Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**SHRAM SADHANA BOMBAY TRUST'S COLLEGE OF ENGINEERING AND TECHNOLOGY**
Name of the head of the Institution	**Dr. K. S. Wani**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02572258393**
Mobile no.	**9423774254**
Registered Email	**sscoetjal@gmail.com**
Alternate Email	**spshekhawat@rediffmail.com**
Address	**NH-6, Post Box No.94,**
City/Town	**Bambhori, Jalgaon**
State/UT	**Maharashtra**
Pincode	**425001**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Dr. Sanjay P. Shekhawat**
Phone no/Alternate Phone no.	**02572258393**
Mobile no.	**9423621653**
Registered Email	**spshekhawat@rediffmail.com**
Alternate Email	**sscoetjal@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.sscoetjalgaon.ac.in

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://www.sscoetjalgaon.ac.in/Activities/2019/AcademicCalendar2019-20.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B++**	**2.91**	**2016**	**16-Sep-2016**	**15-Sep-2021**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**23-Apr-2013**

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
Industry Institute Symposium on Software	**25-Jan-2020** **01**	**250**

Development		
[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!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View File](#)
10. Number of IQAC meetings held during the year :	**1**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**No**
Upload the minutes of meeting and action taken report	**No Files Uploaded !!!**
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)

The IQAC ensures that the college maintains a consistently good academic record. For proper improvement of academic standards the IQAC monitors teaching and student performance. Feedback is regularly taken to facilitate the process. As an advisory body the IQAC offers suggestions for development of teaching skills, the teaching learning process, infrastructure and in many other fields related to the college. The regular attendance of students and teachers round the year is monitored through the Heads of departments. The teachers are encouraged to participate in Refresher Courses, Orientation Programmes, Research, Seminars and Workshops etc. for the upgradation of knowledge base. All teachers are encouraged to take part actively in research work. They are encouraged to send proposals for major and minor research projects of UGC, DIST etc. Departments are encouraged to regularly hold Tutorial and special classes to address the specific needs of students. The IQAC suggest for holding seminars, workshops etc. by individual departments to upgrade the knowledge base of the students.

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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 enhance e learning in the institute	Teachers and students are very well acquainted with online teaching and learning technologies and process.
All departments are encouraged to organize seminars, workshops and special lectures to improve the academic atmosphere.	Departments organised such activities.
As is the practice of the college, all teachers were encouraged to take part in online training programmes and conferences	Teachers' of almost all departments joined in such training programs
No Files Uploaded !!!	

14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
College Development Committee	09-Dec-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	2020
Date of Submission	28-Jan-2020
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)	Account, Store, Establishment, etc

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 key to the effective implementation of the University prescribed curriculum is efficient planning. Consequent to the adoption of the new syllabus as per

AICTE guidelines by the University we have ensured that the college academic calendar is in place much before the beginning of each semester and preparations for the next semester are complete in time. As a college policy, departments are encouraged to accommodate the student's choices. Students will select subjects from professional electives and open electives as per his /her choice. As an attempt to increase the efficiency of curriculum delivery, the faculty are required to prepare modular teaching plans before the beginning of the semester. Periodic review of curriculum delivery is carried out during HOD meetings and any mid-course correction done if necessary. Each department strives to ensure that there is efficient curriculum delivery and teachers are encouraged to use innovative teaching learning methods to achieve this goal. The college administration supports the departments in this process in every possible way. At the end of each semester, teachers submit internal assessment marks in accordance with the institute guidelines. Moderation of these marks is conducted at the department and the college level. Another important element of post semester activities is collection of student feedback on various parameters related to curriculum and its delivery. This feedback is a critical input for the IQAC to evaluate the efficacy of curriculum delivery and implement steps to improve it in the next semester. Our college has registered for NPTEL (National Programme on Technology Enhanced Learning) where students can have the access of e-learning through online Web and Video courses for various streams. Various classroom teaching methods based on various needs of different subjects are regularly used for the effective delivery of the curriculum such as a. Chalk and Blackboard method b. ICT-enabled teaching-learning method. c. Use of different software. d. Use of Scientific models and charts for effective lecture delivery. e. Distribution of class notes by teachers. f. Group discussion amongst the students during the class. g. Micro-teaching and seminars by students related to curriculum. h. Paper presentation by the students. i. Proper and adequate instrumentation facility is given to the students for their practical classes; there is also a central instrumentation facility for that purpose. j. Need based survey programmes, field works and educational excursions are carried by the departments. k. Project work, dissertations are conducted for fulfilment of their degrees. l. Seminars and special talks by experts are also arranged regularly for advance studies. m. Regular class test, Mid-term examinations, Mid semester examinations, regular assessment in practical classes, viva-voce, are done to keep track on the improvement of the students. n. Remedial and tutorial classes are also conducted based on requirement. Departments maintain the detailed record of the classes, assessments, project reports etc. College administration also keeps a vigilant eye on the results, departmental proceedings.

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 !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting	Programme Specialization	Date of implementation of

CBCS		CBCS/Elective Course System
BE	Civil, Chemical, Biotech, Computer, Electronics Telecommunication,IT, Electrical, Mechanical	01/07/2019

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
Analytical Techniques in Biotechnology 2.Industrial Waste Management 3. Industrial Hazards Aseptic Operation	21/08/2019	61
Guidelines for Smart India Hackathon preparation	30/09/2019	291
Guidelines for Report Writing and Technical Paper Writing	03/10/2019	151
Latex Workshop	14/10/2019	151
Advanced Instrumental Analysis And Techniques in Chemical Engineering	20/08/2019	102
Industrial Safety	21/08/2019	102
Process Design In Chemical Engineering	20/08/2019	102
Signals and Systems,Electronics Measurement, Industrial Automation , Linear Integrated Circuits and Applications	01/07/2019	248
Spoken English	16/09/2019	30
Introduction to AutoCAD	07/10/2019	30
[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	Food Processing, Clinical Trials, Agriculture	14
BE	Project	144
BE	Minor Project	151

BE	Internship	164
BE	Process Safety Management (Internship)	7
BE	Industrial Zero Liquid Discharge(Internship)	28
BE	Industrial Water Management: Treatment, Conservation and Harvesting(Internship)	29
BE	1) Flyback Converter with H-bridge Inverter 2) IOT based stepper motor control 3) Power Quality Improvement using DVR (Dynamic Voltage Restorer) 4) 15 level cascaded multilevel inverter 5) IOT based speed control of induction motor and monitoring sy	45
MBA	Project	60
BE	Summer Internship	132
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

Students feedback is filled by both UG and PG Students. Feedback is received on varied aspects of academics, quality of teaching, punctuality of teachers, etc. The points are calculated according to the grades given by the students in various criteria. The Average and percentage of various criteria are calculated. Feedback is also collected from the parents during Parent Teacher Meetings (PTMs) that are organised at college level. Suggestions and comments given by the guardians are also taken into account for future development. The different areas where improvements are required are discussed in respective committees/departments. The proposals given by the different committees and departments are discussed in GB of the college for necessary action. Strengths of the college are also taken into consideration for further up gradation. Feedback of alumni is collected during the alumni meet. Similarly feedback of employer is also collected by the training and placement section. Thus the feedback given by the stakeholders were analysed and suitable action was taken so as to satisfy the expectations of students, parents and employers. This further helped us to improvise our curriculum as per the expectations of the stakeholders. There is open communication between the students, teachers and

parents regarding the curriculum. Students are encouraged to give their feedback informally during lectures and tutorials and during mentoring sessions. This feedback is then conveyed to the Principal during curriculum review meetings each semester. The feedback is also used to organise talks and lectures by experts to enrich the curriculum. Based on this informal feedback, students are also encouraged to do research projects, write papers and do internships to add value to class room learning. Our institution strongly believes in holistic development and value building of the student. Hence their feedback is highly valued. The responses gathered via the student feedback survey helps us to identify areas of improvement in curriculum delivery and evaluation methods.

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	Engineering	600	410	384
ME	Engineering	36	3	3
MBA	Business Administration	60	66	60
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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	2342	119	119	9	15

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
125	125	Nill	10	2	Nill
View File of ICT Tools and resources					
View File of E-resources and techniques used					

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

Teacher Guardian Scheme Teacher Guardian Scheme (TGS) is introduced to assist the students in their learning difficulties and to monitor their academic performance regularly. For a batch of about twenty to twenty five students, a teacher is assigned the role of Teacher Guardian (TG). Teacher Guardian works as a friend, philosopher and mentor for these students. This scheme is to provide conducive environment to the students and takes some burden off the parents and lessens their anxiety. The students are free to contact the Teacher Guardian for any kind of problems at any time during college hours. Students may also contact Teacher – Guardian through mobile after college hours. The objectives of the scheme: • To acclimatize the students to the

campus life in SSBT. • To provide academic counseling. • To enlighten the students on professional ethics and conduct. • Providing emotional support to students on individual basis. • Identifying weak areas and working out remedies helping students thereby taking their complete care. • To communicate with the ward's parents. • Establishing rapport between teachers, students and parents. • Serving as a bridge between teachers, student parents. Highlights of the Scheme: • One teacher is nominated as Teacher Guardian for twenty students. • The same teacher remains as Teacher Guardian for entire duration of course. • Teacher Guardian keeps track of all records of students i.e. personal details, details of parents, attendance, academic performance etc. • Teacher Guardian does counseling about studies. • Teacher Guardian communicates parents regarding their ward's performance and attendance every month. Responsibilities of Teacher Guardian: • Teacher guardian monitors academic performance of students. • Follow up regarding attendance of students. • Helping students to cope with learning difficulties. • Try to improve poor performance of students through counseling. • To score good marks in the exam. • To prepare for competitive exams and interviews. • Giving information concerning career opportunities. • Motivate to participate in co-curricular and extracurricular activities. • Solving personal problems, if any. Teacher – Guardian may consult higher authorities like HOD / DOA / Principal / Vice Principal if he/she is unable to solve the problems. • To help differently abled students. • Help to improve interpersonal relationships. • To apprise parents regularly of their ward's performance through SMS. Students Distribution for Teacher Guardian Scheme: • Total number of enrolled students should be equally divided among permanent faculty members of the department. • Every faculty member should be allotted students from FE (respective branch), SE, TE and BE. • Department coordinator for Teacher Guardian Scheme should maintain the record of allotment.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2474	125	1:20

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
124	128	Nill	36	29

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	Nill	Nill	Nill
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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
MBA	Nill	2019-20	29/10/2020	19/11/2020
MBA	Nill	2019-20	03/01/2020	31/01/2020
ME	Nill	2019-20	20/12/2019	23/01/2020
BE	Nill	2019-20	20/10/2020	19/11/2020
BE	Nill	2019-20	23/12/2019	04/02/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The institution is keen on monitoring the performance of the students and reports to the Parents. Progress Reports are sent by the class teachers to the parents monthly. Parents/ Guardians are advised to note the performance of their wards and take remedial measure if needed. Whenever necessary, the teacher shall recommend the visit of the parent to the college for a discussion about the Remedial Classes conducted for the slow learners, absentees and other students. This practice helps slow learners to update their subject knowledge and helps them to catch up with their peers. External examinations of three hours duration are conducted at the end of every semester for all the theory papers. Students should satisfy the eligibility criteria of 75 attendance in each semester to appear for University Examination. Each department has Examination Coordinator for smooth conduction of Internal Tests. The results of each test are declared within a week after the end of the test. The students can see their respective answer sheets and discuss their queries with concerned staff. The institute believes firmly in continuous evaluation of the students for their sustained performance. Hence a structured evaluation process has been designed and implemented. The tests are prepared and conducted as per the University examination pattern. The institute conducts two unit tests appropriately as per the requirement of the concerned syllabi of different classes. By giving home assignment, tutorials, problems and taking follow up, help the student to explore various learning resources like the Internet and libraries etc. which will enable to develop students for self study, analytical and reasoning capabilities. Students are encouraged to see video lectures (NPTEL), e-books, models and charts.The institute has taken efforts to improve the performance of students by framing significant reforms in Continuous Internal evaluation.The reforms are as follows: 1. Remedial measures are taken by conducting tutorial classes to clarify doubts and re-explaining the critical topics. 2. Unit wise questions are provided for all subjects. 3. Students are encouraged to solve previous years University Exam question papers. 4. For First Year students prelim exams are conducted prior to University Exams 5. MOODLE learning Management System is utilized. 6.The institute regularly conducts, group discussions, seminars and guest lectures. 7. Poor performance due to frequent absenteeism is dealt by sending letters to the parents of such students. 8. The institute effectively uses MOODLE and WhatsApp group for the exam section wherein all the notices related to the examination and academics can be circulated and communicated to all students. 9. Monitoring the improvement in learning of slow learner and encouraging the advanced learners by reviewing their performance in exams.

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

The institute adheres to the Academic Calendar prepared according to the calendar provided by University. Every year we prepare the academic calendar for the institute and also a department wise activity schedule for smooth functioning. This ensures that the curriculum is enriched through related activities like guest lecture, extension series and industry interaction. For the academic session academic calendar was prepared and followed for conduct of examination and other activities. The academic calendar is displayed on the institute website and also shared with the head of the departments/teachers so as to ensure proper execution. Being an institute affiliated to KBCNMU, Jalgaon, we follow the academic schedule provided by the university. The Institute prepares their own academic calendar for various programmes which follow the timelines/guidelines and academic schedule of the affiliating University. Generally, the University gives guidelines on the following in their academic schedule, beginning of the academic sessions.• Last working day of the semester.• Midterm examination schedule.• End term theory and Practical

examination schedule. It provides plan for the academic year to students, teachers and parents. Considering the academic calendar, each department functions according to the teaching plan prepared at the department level. Academic calendar is prepared by Principal, Dean (Academics) in consultation with HoD(s) . In the beginning of the academic session the students are apprised of academic calendar and same is uploaded on college website and distributed to all departments and sections. Head of the department can incorporate minor changes in academic calendar which he may deem fit considering the unforeseen circumstances with prior permission of the principal. 1. The Schedule of All Examinations is given in academic calendar. 2. The course teachers plan the syllabus delivery and departments should conduct ISEs as per the academic calendar. 3. Assignments are submitted by students as per the dates given in academic Calendar. 4. All co-curricular and extracurricular activities such as International Conference, Milestone event, etc are mentioned in the academic calendar.

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://www.sscoetjalgaon.ac.in/

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
MBA	MBA	MBA	49	57	86
CL	BE	Civil	147	147	100
ME	BE	Mechanical Engg	145	145	100
IT	BE	Information Technology	57	57	100
CH	BE	Chemical	34	34	100
CM	BE	Computer Engg	143	142	99.3
BT	BE	Biotechnology	14	14	100
ETC	BE	Electronics & Telecommunication	75	75	100
EL	BE	Electrical Engg	75	74	99
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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)

No Data Entered/Not Applicable !!!

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
Students Research Projects (Other than compulsory by the University)	365	SSIEDC	28400	0

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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Entrepreneurship Awareness Camp	SSIEDC	07/03/2020

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
Development of e-portal / mobile app for marketing	Miss Harshali S. Tayade, Mr. Sumit A. Wani, Mr. Vaibhav I. Gavit, Mr. Sahil V. Chaudhari, Mr. Bagban MD Feeroz MD Yaqub, Mr. Hitesh A. Dharmadhikari	Smart India Hacathon 2019, Ministry of HRD Govt of India	03/03/2019	Development of e-portal / mobile app for marketing

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
01	Shram Sadhana Innovation and Entrepreneurship Cell	SSBT COET	Nill	Nill	Nill

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
No Data Entered/Not Applicable !!!		

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

Name of the Department	Number of PhD's Awarded
Chemical Engineering	1
Information Technology	1
Biotechnology	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	Information Technology	1	Nill
International	Mechanical Engg	5	Nill
International	Chemical Engg	1	Nill
International	Electronics Telecommunication	4	Nill

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

Department	Number of Publication
Biotechnology	4
Chemical Engg	4
Computer Engineering	8
Electrical Engineering	2
Mechanical Engg.	2

No file uploaded.

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
Machining of Aluminium Metal Matrix Composite: A Review	Ajay R Bhardwaj, Dr A M Vaidya, Dr. S P Shekhawat	Journal of Material Today: Proceedings	2020	Nill	Yes	Nill
Engineering Education System in Modern India: A Paradigm Shift	Dr. S P Shekhawat, Dr Mujahid Husain, Dr Saroj Patil	Journal of Engineering Education Transformation	2019	Nill	Yes	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
Nill	Nill	Nill	2020	Nill	Nill	Nill

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	27	161	1	14
Presented papers	32	Nill	Nill	Nill
Resource persons	1	5	1	3

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3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Swachch Bharat Abhiyaan	NSS Unit SSBTS COET Bambhori , Jalgaon	2	30

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

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
No Data Entered/Not Applicable !!!			
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
National Pollution Day	SSBT COET Bambhori	National Pollution Day	1	121
Clean Campus Activity	SSBT COET Bambhori	Clean Campus Activity	1	45
Tree Plantation	SSBT COET Bambhori	Tree Plantation	1	45
World Soil	SSBT COET	Celebration	1	64

Day	Bambhori	of World Soil Day		
Safety Riding Awareness Camp	Hero Honda and SSBT COET Bambhori	Safety Riding Awareness Camp	1	76
Unnat Bharat Abhiyan	IIT, Delhi	Village Survey, Plastic Free Village	1	10
Literature Summit	M J College, Jalgaon	Literature Summit	1	1
Essay competition	SSBT COET JAlgaon	Essay competition	2	18
Plastic free Campus	SSBT COET JAlgaon	Plastic free Campus	2	26
Yuva Sankalp Parishad	Ad. S A Baheti College,Jalgaon	Yuva Sankalp Parishad	1	6
[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
Project work	Recent Trends in Electrical Power System	National InfoTech Surat	16/09/2019	18/09/2019	49
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Krishi Vigyan Kendra, Durgapur, Badnera, Dist. Amravati.	19/07/2019	Staff and Student Training	Nill
National Jute Board under the	11/06/2019	Project	6

ministry of Textile Government of India			
Krishi Vigyan Kendra Durgapur Badnera, Dist. Amravati	19/07/2019	1. Product / Process development, patenting vendor development. 2.Quality Improvement Programs leading to research development of faculty / staff members 3.Collaborative Projects	2
Shri Shivaji Education Society's College of Engineering and Technology, Babhulgaon, Akola	01/08/2020	1.Dissemination of information in the thrust areas through seminars, workshops, specialized courses, invited talks etc. 2.Faculty exchange programs. 3.Up gradation of infrastructure knowledge / skills of faculty. 4.Generation of funds through indus	Nill
National InfoTech Surat	15/04/2019	Industrial Training , Visits, Faculty Development Programme, Guest Lectures	45
Prince of Songkla University, Thailand	01/08/2019	Objective to enhance quality of Education and Research, Interaction with students and faculty	Nill
7 Parallels Techno Consultants Pvt Ltd.	03/10/2019	Industrial Training, Visits,Faculty Development Programme,Guest Lectures.	20
Electrosoft System	01/01/2019	• Introduce recent trends to our students and faculties. • Conduct seminars and training	2

		session. • Help students in their Projects. • Share innovative ideas to students	
Mass-Tech Control Pvt. Ltd.	01/01/2019	• To aware student with new technologies • Conduct seminars and training session and introduce expert/ visitors of various field to our students • Industrial Visits • Sponsorship of final Year Projects. • Share RD activities, Innovation and ideas	2
Gokhale's Advanced Training Institute, Jalgaon	02/09/2019	To bridge the gap between the academia and industries and to conduct the workshops, student training programs in various areas like- Soft Skills, Stress Management, Employability skills assessment programme etc.	Nill

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
No Data Entered/Not Applicable !!!	

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Newly Added

Value of the equipment purchased during the year (rs. in lakhs)	Existing
Classrooms with Wi-Fi OR LAN	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
SOUL (Software for University Libraries) Develop by INFLIBNET, Ahmedabad	Partially	SOUL 2.0	2004

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	59351	19981136	522	244695	59873	20225831
Reference Books	4297	2609767	19	24063	4316	2633830
e-Books	200	227000	Nill	Nill	200	227000
Journals	9	2800	Nill	Nill	9	2800
e-Journals	1691	141182	Nill	Nill	1691	141182
CD & Video	1251	Nill	Nill	Nill	1251	Nill
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
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	920	26	100	0	1	1	0	100	0
Added	0	0	0	0	0	0	0	0	0
Total	920	26	100	0	1	1	0	100	0

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
No Data Entered/Not Applicable !!!			

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)

Separate infrastructure maintenance section is established. Regular maintenance work is carried out with the approval of college authorities. Appropriate budget was sanctioned for the same.
http://www.sscoetjalgaon.ac.in/Default.asp

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	**Shram Sadhana Scholarship Scheme**	**14**	**237750**
Financial Support from Other Sources			
a) National	**Nill**	**Nill**	**Nill**
b)International	**Nill**	**Nill**	**Nill**
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Remedial coaching	**26/08/2020**	**10**	**Biotechnology Dept**
Remedial coaching	**26/08/2019**	**22**	**Chemical Dept**
Workshop on Employability Skills Assessment	**31/01/2020**	**47**	**Gokhale's Advanced Training Institute, Jalgaon under MOU with MBA Dept, SSBT COET, Jalgaon**

Seminar on Value Based Leadership	01/02/2020	84	Gokhale's Advanced Training Institute, Jalgaon under MOU with MBA Dept, SSBT COET, Jalgaon
Fearless Spoken English	03/10/2019	18	Mech Engg Dept, SSBT's COET, Jalgaon

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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2020	Nill	Nill	Nill	Nill	Nill

No file uploaded.

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
No Data Entered/Not Applicable !!!		

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
No Data Entered/Not Applicable !!!					

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	1	SSBT's COET, Jalgaon, Maharashtra	Computer Engineering	Clemson University's Graduate School	M.S. Computer Science
2019	1	SSBT's College of Engineering Technology, Bambhori, Jalgaon	Biotechnology	Pune University, Pune	M.Tech Chemical and Biotechnology

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

Items	Number of students selected/ qualifying
GATE	5
No file uploaded.	

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

Activity	Level	Number of Participants
Singing 5	College	12
Poster 5	College	20
Best Out of Waste 5	College	25
Elocution Competition 5	College	10
Debate Competition 5	College	10
Signature Day 5	College	5
Sketching Competition 5	College	8
Rangoli Competition 5	College	8
Traditional Day 5	College	70
Group Day 5	College	201
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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	Nill	Nill	Nill	Nill	Nill	Nill
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Students are actively participate in various activities. They help in coordinating all the events related to academics and other cocurricular Extra-curricular activities, as per the directives of teaching faculty. We have student representation in the following committees: 1. Library committee 2. Cultural Committee 3. College Development Committee, 4. AntiRagging Committee 5. Sports Committee 6. Hostel Mess Committee, etc 2. Every department has an active student association consisting of student members. The association is monitored by senior faculty members who are responsible for the smooth conduct of the association meetings and events. Student members of the associations also observe important days like National Festivals, Birth/Death Anniversaries of important leaders, International Women's Day, International Yoga Day, Sports Day, Nonviolence Day, Teachers Day, Freshers Day, Farewell Party,etc. Responsibilities of Students associations are - 1. To inform students about any subject that concerns them. 2. To consult students on any issue of importance. 3. To organize educational and recreational activities for students. 4. To organize an activity to recognize the efforts of students involved in organizing college activities. 5. To propose activities to the departments that

would improve the quality teaching learning.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Shrama Sadhana Engineers Alumni Association (SEA) organized Alumni Meet 2019-20 on 15 September 2019, the auspicious day, of birth anniversary of Sir Mokshagundam Visvesvaraya (Engineers Day) at SSBT's College of Engineering Technology, Bambhori, Jalgaon (SSBT COET) with a motive to foster emotional bonds among present and past students. The objective of the meet was to promote sustained sense of belonging to the alma mater among the alumni, celebrate their success and achievements, and to provide and disseminate information regarding their alma mater. Invitation for the meet was sent to all alumni through email, phone, and also publicized through social media such as Facebook, Whatsapp, Website etc. The College regularly organizes Alumni meet. Suggestions from alumina are collected for the improvement of curriculum. Organized Alumni meet every year, Alumni – Student Interaction session and Expert lectures of eminent alumni members. The main objective of the Association is to work in close association with the college authorities for the overall development of the college.

5.4.2 – No. of enrolled Alumni:

1113

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

No Data Entered/Not Applicable !!!

5.4.4 – Meetings/activities organized by Alumni Association :

15 Sept 2019

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 college has a mechanism for delegating authority and providing operational autonomy to various functionaries to work towards a decentralized governance system. 1. The Governing Body delegates the academic and operational decisions to the College Development Committee (CDC) and administrative subcommittees/ heads in order to fulfil the vision and mission of the institute. Also formulate common working procedures and entrusts the implementation in all important matters pertaining to the day to day functioning as well as long run development of the institute with the faculty members and the nonteaching staff through CDC, The Principal, Director's and other committees. To make it effective and fruitful, academic and administrative responsibilities are shouldered on heads of departments. In IQAC meeting, the students are given opportunity to place their views. The institute promotes a culture of participative management by involving the staff and students in various activities. The principal, staff members and students are involved in defining the policies, framing guidelines and rules regulations pertaining to admission, placement, discipline, grievance, counselling, training development, and library services etc. For the proper functioning of the college and promotion of participative management, the college runs on a decentralized management operative process, wherein different committees have been formed so as to help the college authority in the governance of the college. Decentralization: Institute has a mechanism for delegating authority and providing operational

autonomy to all the various functionaries to work towards decentralized governance system. 1. Governing Body: The elite decision making body of the college is the Governing Body. Governing Body of the college discuss various issues and aspects related to the development of the college and its academic standards. It includes considering and approving the institution strategic plan which sets the academic aim and objectives of the institution and identifies the financial, physical and staffing strategies and so on. It chalks out a roadmap in order to achieve the goals of the institute. The Governing Body delegates all the academic and operational decisions based on policy to the different Committees headed by the Principal in order to fulfil the vision and mission of the institute. Faculty members are given representation in various committees/cells and allowed to conduct various programs to showcase their abilities. They are encouraged to develop leadership skills by being in charge of various academic, cocurricular, and extracurricular activities. They are given authority to conduct industrial tours and to have tie up with industry experts and appointed as coordinator and convener for organizing seminars/workshops/conferences/FDPs. The Principal of the institute is responsible for academic, nonacademic and administrative activities of the institution. On behalf of the institute, he interacts and corresponds with AICTE, PCI, Govt. of Maharashtra, UGC, Affiliating University, etc., The budget is earmarked for staff members and students to participate in various programmes organized by the institute. 2. College Development Committee: The Governing body delegates the academic, administrative and regular functional authority. It consists of teaching and non teaching members of the institute. The College Development Committee shall, (a) prepare an overall comprehensive development plan

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

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Admission of Students	1] The admissions of the students are followed as per rules and regulation provided by Admission Regulating authority of Maharashtra state. 2] Admission Committee works under the guidance of Chairman of Admission Committee (Principal) and Vice Chairman of Admission Committee, who finalize the frame work of internal admission process. It frames committee for the admission in the month of April / May of every year. The committee involves the Principal, Vice Principal, Management, H.O.D, Registrar and Teachers. 3] This Committee decides about internal admission process which includes Institute level admissions and Admission through various CAP rounds. 4] Committees from each department are framed to councils the students regarding their programs or course. 5] The Career Counselling to engineering aspirants are also done regarding different engineering programs. 6] The

	Institute build links with reputed Junior colleges in the Jalgaon District, from which we establish a link to conduct guidance and motivation sessions to engineering aspirants. It enhances their vision towards technical education. It also establishes the credibility of the Institute for undergraduate education destination.
Industry Interaction / Collaboration	The college is establishing MoUs with reputed core industries to enhance Industry Institute Interaction activities like industrial visits, hands on trainings, value added courses, guest lecturers etc., for the professional development of students and faculties.
Human Resource Management	For Human Resource Management the following procedure is followed. 1) The requirement of faculty is calculated. 2) The Advertisement is prepared. 3) The Advertisement is sent to the university for Approval. 4) The Approved Advertisement for recruitment of faculty is published in State Level Newspapers the applications are called. 5) The applications are scrutinized. 6) The subject experts are nominated by the university. 7) The date of interview is finalized. 8) Short listed applicants are intimated to attend the interview. 9) The committee of the university recommends the Selection of candidates to the university. 10) The order of appointment is issued to the selected candidates. 11) Joining Report of each candidate is signed by their respective HOD. 12) The approval letter is issued by university. 13) For immediate requirement the faculty are appointed at college level. The faculty is selected by following due procedure
Library, ICT and Physical Infrastructure / Instrumentation	1] Library is well equipped with reference books, textbooks, journals, periodicals and newspapers etc. 2] The Library book keeping operations are automated through SOUL Library Software. 3] The Library has subscription to NLIST by UGC INFLIBNET, through which teachers Research Students can access download many Eresources in respective subject. 4] Computers are connected with access to internet of 100 MBPS Bandwidth of leased line connection. 5] Classrooms are with LCD facilities wifi/LAN facilities.

Research and Development	The Research and Development Cell is established with an objective of promoting research by students and the faculty members. Faculty members are encouraged to organize, attend and present papers at state/national/international conferences and seminars. Faculty members and students are motivated to publish their research papers in reputed national and international journals / conferences. Shram Sadhana Research Promotion Scheme (SSRPS) was implemented to provide fund to faculty members. Faculty members submitted the projects in different schemes of AICTE, DST, KBCNMU, etc for funding.
Examination and Evaluation	Semester examinations are conducted and evaluated as per the norms of K. B. C. North Maharashtra University, Jalgaon. It includes Internal Sessional Examination (ISE), End Semester Examination (ESE) and Internal Continuous Assessment (ICA). TWO ISEs are conducted for the theory subjects by the institute and the ESE for theory and practical are conducted by the university. Third ISE is conducted bythe institute for theory subjects as an opportunity to students to improve their performance. Continuous evaluation assessment of students, known as ICA, in practical is done internally based on their performance in laboratory. In addition, ICA of project and seminar are by panel of senior faculty members of the department through presentation / demonstration.The Examinations for final year batch of 2019-20 was organised in online mode.
Teaching and Learning	Regular theoretical and practical classes are conducted by classical chalk talk system as well as ICT. ICT includes presentation slides using LCD projector in the theory and practical, MOODLE as Learning Management System, NPTEL videos, digital library, use of digital / social media for educational videos and knowledge sharing etc. As additional teaching and learning process, students are facilitated with guest lectures from industry experts and alumni, Industrial / field / site visits, participation in technical events and competitions etc. The learning process is further enriched by

	Departmental seminars, projects, quiz competitions etc. by each department. All the students are given internet facility and access for online journals and resources. Digital library section at the central library facilitates with internet access to DELNET, NPTEL and other online sources. Remedial classes are offered for slow learners. As an additional learning support to slow learners, extra classes are conducted time to time. Further, proper care is taken of each and every student through Teacher – Guardian Scheme. Special efforts are being made by the institute and departments to train students in soft skill and aptitude for better placements.
Curriculum Development	the Institute is affiliated to K. B. C. North Maharashtra University, Jalgaon and implements the curriculum developed by it, our institute has significant representation in Board of Studies of all engineering discipline as chairman or member. As chairman or member, our faculty members get involved in the process of curriculum development for the enrichment of the curriculum. As a leading institute in this region under K. B. C. North Maharashtra University, Jalgaon, all faculty members contribute towards framing detailed subjectwise syllabus.The syllabus of Engineering is prepared as per the guidelines of AICTE model curriculum and submitted to the University. The institute organized one day workshop for syllabus framing at Third Year and Final Year Engineering for faculty of all affiliated engineering colleges. Further, based on the curriculum gap identified through CO – PO mapping and industrial needs various add on courses are conducted by the respective departments for the students.

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

E-governace area	Details
Planning and Development	egovernance is well implemented in college. 1) All Administrative offices are computerized. 2) 100 Mbps Internet Leased Line is provided. 3) Attendance of Staff members is governed by Biometric machines. 4) On Leave requisition is provided. 5) Notices are forwarded through emails. 6) The

	university is having esuvidha portal. The following services are provided. a) Admission b) Eligibility c) ePayments d) Exam. form and Hall ticket generation. 7) Scholarship forms are filled through Govt. of Maharashtra's MahaDbt Portal.
Administration	The college is having Management Information System. There are following modules in MIS. a) Admission b) Pay rolls c) Finance d) Establishment
Finance and Accounts	1. Use of ERP software 2. Salary payment 3. Online payment through Net Banking PF, PT, government payments ,etc 4. Payment paid through NEFT and RTGS 5. UPI and Phone at Canteen and MESS 6. Gateway payment for students fees is in process
Student Admission and Support	1] Information about the courses, admission criteria, fee structure, extracurricular activities offered are published on College website. 2] The student admission support is provided by Admission regulating authority of Maharashtra. It provides interactive services to students and colleges through online admission process. Which includes online registration, Documents uploading , Document verification at FC , Allotment of course and college and finalization of admission. 3] ARA online admission portal also supports to upload institute level admission against vacant seats etc.
Examination	The Institute is affiliated to Kavayitry Bahinabai Chaudhari North Maharastra Universirty,Jalgaon and follows the syllabus and academic calendar of the university. Institute, as a centre, conducts university end semester theory practical examinations as per schedule published by the university. For internal assessment, along with continuous assessment institute conducts three internal sessional examinations per subject per semester as per the academic calendar prepared by institute. Universityimplements online question paper delivery system with all possible cyber security provisions. It was successfully implemented from last four years. Also the evaluation and assessment process of answer sheets is in onscreen digital mode it helps in effective assessments and reduces time

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	Dr. P. H. Zope Dr. P. V. Thakre	Workshop for Research Guides	Nill	1400

No file uploaded.

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	CNC Programming Operations	Nill	19/09/2019	21/09/2019	6	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
Online Short Term Training Program on Renewable Energy and Utilization	1	26/05/2020	30/05/2020	05
Online Short Term Training Program On "Effective Online Teaching-Learning Methods: Challenges, Preparation and Use of ICT Tools	1	18/05/2020	23/05/2020	05

Online Workshop on Sustainable Development in Chemical Processes"	1	21/05/2020	23/05/2020	03
FDP on Development and Impact of Recent Technologies and Innovation in Chemical Engineering	1	21/06/2020	25/06/2020	05
A Webinar on Intellectual Property Rights (IPR) for Intellects	1	20/06/2020	20/06/2020	01
National Level Entrepreneurship Conclave	1	30/05/2020	31/05/2020	01
Webinar on English for Academic Research Writing	1	16/06/2020	16/06/2020	01
One Week Online Short Term Training Program On Renewable Energy and Utilization	1	26/05/2020	30/05/2020	05
faculty development programme on Sophisticated Analytical Instruments : Principles and Applications to Chemical Material Science	1	21/07/2020	25/07/2020	05
online conference on Proficiency Improvement on Polymer Processing and Advanced Characterization Technique	1	01/07/2020	03/07/2020	03

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
91	36	112	13

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Gratuity, PF, Group Insurance, etc.	Gratuity, PF, Group Insurance, etc.	Government Scholarships, Institutional Scholarships, Earn and Learn, etc.

6.4 – Financial Management and Resource Mobilization

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

At the beginning of every financial year budget is obtained by account section from all departments, library, sports section, site engineer (civil) , site engineer (Electrical), etc. Estimated / proposed budget is put to the Principal for discussion and finalization of requirements with the head of departments and section heads. It is then put up in CDC for discussion and finalization or recommendation. After the recommendation of CDC, it is put up in GB for final approval. The process is completed by March 30 every year. Staff salary and allowances are given priority while preparing the institutional budget. The institute ensures this by making term deposit in bank. Administrative and maintenance expenses are at the next priority followed by expenses towards laboratory equipments, computers, networking, consumables, training and placement, library, workshop, conferences, etc. Finance and Purchase committee monitor effective use of available financial resources based on provisions of the sanctioned budget. Also external audit was conducted in every 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
No Data Entered/Not Applicable !!!		
No file uploaded.		

6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

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	KBC NMU Jalgaon	Yes	College
Administrative	No	Nill	No	Nill

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

1. Parent Meet: 26th February, 2017 10:00 am at Open Air Theatre. 137 Parent Attended 2. Parent Meet: 25th February., 2018 10:00 am at Open Air Theatre. 132 Parent Attended 3. Parent meet: 01 March 2020 10.30AM at Open Theatre, 139 parents attended

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

No Data Entered/Not Applicable !!!

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

1. Induction program (21 days) for first year students 2. Implementation of New curriculum as per AICTE guidelines which includes Internships/ Professional and Open Electives. 3. Use of MOOCS and ICT 4. Audit courses for students

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
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
2020	Industry Institute Symposium on Software Development	25/01/2020	25/01/2020	25/01/2020	Nill

No file uploaded.

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
Seminar -Personality Development	11/10/2019	11/10/2019	120	Nill
Beti Bacho Beti Padho Awareness about women empowerment	15/01/2020	15/01/2020	100	Nill
Swachhata Pakhwada	16/01/2020	31/01/2020	9	Nill
Seminar – Women Leadership	05/03/2020	05/03/2020	110	Nill
Girls	11/03/2020	11/03/2020	50	Nill

Personality Development Workshop -Yuvati Sabha					

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
College had installed 195 kWp PV Solar On grid Rooftop power plant. The average power generation of PV Solar plant is 800 units per day. The PV Solar plant fulfill 40 of total requirement of electrical energy.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nill
Provision for lift	Yes	Nill
Ramp/Rails	Yes	Nill
Rest Rooms	Yes	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	Nill	Nill	Nill	Nill	Nill
No file uploaded.							

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

Title	Date of publication	Follow up(max 100 words)
Handbook on Code of Conduct	09/12/2019	Our institute strives to instill human values and professional ethics in the minds of students, teaching and nonteaching staff,governing body members abide by the code of conduct specified by the institute.The codes shall apply to all sorts conduct of students and staff members within the college premises and their offcampus mannerisms which may have serious consequences or adverse impact on the institutions interest or reputation.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants

No Data Entered/Not Applicable !!!
[View File](#)

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

> 1. Plastic Free Campus Initiative 2. Cleanliness Drive 3. Nature club 4. Reuse of Waste water 5. Installation of Rooftop on grid Solar Plant

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

> Some of the best practices successfully implemented by the institute are as follows. MOODLE as Learning Management System In accordance with trends in eLearning, the institute has setup Modular Object Oriented Dynamic Learning Environment (MOODLE) as Learning Management System (LMS). LMS helps the faculty members deliver learning materials online to the students. It facilitates the students for selflearning and as well for slow learners. Digital Library In order to make information more available, the institute has setup Digital Library as digital repository of project reports and research publications. The Digital Library opens new learning opportunities for the students and staff in their area of interest, irrespective of their branch or discipline. Shram Sadhana Research Promotion Scheme (SSRPS) To promote research, the institute has started Shram Sadhana Research Promotion Scheme (SSRPS) through which funds are provided to the faculty members for their innovative research projects. Under the scheme, the institute provides all sorts of facilities and support including motivation to the researchers for smooth progress and implementation of research projects. Shram Sadhana Scholarship Scheme (SSSS) Though the institute is selffinanced, it offers fee relaxation and scholarship to students under the scheme Shram Sadhana Scholarship Scheme. The scheme empowers the students coming from socioeconomically weaker sections of the society. Shram Sadhana Innovation and Entrepreneurship Development Center (SSIEDC) To facilitate entrepreneurship qualities and research culture among the students, the institute has setup Shram Sadhana Innovation and Entrepreneurship Development Center (SSIEDC). Under SSIEDC the institute provides financial assistance to five innovative students' projects every year. The institute organizes Entrepreneurship Awareness Camps under SSIEDC for students. The objective of the same is to create awareness among students about various facets of entrepreneurship as an alternative career option. Addon Courses To bridge the curriculum gap as per the requirement of industry, addon courses are organized for the students in every semester. These value added courses which supplement the primary course that students pursue are based on job oriented, skill development etc.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
http://www.sscoetjalgaon.ac.in/activities

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

> Institutional Distinctiveness Shram Sadhana Bombay Trust is established in the year 1972, under the guidance of founder chairperson, Smt. Pratibha Devisingh Patil, the former President of India. The trust has a vision to impart education in sectors like engineering, technology and management. In line with this vision, Shram Sadhana Bombay Trust's College of Engineering and Technology is established in 1983 by Her Eminence Smt Pratibha Devisingh Patil, with a prime vision of imparting quality education to the engineering aspirants of

this region and contributing to societal development. Since the economy of the region is predominantly agricultural and industrially it is a backward region, that mandate socioeconomic change. The institute plays an important role in this region for overall societal development through quality education. The aim is to impart the best of the knowledge and technical knowhow, to inculcate the desire and ability to learn, lead and excel to make responsible and respected citizens. The institute has finest environment for learning with 25 acres of lush green campus, beautifully crafted buildings, IT enabled campus, well equipped laboratories, qualified best faculties, resourceful library, Hostel that makes home away from home, vast playground, hitech gymkhana etc. as distinctiveness in this region. As distinctiveness in the teaching learning, remedial classes, additional learning support for slow learners, Teacher Guardian Scheme (TGS) etc contribute towards quality education. In addition to teaching learning, the institute gives due importance to co - curricular and extra - curricular activities for the inclusive development of students to enable them socially and economically sustainable. As a result of such distinctiveness, the institute continues to be the first choice of the engineering aspirants in this region. And it has been always a great feeling to see our alumni succeeding in their professional lives with their excellent achievements not only in India but also abroad. With the belief of academic and technical excellence, Institution stimulates and support students to participate in various rural developmental activities. The rural area where a higher education institution of this magnitude can contribute greatly towards local development and promotion of the rural public. The college has at all times shown willingness to adopt new dealings for the enrichment of values among faculty members and students in order to make them better citizens.

Provide the weblink of the institution
http://www.sscoetjalgaon.ac.in/

8.Future Plans of Actions for Next Academic Year

1. To increase the ICT enabled teaching atmosphere to increase the e-content development facility by teacher in the various platform of MOOCs other online platforms. 2. To enhance solar rooftop capacity. 3. Usage of e-Resources in all the academic departments. 4. Conducting activities to hone the creative skills of students and provide a platform to display their creativity 5. The institution plans to focus more on research and Development in the next Academic year by increasing the publications of faculty and also motivating students community to write research papers. 6. To Conduct student focused academic and skills development activities 7. Participation of Faculty member in training programs of modern technologies such as AI, Machine learning, Design Thinking, Electrical Vehicles, Augmented reality, robotics, etc.