 94 4 19th July 2019 First responder training program in collaboration with Indian Road Safety Campaign NBNSTIC 85 5 26th July 2019 Message of Vivekananda for youth NBNSTIC 129 6 7th Aug 2019 Street Play on Road Safety NBNSTIC 50 7 9th Aug 2019 Flood Relief campaign for raising funds for Kolhapur and Sangli NBNSTIC 78 8 27th Aug 2019 Tree Plantation Drive at Taljai Hll Temple, Pune Taljai Hll Temple, Pune 66 9 29th August, 2019 Life Changing Seminar on Skill sets NBNSTIC 63 10 29thAugust 2019 National Sports Day Event NBNSTIC - 11 8th Sept 2019 Street Play On "Yuva Pidhi Kal Ani Aaj" Laxmi Road, Pune and NBNSTIC Campus 32 12 9th Sept 2019 Literacy Day Event Shyamrao Shripati Barate Primary School, Warje – Malwadi 50 13 9thNovember 2019 Police Mitra - Traffic Management Dhayari, Pune 42 14 18th September 2019 Blood Donation Camp NBNSTIC 148 15 20th September, 2019 School Teaching Event Primary School , Vajeghar – Khurd 49 16 24th September 2019 Campus Cleaning Drive NBNSTIC Campus 79 17 24thSeptember 2019 50th NSS Day Event NBNSTIC 94 18 2nd October 2019 Vrudhhashram Visit Old Age

Home 32 19 2nd October 2019 Cleanliness Drive Prayeja City 47 20 19th October 2019 Cloth Donation Drive NBNSTIC 58 21 16th December 2019 River Clening Drive Omkareshwar Bridge 42 22 10th January, 2020 Paper Collection Event NBNSTIC 94 23 21st to 27th Jan 2020 Special Camp at Vajeghar (Bk.) Vajeghar (Bk.) 45

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nill
Provision for lift	Yes	2100
Ramp/Rails	Yes	Nill
Braille Software/facilities	No	Nill
Rest Rooms	No	Nill
Scribes for examination	No	Nill
Special skill development for differently abled students	No	Nill
Any other similar facility	No	Nill

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
2020	Nill	Nill	01/07/2020	00	NA	NA	Nill

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

Title	Date of publication	Follow up(max 100 words)
NA	01/07/2020	NA

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Tree Plantation Drive at Taljai Hll Temple, Pune	06/07/2019	06/07/2019	111

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

1. Paper Collection Event was conducted from 15th to 17th July, 2019 2. Campus Cleaning Drive was conducted on 24th September 2019 3.Cloth Donation Drive was conducted on 19th October 2019 4.Paper Collection Event was conducted on 10th January, 2020 5. On 50th NSS Day Event importance of Eco-friendliness was conveyed to students: 24thSeptember 2019

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Conduction of Student Training Programs -STP 1, STP 2, STP 3, STP 4 and STP 5 2. Conduction of cocurricular and extracurricular activities under Sinhgad Students Council Clubs In keeping with the institution's vision of producing not only good engineers but good human beings too, college has always given priority to all round development of students. For this, there is Student Training Program activity under which training on soft skills development, Group Discussion and personal interview techniques, Engineering Research and its publication and one value addition program on latest technology based on students' choice are conducted from SE to BE level. 3. Collection of Stakeholders' feedback through Google forms in the year 2019-20

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/nbn-ssoe,-ambegaon-(bk)/tlp.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

In keeping with the institution's vision of producing not only good engineers but good human beings too, college has always given priority to all round development of students. For this, there is Student Training Program activity under which training on soft skills development, Group Discussion and personal interview techniques, Engineering Research and its publication and one value addition program on latest technology based on students' choice are conducted from SE to BE level. College has an active NSS cell under which various social activities are conducted to inculcate an awareness of the value of a holistic education and empathy for the less privileged sections of society. College also has Various activities like trainings/competitions are conducted throughout the year. Institute has Sinhgad Overseas Cell under which guidance on educational opportunities in abroad is provided to the students.

Provide the weblink of the institution

http://cms.sinhgad.edu/sinhgad_engineering_institutes/nbn-ssoe,-ambegaon-(bk)/departments/mechanical-engineering/student_achivements.aspx

8.Future Plans of Actions for Next Academic Year

1. Code of conduct for various stakeholders Viz.Student, Faculties, Parents, Non teaching staff is to be established in the form of handbook. 2. Programs related to gender equality,woman empowerment will be arranged.Participation of students in cultural activities will be encouraged. 3. Tree plantation will be initiated in the campus to reduce pollution and to develop ecosystem. 4. Incubation centres will be soon functional as we got support from Savitribai Phule Pune University,Pune.