



## YEARLY STATUS REPORT - 2022-2023

### 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.G.K.Patnaik**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**

- Phone no./Alternate phone no. **02572258393**
- Mobile no **9423774254**
- Registered e-mail **sscoetjal@gmail.com**
- Alternate e-mail **iqac@sscoetjalgaon.ac.in**
- Address **NH-6, Post Box No.94**
- City/Town **Bambhori, Jalgaon**
- State/UT **Maharashtra**
- Pin Code **425001**

##### 2. Institutional status

- Affiliated /Constituent **Affiliated**
- Type of Institution **Co-education**
  
- Location **Rural**

- Financial Status **Self-financing**
- Name of the Affiliating University **Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon**
- Name of the IQAC Coordinator **Dr. S.A. Thakur**
- Phone No. **02572258393**
- Alternate phone No. **9421891390**
- Mobile **9421891390**
- IQAC e-mail address **iqac@sscoetjalgaon.ac.in**
- Alternate Email address **sscoetjal@gmail.com**

**3. Website address (Web link of the AQAR (Previous Academic Year))** <https://sscoetjalgaon.ac.in/aqar/>

**4. Whether Academic Calendar prepared during the year?** **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: <https://sscoetjalgaon.ac.in/public/pdfs/academic-calendar/2022-23.pdf>

### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>B++</b>	<b>2.91</b>	<b>2016</b>	<b>16/09/2016</b>	<b>15/09/2021</b>
<b>Cycle 2</b>	<b>A</b>	<b>3.14</b>	<b>2022</b>	<b>06/09/2022</b>	<b>05/09/2027</b>

**6. Date of Establishment of IQAC** **23/04/2013**

**7. Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,**

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>

**8. Whether composition of IQAC as per latest NAAC guidelines** **Yes**

- Upload latest notification of formation of IQAC [View File](#)

**9.No. of IQAC meetings held during the year**      **2**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?      **Yes**
- If No, please upload the minutes of the meeting(s) and Action Taken Report      No File Uploaded

**10.Whether IQAC received funding from any of the funding agency to support its activities during the year?**      **No**

- If yes, mention the amount

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

1. Establishment of International Relations Cell
2. Establishment of Institutional Social Responsibility Cell
- 3.Student Enrolment on Academic Bank of credits
- 4.Quality initiatives by IQAC for Academic Year 2022 - 23
5. Capacity building program for faculty and staff

**12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year**

Plan of Action	Achievements/Outcomes
<p>Establishment of International Relations Cell</p>	<p>International Relations Cell connected renowned professionals / educationist as mentors for sharing Knowledge in different programs, organized Personal Branding Program for Students with Richard George Foundation held on 08th May, 2023.</p>
<p>Establishment of Institutional Social Responsibility Cell</p>	<p>With the aim of reaching various segments of the society for technological and societal development, Institutional Social Responsibility Cell organized Lecture On</p>
<p>Capacity building program for faculty and staff</p>	<p>Capacity building program for faculty was organized during 17Jan.to 4 Feb. 2023 and for staff during 13-27, Feb. 2023 for developing skills and abilities required to survive, adapt and succeed in the changing world.</p>
<p>Organization of various activities related to IPR, innovation and start up for spreading awareness and identifying opportunities for patents, copyrights, trademark, etc.</p>	<p>IPR Awareness Program was organized on 25 Jan.2023 for spreading awareness about patents and filing patent applications.</p>
<p>Enhancing employability of Students by arranging various activities and programs.</p>	<p>Various Training programs, Add on Courses, Entrepreneurs and Guest Lectures etc. were organized for Skill enhancement of students.</p>
<p>Boosting Industry Institute Interaction by industry Visit, Industrial Projects etc.</p>	<p>Industry Expert Lectures, Industrial Visits were arranged for students to understand the industrial practices adopted by various industries.</p>

13. Whether the AQAR was placed before Yes

**statutory body?**

- Name of the statutory body

Name	Date of meeting(s)
Governing Body	24/04/2024

**14. Whether institutional data submitted to AISHE**

**Part A**

**Data of the Institution**

<b>1.Name of the Institution</b>	SHRAM SADHANA BOMBAY TRUST'S COLLEGE OF ENGINEERING AND TECHNOLOGY
• Name of the Head of the institution	Dr.G.K.Patnaik
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02572258393
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<b>2.Institutional status</b>	
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• Type of Institution	Co-education
• Location	Rural
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• Name of the Affiliating University	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

• Name of the IQAC Coordinator	Dr . S . A . Thakur				
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• IQAC e-mail address	iqac@sscoetjalgaon.ac.in				
• Alternate Email address	sscoetjal@gmail.com				
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="https://sscoetjalgaon.ac.in/agar/">https://sscoetjalgaon.ac.in/agar/</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://sscoetjalgaon.ac.in/public/pdfs/academic-calendar/2022-23.pdf">https://sscoetjalgaon.ac.in/public/pdfs/academic-calendar/2022-23.pdf</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	2.91	2016	16/09/2016	15/09/2021
Cycle 2	A	3.14	2022	06/09/2022	05/09/2027
<b>6.Date of Establishment of IQAC</b>			23/04/2013		
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
Nil	Nil	Nil	Nil	Nil	
<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>			Yes		
• Upload latest notification of formation of IQAC			<a href="#">View File</a>		

<b>9.No. of IQAC meetings held during the year</b>	<b>2</b>	
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	<b>Yes</b>	
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded	
<b>10.Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	<b>No</b>	
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>		
<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
1. Establishment of International Relations Cell		
2. Establishment of Institutional Social Responsibility Cell		
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4.Quality initiatives by IQAC for Academic Year 2022 - 23		
5. Capacity building program for faculty and staff		
<b>12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year</b>		



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<p>Boosting Industry Institute Interaction by industry Visit, Industrial Projects etc.</p>	<p>Industry Expert Lectures, Industrial Visits were arranged for students to understand the industrial practices adopted by various industries.</p>

<b>13. Whether the AQAR was placed before statutory body?</b>	<b>Yes</b>
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• Name of the statutory body

Name	Date of meeting(s)
Governing Body	24/04/2024

**14. Whether institutional data submitted to AISHE**

Year	Date of Submission
2022-23	31/01/2024

**15. Multidisciplinary / interdisciplinary**

Curriculum delivery by the institute is as per the guidelines provided by the Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon. The students have choice to FOUR Open Elective Courses for the development of multidisciplinary/interdisciplinary approach. As part of programme curriculum, topics related to professional ethics are included in the syllabus like Organizational Behavior, Project Management, Industrial Organization & Management etc., instils multidisciplinary approach and experiential learning through industrial visit, and participative learning through expert lectures also imbibes professional ethics. Environmental Studies is a part of curriculum as prescribed by the University helps to create awareness about the Ecosystem, Natural Resource Conservation, Waste Management and Pollution. Entrepreneurship development Programs and Technical & Professional skill improvement through student participation in technical competitions fosters multi-disciplinary approach & mutual understanding. The Departmental Student Associations e.g. Energy Club, Nature's Club, Robo Club, Student Chapter of Indian Society for Technical Education, Indian Society of Heating, Refrigerating and Air Conditioning Engineers and Solar Energy Society of India regularly arrange Guest, Alumni, and Industry Professional Lectures and Workshops gives insight for Multidisciplinary Approach. The Technical & Professional skill improvement through student participation in technical competitions like DIPEX, HACKATHON, and Research environment exposure through students Project inculcates mutual understanding

& integrative approach.

#### 16. Academic bank of credits (ABC):

Institute's Vision and Mission illustrates commitment towards global societal development which also is similar to aim "ensure inclusive and equitable quality education and promote lifelong learning opportunities for all" of National education Policy 2020. As per the directives of affiliating Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, for effective implementation of NEP 2020 for establishing "credit transfer" mechanism by registration of students on Academic bank of credits (ABC), Institute has registered students in Academic bank of credits (ABC).

#### 17. Skill development:

Overall, Efforts taken by the institute to enhance Value and Skill by participation of our students at National Level Hackathons as well as in events like ROBOCON, BATASAE, DIPEX, Project Exhibition, etc. The improvement of Communication and Presentation skills among students through various activities such as celebrating Independence Day, Republic Day, Gandhi Jayanti, Teacher's Day, Voters Awareness Day, International Yoga Day, World Environment Day, Youth Day, Traditional day etc. also imbibe human values among students. The institute takes initiatives for skill development of students by arranging programs such as soft skills, Language and communication skills, Life skills (Yoga, physical fitness, health and hygiene), ICT/computing skills etc. which provides an environment to transform into skilful human resource. Audit Courses, Professional Electives, Open Electives, Skill Enhancement Activities on recent trends and contemporary issues are offered for personal improvement and professional enrichment among students. The Institute invites Industry experts and corporate managers to imbibe students about technological advancement and industry culture. The Technical & Professional skill improvement through student participation in technical competitions inculcates mutual understanding & multi-disciplinary approach. Skill Enhancement Training Programme, Career Oriented Certificate Courses with an objective of overall development of students develops skill sets and makes students employable. Skill enhancement training programs on IOT, Python for Data Science, Spoken English, Introduction to MATLAB and its application, Fearless Spoken English, Personality Development, and Introduction to AUTOCAD etc. are also arranged to improve student's skill sets and performance level. Social work helps

students to understand the need of humans and human kind. The institute organizes various activities under Swatchatta Abhiyan, Unnat Bharat Abhiyan, Digital India Mission, NSS, Nature Club, Energy Club etc. helps in development of interpersonal skill, communication skill and social empathy. An entrepreneurial characteristic along with technical knowledge is developed by arranging Entrepreneurship Awareness Camps, Entrepreneurship Development Programmes, Faculty Development Programmes and Skill Development Programmes in the institution. The well-equipped Language Lab allows the students to practice language exercises for enhancing their communication skills with a variety of activities. Beyond classroom and curriculum delivery the learning and development of the students is promoted through internships, study tours, field projects, sports, trade fair, and outreach activities. Training and Hands-on sessions by the alumni to the students which are regularly arranged in every department that help students to identify their career path by enhancing the required aptitude in their respective domain.

**18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)**

The institute is very keen on imbibing universal values among students and is committed to justify the objectives envisaged in the Vision and Mission by way of creating, executing and disseminating the knowledge in the area of Engineering and Management. The Institute sensitises students and employees to the constitutional obligations, fundamental rights and responsibilities of citizens by organising various National festivals, also celebrates / organizes national and international commemorative days and events in order to keep students and faculty aware about values, history, tradition and culture of the country. Institute preserves National culture, heritage and promote student participation in various National Days, Events Celebration & encourage students to participate in extracurricular activities imparting positive behaviour and team work leading sense of belonging among them. The students are inspired by conducting various programs based on culture, traditions, values, duties and responsibilities by inviting outside people. For intellectual, mental, physical and spiritual development of the students and staff, the institute conducts yoga, dance and music classes. The institute curriculum is framed with the inclusion of mandatory courses like Constitution of India, Essence of Indian Traditional Knowledge. Ethical Values, rights, duties and responsibilities of citizens are some of the topics that are enlisted in Elocution, Debates.

NSS activities of our institution designed considering Philanthropic initiatives that include donation of time or resources to government, charities and organizations at local, national levels to help victims during natural disasters. In keeping with the Mission and Vision of the institute, that aims to inculcate values and nationalism amongst the students by celebrating the national/state festivals and birth anniversaries of great Indian personalities in the institute every year. The celebration of all the days, Enhances students' sensitivities towards traditions and legacies and provides them a platform to learn different skills makes them responsible citizens as they learn a few things about their duties and rights. The institute has an open air-auditorium of 1944 sq.m. area with good landscaping and ample seating capacity. Every year the institute organizes annual social gathering "Vasant Utsav" for the students in this open air auditorium. Students avail this opportunity to explore their talent in Singing, Dancing, Drama, Fashion Show etc. Institute provides all facilities for Indoor and Outdoor Sports, Events/ Competitions, and students of the Institute actively participate & are excelling at University & National Level Sports Events.

**19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):**

The institute is very much keen on the learning outcomes which are specifications of what a student should be capable of doing on successful completion of a course and/or a programme. The institute is affiliated to KBC NMU, Jalgaon and follows the syllabus of the university. All courses in the syllabus of the curriculum have well defined Course Outcomes. In aligned with the same the Institute has clearly stated Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs). Each CO is mapped to PO and PSO in terms of their correlation. The tools used for the assessment of POs & PSOs involve CO attainment through University results. In every semester, CO attainment is evaluated based on the University results. The syllabus has University Assessment, known as End Semester Examination (ESE) for theory and practical, and College Assessment, known as Internal Continuous Assessment (ICA) for practical and Internal Sessional Examination (ISE) for theory contributes 60% and 40% respectively towards the attainment of CO for each subject (Theory and Practical). For each subject, the CO attainment level based on the percentage of students scoring more than University average mark in the ESE and percentage of students scoring more than college average marks in the ISE / ICA respectively.

**20.Distance education/online education:**

Information and Communication Technology (ICT) has been an integral part of teaching-learning process in the institute. The institute has made conscious efforts to invest in hardware and to orient the faculty suitably to enrich the learning experiences of students. MOODLE - Learning Management System, Digital Library, ebooks / e-journals, NPTEL Videos, Language Lab etc. are used for effective teaching -learning process along with, classrooms and seminar halls with ICT-enabled facilities. All faculty members have undergone training on Live Classroom Teaching Platforms & Tools, video editing, conducting online Internal Sessional Examination (ISE), MOODLE - Learning Management System etc. Faculty members have recorded theory lectures and laboratory sessions / experiments using appropriate hardware & software, the recorded videos are shared among students through various online platforms & social media. Students are encouraged to join various online SWAYAM, NPTEL Courses. Library with online resources and other infrastructure requirements are provided for the smooth conduct of the curricular and co-curricular activities.

### Extended Profile

#### 1.Programme

1.1	589
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

#### 2.Student

2.1	506
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.2	335
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	<a href="#">View File</a>
2.3	606
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>3.Academic</b>	
3.1	101
Number of full time teachers during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
3.2	109
Number of sanctioned posts during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>4.Institution</b>	
4.1	46
Total number of Classrooms and Seminar halls	
4.2	778.26
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	463
Total number of computers on campus for academic purposes	
<b>Part B</b>	
<b>CURRICULAR ASPECTS</b>	
<b>1.1 - Curricular Planning and Implementation</b>	
1.1.1 - The Institution ensures effective curriculum delivery through a well planned and	

documented process

Curriculum delivery by the institute is as per the guidelines provided by the Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon. Based on the guidelines of the University the institute prepares academic calendar to accomplish the mission and vision. The academic calendar explores resource potentials, executes institutional objectives and imparts quality education towards students' development.

Institute ensures that the academic calendar is well planned in consultation with all concerned for effective execution. Academic Calendar includes schedule for student registration, internal sessional examinations, co-curricular activities and extra-curricular activities etc. The departments adhere to the institute calendar and prepare departmental academic calendar to accomplish Programme Specific Outcomes. The academic calendar is disseminated to all concerned.

Before the start of every semester, faculty members are assigned courses based on their specialization, interest and competency through consultation at the department and accordingly the department prepares timetable. All faculty members prepare / update lesson plan, lecture notes, Lab manuals, model answers and other resource materials. During pandemic such materials were made available to students online.

Periodic review in the meeting of HODs with Principal helps in effective curriculum delivery. Further, students' feedback fine tunes to fulfil the academic need of students. Identification of slow learners and advanced learners also helps to cater the need. These are the regular practices of the institute and adapted in the curriculum in well planned manner.

As part of curriculum the students are required to undergo internship during vacations. The institute encourages students for internships by acting as liaison.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous



Internal Evaluation (CIE)

An academic calendar of the institute in line with the University's calendar is prepared and uploaded on institute website, displayed on notice boards and is communicated to teachers and students.

All the classes and examinations are planned as per the calendar ensuring complete adherence. Time table as per academic calendar and university curriculum for the number of credit hours for each subject prior to the start of the semester is prepared and displayed on notice boards.

After the allocation of subjects course file of each subject is prepared consisting of lesson plan, assignments, old question papers, sample solutions of university question papers, lecture notes, etc by the concerned faculty, approved by the Head of the Department (HOD).

Each HOD maintains a monitoring report on course coverage, student attendance and assignment provided for every subject. Remedial classes are conducted for weak students in mathematical/conceptual subjects.

At the mid of academic session students submit their feedback for each subject through online/offline feedback forms maintaining complete anonymity.

Internal Sessional Examinations (ISE) is conducted as mentioned in the academic calendar. The question papers of ISE are prepared, evaluated and shown to students by concerned faculty member ensuring transparency.

During pandemic every teacher has conducted tests consisting of MCQs. Every student submits term work in the form of journal on the designated date as per academic calendar.

In case of unseen conditions, the institute academic calendar is modified and revised as per the instructions of Principal of the Institute.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://sscoetjalgaon.ac.in/public/pdfs/academic-calendar/2022-23.pdf">https://sscoetjalgaon.ac.in/public/pdfs/academic-calendar/2022-23.pdf</a>

<p><b>1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University</b></p>	<p><b>B. Any 3 of the above</b></p>
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File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.2 - Academic Flexibility**

**1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented**

**1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented**

**8**

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

**1.2.2 - Number of Add on /Certificate programs offered during the year**

**1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)**

8

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

**1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year**

520

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

**1.3 - Curriculum Enrichment**

**1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum**

The institute has been working for the development of the students through the following parameters: -

1. Professional Ethics: - Being an engineering institute, inherently students acquire professional ethics through the institute environment and culture. As part of programme curriculum, topics related to professional ethics are included in the syllabus like Organizational Behavior, Project Management etc. Experiential learning through industrial visit and participative learning through expert lectures also imbibes professional ethics.

2. Gender Equality: -The "Women Grievance Redressal Committee" organizes various activities such as women rights and security, Women Empowerment, health and hygiene, social awareness, usage of social media etc and "Anti Ragging Committee" ensures ragging free

environment. Meetings of the committee members are conducted regularly.

3. Human Values: - The institute is very keen on imbibing human values among students through various activities such as celebrating Independence Day, Republic Day, Gandhi Jayanti, Teacher`s Day, Voters Awareness Day, International Yoga Day, World Environment Day, Youth Day, Traditional day etc.

4. Environmental and Sustainability: - Environmental Studies is a part of curriculum as prescribed by the University helps to create awareness about the Ecosystem, Natural Resource Conservation, Waste Management and Pollution. This curriculum is supported by field visit. The institute organizes Tree Plantation Program, Cleanliness Program and special lectures to aware everyone about importance of environment and sustainability issues. Rainwater Harvesting, waste water recycling, usage of solar energy, illumination through LED etc. at the institute creates awareness and consciousness among staff and students.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

**1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year**

9

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 1.3.3 - Number of students undertaking project work/field work/ internships

100

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

### 1.4 - Feedback System

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni**

A. All of the above

File Description	Documents
URL for stakeholder feedback report	<a href="https://sscoetjalgaon.ac.in/naac/">https://sscoetjalgaon.ac.in/naac/</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.4.2 - Feedback process of the Institution may be classified as follows**

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://sscoetjalgaon.ac.in/naac/">https://sscoetjalgaon.ac.in/naac/</a>

**TEACHING-LEARNING AND EVALUATION**

**2.1 - Student Enrollment and Profile**

**2.1.1 - Enrolment Number Number of students admitted during the year**

**2.1.1.1 - Number of students admitted during the year**

506

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)**

**2.1.2.1 - Number of actual students admitted from the reserved categories during the year**

429

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

**2.2 - Catering to Student Diversity**

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The institute conducts the assessment of learning levels for the

students based on their performance in the previous examination. For newly admitted first year engineering students performance in 12th class is considered and for second year engineering, performance in diploma is considered. For newly admitted students at the first year MBA & MCA, performance in graduation is considered and thereafter the assessment is based on the performance in the previous semester University Examination.

#### Learners

F.E.,MBA-I & MCA-I

S.E.,T.E., B.E.,MBA-II

#### Advanced

Students securing Percentage in 12th class board examination and diploma board examination

more than 60% marks

Students securing SGPA in the previous semester university examination

more than 7.0

#### Slow

less than 53% marks

less than 4.0

The institution organizes Induction program for three weeks as per the university curriculum for the newly admitted students.

#### Outline of activities

##### For Advanced Learners:

- Expert lectures by Industry Persons & Alumni
- Training on Recent Technologies / Software
- Special Guidance for Competitive Examinations like GATE
- Workshop on Entrepreneurship Development
- Technical events like Paper Presentation, Project Competition etc.

- Shram Sadhana Innovation and Entrepreneurship Development Centre (SSIEDC) scheme
- Online Courses on SWAYAM, NPTEL etc.

**For Slow Learners:**

- Additional Learning Support
- Peer Learning
- Video Lectures
- Add on Courses

File Description	Documents
Paste link for additional information	<a href="https://sscoetjalgaon.ac.in/public/AQAR2022-23/Criteria_2/2.2.1/">https://sscoetjalgaon.ac.in/public/AQAR2022-23/Criteria_2/2.2.1/</a>
Upload any additional information	<a href="#">View File</a>

**2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)**

Number of Students	Number of Teachers
2112	95

File Description	Documents
Any additional information	<a href="#">View File</a>

**2.3 - Teaching- Learning Process**

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

The institute is affiliated to K.B.C. North Maharashtra University, Jalgaon (M.S.) and follows the syllabus of the university. The University has made provision in structure of all programmes to give students experiential and participative learning experience.

Instead of teacher-centric conventional teaching methods, the institution strongly believes that student-centric learning methods enhance the lifelong learning skills of students. Hence the institute has adopted the below-mentioned student-centric methods.

**Experiential learning methodology:**



- Laboratory practical sessions
- Field work
- Internship
- Project Development
- Industry Visits / Site Visits
- Case Studies
- Training & Workshop

Participative learning methodology:

- Paper Presentation / Project Competitions
- Group Discussion
- Industrial Visits
- Co-curricular / Extra Curricular Activities
- Student Chapter / Club Activities
- NSS & Extension Activities

Problem solving methodology:

- Quiz
- Peer group Teaching
- Special Assignments

The institution has taken significant efforts to explore flipped classrooms with ICT tools and e-resources, such as MOODLE - Learning Management System, NPTEL videos, Digital library, e-books / e-journals, etc that add to student-centric methods.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<p><a href="#">The institute is affiliated to K.B.C. North Maharashtra University, Jalgaon (M.S.) and follows the syllabus of the university. The University has made provision in structure of all programmes to give students experiential and participative learning experience. Instead of teacher-centric conventional teaching methods, the institution strongly believes that student-centric learning methods enhance the lifelong learning skills of students. Hence the institute has adopted the below-mentioned student-centric methods. Experiential learning methodology: • Laboratory practical sessions • Field work • Internship • Project Development • Industry Visits / Site Visits • Case Studies • Training &amp; Workshop Participative learning methodology: • Paper Presentation / Project Competitions • Group Discussion • Industrial Visits • Co-curricular / Extra Curricular Activities • Student Chapter / Club Activities • NSS &amp; Extension Activities Problem solving methodology: • Quiz • Peer group Teaching • Special Assignments The institution has taken significant efforts to explore flipped classrooms with ICT tools and e-resources, such as MOODLE - Learning Management System, NPTEL videos, Digital library, e-books / e-journals, etc that add to student-centric methods.</a></p>

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

**The institute has made conscious efforts to invest in hardware and to orient the faculty suitably to enrich the learning experiences of students.**

The institute has put in place the electronic data management systems and electronic resources and their access to internal and external stakeholders particularly the student community. It includes 200 Mbps Internet lease line, ERP system, MOODLE - Learning Management System, Digital Library, e-books / e-journals, NPTEL Videos, Language Lab etc.

For effective teaching -learning process, total number of classrooms and seminar halls with ICT-enabled facilities in the institute are 41, out of which 10 rooms are with wall-mounted Interactive LCD Projectors and Duplex Projection Screen, and the remaining are with LCD Projectors and interactive flat panel display

The institute has made all possible efforts to train faculty members on usage of ICT in teaching-learning process. All faculty members have undergone training on Live Classroom Teaching Platforms & Tools, video editing, MOODLE - Learning Management System etc.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View File</a>

### 2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year )

#### 2.3.3.1 - Number of mentors

95

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

**2.4.1 - Number of full time teachers against sanctioned posts during the year**

101

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

**2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)**

**2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year**

27

File Description	Documents
Any additional information	<a href="#">View File</a>
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	<a href="#">View File</a>

**2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)**

**2.4.3.1 - Total experience of full-time teachers**

11.4

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

**2.5 - Evaluation Process and Reforms**

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The institute is affiliated to K.B.C. North Maharashtra University, Jalgaon (M.S.) and follows the syllabus of the university. The internal assessment of students includes Internal Sessional Examination (ISE) for theory subjects and Internal Continuous Assessment (ICA) for practical & project.

In each term, Three ISEs, each of 20 marks, are conducted as per the academic calendar, and best TWO is considered as ISE marks in the respective subject.

Evaluation of ICA for practical is on the basis of Attendance (A), Performance (P), Journal (J), and Viva (V). The assessment of ICA for Project is as per guidelines given in the syllabus that includes students' performance, active participation, knowledge / skill acquired throughout semester and presentation by the students.

As a part of transparency, the evaluated ISE answer papers, grades of ICA and marks of ISE are notified to the students by displaying on notice board and through WhatsApp.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://sscoetjalgaon.ac.in/public/AOAR2022-23/Criteria_2/2.5.1/">https://sscoetjalgaon.ac.in/public/AOAR2022-23/Criteria_2/2.5.1/</a>

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

As an affiliating institute, the institute follows syllabus and curriculum of K.B.C. North Maharashtra University, Jalgaon (M.S.). As part syllabus, the internal assessment of students includes Internal Sessional Examination (ISE) for theory subjects and Internal Continuous Assessment (ICA) for practical & project.

Grievance regarding the internal assessment is taken care of by the respective Departments. As per internal examination grievance policy of the institute, the students can meet subject teacher / Mentor / HoD for clarification within FOUR days of publication on the concerned department notice board for grievance related to the internal assessment.

## Internal Examination Grievances Process

- ISE schedule is prepared as per institute academic calendar
- Display of ISE schedule on Notice board and through WhatsApp
- Concerned subject teacher will prepare question paper /multiple choice questions
- Conduction of ISE
- Evaluation of answer script
- Answer scripts are shown to students for self-assessment
- Discrepancy in evaluation/totalling of marks/ aggregation of marks
- Problem resolved by concerned faculty/ HOD
- Final marks are displayed on notice board and through WhatsApp

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://sscoetjalgaon.ac.in/public/AOAR2022-23/Criteria_2/2.5.2/">https://sscoetjalgaon.ac.in/public/AOAR2022-23/Criteria_2/2.5.2/</a>

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

The following mechanism is followed by the institute to communicate/disseminate outcomes to the teachers and students.

- Vision-Mission, Program Educational Objectives (PEOs), POs, PSOs of the Programmes offered by the institute are uploaded in the institute website (<https://sscoetjalgaon.ac.in/>) and also displayed at the prominent locations.
- The syllabus of all programmes is made available on the institute website which includes the COs of various courses of the curriculum.
- COs of theory subjects are made aware to the students by the concerned faculty member at the beginning of every semester.
- POs, PSOs and COs of lab course are made aware to the students and also provided in the lab manuals by the concerned faculty member at the beginning of every semester.
- POs, PSOs and COs along with CO-PO &CO-PSO mapping are made available on the institute website (<https://sscoetjalgaon.ac.in/>) and MOODLE - Learning Management System

(<http://elearning.sskoetjalgaon.ac.in/moodle/>) that is accessible over internet.

- All the faculty members prepare course file for each semester that lists the POs, PSOs and COs along with CO-PO & CO-PSO mapping.
- Newsletters by all departments also include PEOs, POs and PSOs and published on the institute website (<https://sscoetjalgaon.ac.in/>).

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

#### 2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The institute has practice of measuring the level of attainment of Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) as per the syllabus by K.B.C.North Maharashtra University, Jalgaon (M.S.).

In every semester, CO attainment is evaluated based on the University results. The syllabus has University Assessment, known as End Semester Examination (ESE) for theory and practical, and College Assessment, known as Internal Continuous Assessment (ICA) for practical and Internal Sessional Examination (ISE) for theory. The University assessment contributes 60% and college assessment contributes 40% towards the attainment of CO for each subject (Theory and Practical). For each subject, the CO attainment level, i.e. Level - 1, Level - 2, Level - 3, is calculated based on the percentage of students scoring more than University average mark in the ESE and percentage of students scoring more than college average marks in the ISE / ICA respectively. Level - 1 is defined as 30%, Level - 2 is defined as between 31% to 60% and Level- 3 is defined as above 60%.

Based on the mapping of COs with POs and PSOs, the respective CO attainment contributes to the attainment of POs and PSOs as direct assessment tool. Attainment of POs and PSOs are calculated for each batch at their end of programme.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://sscoetjalgaon.ac.in/public/AQAR2022-23/Criteria_2/2.6.2/">https://sscoetjalgaon.ac.in/public/AQAR2022-23/Criteria_2/2.6.2/</a>

### 2.6.3 - Pass percentage of Students during the year

#### 2.6.3.1 - Total number of final year students who passed the university examination during the year

526

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	Nil

### 2.7 - Student Satisfaction Survey

#### 2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

<https://sscoetjalgaon.ac.in/sss/>

### RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 - Resource Mobilization for Research

##### 3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

###### 3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

280000



File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	<a href="#">View File</a>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

### 3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

#### 3.1.2.1 - Number of teachers recognized as research guides

27

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

### 3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

#### 3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

1

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	Nil

### 3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Innovative ideas are emanating from the minds of students as well as teachers. These contemplations need a conducive environment to

take a concrete shape, to nurture up and to be fruitful. Institute has recognized this basic philosophy. It has an indigenous research funding scheme named Shram Sadhna Research Promotion Scheme. Under this scheme, the teachers write research proposals seeking seed money to shape their innovative ideas. The proposals are scrutinized by the expert committee and are funded based upon merit. Teachers are also encouraged to write research proposals seeking research funds from various government agencies.

The laboratories of the departments are well equipped and they can sustain shaping of innovative ideas and budgetary allocations for equipments, consumables and meeting special needs of research are provided.

In order to provide seed money to the innovative ideas of students, the institute has a scheme under Sharm Sadhna Innovations and Entrepreneurship Development Cell. The cell invites innovation proposals from students. The proposals are scrutinized by the expert committee and based upon their merit they are funded. This motivates students to go for innovative projects and learn by doing.

The students of the institute have won National Level Prizes under prestigious Hackathon competition for their innovative ideas and projects.

The institute has recognized its laboratories of six departments for doctoral research. Here the faculty registers for Ph D and thus the research and innovations are promoted.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sscoetjalgaon.ac.in/ssiedc-cell/">https://sscoetjalgaon.ac.in/ssiedc-cell/</a>

**3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year**

**3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year**

0

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.3 - Research Publications and Awards

#### 3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

##### 3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

11

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

##### 3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

17

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

#### 3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

##### 3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

10

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The Institute's mission statement explicitly mentions "preparing engineers for societal development". The entire curriculums of the courses have been skilfully amalgamated with the co-curricular and extracurricular activities to train students for societal service also. There are several societal services activities undertaken by the institute at the central level as well as at the departmental level. A student chapter at departmental level helps Students to participate and organize various events through these chapters

Clothe Donation, Blood Donation, Swachha Bharat Abhiyan, Environmental Awareness, Tree Plantation drive and many more such programmes are conducted every year at the campus. Student's active participation in National Service Scheme (NSS) makes aware them about social issues and their solution. COVID-19 situation restricted the activities but online awareness was created among students for maintaining the COVID protocol by faculty and by students themselves.

The institute joined the ambitious Unnat Maharashtra Abhiyan of the Government and adopted five villages. Extension activities were undertaken also in these villages.

Social activities enhance and create social awareness and responsibilities towards humanity among the students.

The Institutional Social Responsibility Cell is constituted w.e.f. 11/02/2023. The cell is responsible for:

- Create social awareness and inculcate social responsibility among faculty & students
- Develop Empathy in the faculty & students
- Inculcate values and environmentally responsible behaviour amongst students
- Collaborative activities for societal development

- **Coordinate with departments for related activities**

File Description	Documents
Paste link for additional information	<a href="https://sscoetjalgaon.ac.in/isr-cell/">https://sscoetjalgaon.ac.in/isr-cell/</a>
Upload any additional information	<a href="#">View File</a>

**3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year**

**3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year**

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	No File Uploaded

**3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., ( including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs ) during the year**

**3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year**

7

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

**3.4.4 - Number of students participating in extension activities at 3.4.3. above during year**

**3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year**

125

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

**3.5 - Collaboration**

**3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year**

**3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year**

567

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	<a href="#">View File</a>
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

**3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year**

**3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year**

29

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	No File Uploaded
Any additional information	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

As a learning institute, SSBT's College of Engineering and Technology, has adequate infrastructure such as covering total built-up area of 31734 sq. m.

**Classrooms and Tutorial Rooms:** Institution has 38 classrooms with total carpet area of 3171 sq.m. All classrooms are equipped with ICT-enabled also spacious and proper shape with comfortable sitting arrangement.

**Seminar Halls:** The institute has 3 central seminar halls, to conduct expert lectures, curricular, extra-curricular and other activities equipped with ICT-enabled facilities. In addition to this, there are 5 departmental seminar halls.

**Laboratories:** All laboratories are fully equipped conduct all types of practical prescribed in the curriculum. Total 88 laboratories are in the institute, having carpet area of 7050 sq. m.

**Computing Facility:** All desktop computers are connected with 200 Mbps Internet leased line through Next Generation Firewall. The institute has Wi-Fi zones across all corners of the campus through 60 Wi-Fi Access Points.

**Library:** The Central Library of the institution is spread over 1251 sq.m includes all facilities of the conventional library and as well of digital library.

**Workshop:** The workshop of the institution is fully equipped with

several machineries viz. CNC Lathe and Milling machine, Universal Milling machines, etc. Total outlay for workshop is Rs. 49.41 lakhs.

The Institute is having hostels, canteens, indoor as well outdoor sports facilities, gymnasium, yoga hall etc.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sscoetjalgaon.ac.in/facilities/">https://sscoetjalgaon.ac.in/facilities/</a>

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

The facilities are made available to all students to participate at various levels in sports and cultural activities.

**Indoor Games and Outdoor Games:** The institute has playground for outdoor games, having 13226 sq. m area. The playground has facilities for various sports like Cricket, Volleyball, Football, Kabaddi, Kho- Kho etc. The institute has separate facility for various indoor games like Chess, Table tennis, Carom, Badminton, carom, chess etc.

**Gymnasium:** The institute has a well-equipped gymnasium of 187 sq. m. area. Equipments such as Peck Deck Machine, Chest press machine, Incline Decline Bench, Gymnasium Bike, Dumbbells, Plate, Barbells, Weight Lifting Bars, Single Bar, Double Bar, Dip Stand, Dumbbell Plate Stand etc. are available in the Gymnasium.

**Yoga Hall:** The institute has a yoga hall of 187 sq. m. area. Students perform various yoga activities in this yoga hall. Every year National Yoga Day is celebrated on 21st June.

**Cultural Activities:** The institute has an open air-auditorium of 1944 sq.m. area with good landscaping and ample seating capacity. Every year the institute organizes annual social gathering "Vasant Utsav" for the students in this open air-auditorium. Students avail this opportunity to explore their talent in Singing, Dancing, Drama, Fashion Show etc.

In addition to the open air-auditorium, the institute have three seminar halls and has five departmental seminar halls for



conducting various departmental level cultural activities.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sscoetjalgaon.ac.in/gymnasium/">https://sscoetjalgaon.ac.in/gymnasium/</a>

**4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.**

41

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sscoetjalgaon.ac.in/internet-and-wifi-facility/">https://sscoetjalgaon.ac.in/internet-and-wifi-facility/</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

**4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)**

**4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)**

11355585

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

**4.2 - Library as a Learning Resource**

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The Central Library had been fully automated using Software for University Libraries (SOUL) Version 2.0, consists of the different modules; each module further has been divided into sub-modules to cater its functional requirements:

- Acquisition

This enables library staff to handle all the major functions, such as Suggestions Management; Order Processing, Cancellation and Reminders; Receipt, Payment and Budgetary control; Master files such as Currency, Vendors, Publishers etc.

- Catalogue

This module is used for retrospective conversion of library resources. It also facilitates library staff to process, the newly acquired library resources.

- Circulation

This module takes care of all possible functions of circulation, it also cares membership management, maintenance and status of library items, transaction, Inter Library Loan, overdue charges, renewals & reminders, search status and report generation according to the status of the items.

- OPAC

On-line Public Access Catalogue (OPAC) has simple and advanced search facility with the minimum information for each item including author, title, corporate body, conference name, subject headings, keywords, class number, series name, accession number or combination of any of two or more information regarding the item.

- Serial Control

The module keeps track of serials in the library effectively and efficiently.

- Administration

For accommodating requirements of library staff, the SOUL 2.0 is having additional features such as User Management, System Parameters and Masters which helps to perform ILMS effectively.

One separate node (KIOSK Machine) is made available for Online Public Access Catalogue (OPAC) facility. The library is provided with CCTV Surveillance

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://sscoetjalgaon.ac.in/centrallibrary/">https://sscoetjalgaon.ac.in/centrallibrary/</a>

**4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources**

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)**

**4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)**

581000

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**4.2.4 - Number per day usage of library by teachers and students ( foot falls and login data for online access) (Data for the latest completed academic year)**

**4.2.4.1 - Number of teachers and students using library per day over last one year**

89

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	<a href="#">View File</a>

### 4.3 - IT Infrastructure

#### 4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The server room of the institute is well equipped and well furnished with safety measures and power backup. The rack mounted central switch in the server cabin provides internet connectivity to all corners of the campus through Next Generation Firewall.

The IT infrastructure of the institution includes the facility of desktop computers, LAN, Wi-Fi, Internet, MOODLE as Learning Management System, Portal for interdisciplinary elective subject choice submission, Online admission portal etc. The IT infrastructure is well maintained by hardware engineers and technical supporting staff.

The IT infrastructure includes Optical Fiber Cables of 6.2 km connecting various departments and sections; Internet leased line connection of 100 Mbps bandwidth; 60 access points for wi-fi connectivity; 27 network switches; 23 network racks; 987 desktop computers providing the internet facility; licensed products under Microsoft Edu-Cloud, 38 ICT-enabled class rooms and computer center.

The institute has procured 90 desktop computers with latest configuration during AY 2022-2023.

The institution has setup Modular Object-Oriented Dynamic Learning Environment (MOODLE) as Learning Management System (LMS). The institute has also setup Digital Library as digital repository of project reports and research publications.

Security arrangement Firewall device is set up internet security.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sscoetjalgaon.ac.in/internet-andwifi-facility/">https://sscoetjalgaon.ac.in/internet-andwifi-facility/</a>

#### 4.3.2 - Number of Computers

598

File Description	Documents
Upload any additional information	<a href="#">View File</a>
List of Computers	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	<a href="#">View File</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

##### 4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

##### 4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

32734091

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The institute follows standard established protocols and procedures to maintain the physical, academic, and support facilities

Details

Established System for Maintaining & Upkeeping

Cleanliness of the campus and other infrastructural facilities

Carried out under the supervision of caretaker

Fire safety

Fire extinguishers in the laboratories and other important places

Maintenance and up keeping of laboratory equipment's

Log books / maintenance registers

IT infrastructure

Hardware engineers

Dedicated electrical installations such as transformer, DG set and PV Solar Roof top power plant etc.

Electrical Maintenance Engineer

Construction activities, renovations, repairs, water supply, sanitation, waste disposal, cleaning of building and surroundings etc.

Team that includes site engineer, care taker and dedicated staff undertakes the activities

Well-equipped central library with conventional and digital library

Responsibilities shared by librarian and staff

Playground for outdoor games, and well-equipped gymnasium

Physical Director

Lush green lawn and garden.

Dedicated trained gardeners

Waste water recycling plant of 100 m<sup>3</sup>/day

Concerned Faculty In charge

Six buses as transport facility for the students

Vehicle in-charge through dedicated & skilled drivers

Boys hostels and as well girls hostels

Respective rector

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

**5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year**

**5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year**

1624

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

**5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year**

**5.1.2.1 - Total number of students benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year**

18

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills**

**A. All of the above**



File Description	Documents
Link to Institutional website	<a href="https://sscoetjalgaon.ac.in/skills-enhancement-programme-soft-skills/">https://sscoetjalgaon.ac.in/skills-enhancement-programme-soft-skills/</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

**5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

73

**5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

73

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees**

**A. All of the above**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>

## 5.2 - Student Progression

### 5.2.1 - Number of placement of outgoing students during the year

#### 5.2.1.1 - Number of outgoing students placed during the year

347

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student placement during the year (Data Template)	<a href="#">View File</a>

### 5.2.2 - Number of students progressing to higher education during the year

#### 5.2.2.1 - Number of outgoing student progression to higher education

2

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of student progression to higher education	<a href="#">View File</a>

### 5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

**5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year**

2

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<a href="#">View File</a>

**5.3 - Student Participation and Activities**

**5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year**

**5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

20

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms )

Students are encouraged to actively participate at various administrative levels through their representation in Internal Quality Assurance Cell, Grievance Redressal Committee and Anti

Ragging Committee for contributing towards development of Institute and Society.

The students in the role of coordinator's, committee members, and representatives at institute level committees like Sports, Cultural, and National Social Service are keys to empower the budding professionals.

The Social welfare/ awareness program, Blood Donation Camps, Tree Plantation, etc. impart values like societal development and Expert Lectures, Workshops, Seminars, Project Exhibition, Paper & Poster Presentation help the students to apply academic skills in the real world context.

Institute has Departmental Student Associations, Energy Club, Nature's Club, Robo Club, student Chapter of Indian Society for Technical Education, Indian Society of Heating, Refrigerating and Air Conditioning Engineers and Solar Energy Society of India in which students organize various events / activities under the guidance of Faculty Convenors /Coordinators of the Club.

Institute preserves National culture, heritage and promote student participation in various National Days, Events Celebration & encourage students to participate in Annual Gathering VASANT UTSAV, Yuvarang imparting positive behaviour and team work leading sense of belonging among them.

Team work and Respect are the skills learnt through participating in Sports. Institute provides all facilities for Indoor and Outdoor Sports, Events/ Competitions, and students of the Institute actively participate & are excelling at University & National Level Sports Events.

File Description	Documents
Paste link for additional information	<a href="https://sscoetjalgaon.ac.in/energy-club/">https://sscoetjalgaon.ac.in/energy-club/</a>
Upload any additional information	<a href="#">View File</a>

**5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)**

**5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year**

60

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<a href="#">View File</a>

#### 5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Institute has constituted Alumni Association. Though the association is not yet registered but the activities / functions of the association are comandable. Contributions by the alumni in the form of support services are sharing knowledge, expertise, Internship, placements, books etc. for the students.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.4.2 - Alumni contribution during the year (INR in Lakhs)

A. ? 5Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

### GOVERNANCE, LEADERSHIP AND MANAGEMENT

#### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The institute has carried the flame of quality education in this region and is reflective in the number of students admitted. The

Governing Body (GB), constituted as per AICTE guidelines, is the apex body of the institute and decisions taken by the body are in tune with Vision and Mission. Various decisions, may it be related to infrastructure, human resources, facilities, taken by the GB have been progressive in imparting quality education for societal development. As part of mission of the institute, the institute believes in conducive environment through due representation of stakeholders at various levels of governance. The institute has constituted College Development Committee (CDC) as per the guidelines of University. The institute prepares perspective plan and keeps updating time-to-time as per need. The plan is approved by CDC and GB for implementation. Internal Quality Assurance Cell (IQAC) is instrumental in maintaining the quality education aligned with Vision and Mission of the Institute. The Institute believes in fostering a culture of empowerment through strategic action. The Principal of the Institute is supported by the Head of Departments, Administrative Officers, Section Heads, and various Committee Coordinators in the decision-making process at the Institute.

File Description	Documents
Paste link for additional information	<a href="https://sscoetjalgaon.ac.in/about/">https://sscoetjalgaon.ac.in/about/</a>
Upload any additional information	<a href="#">View File</a>

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The institute has Governing Body (GB), College Development Committee (CDC), Principal, Vice Principal, Training and Placement Officer and Head of Departments (HODs). The GB and CDC are constituted in accordance with the guidelines of AICTE. These bodies, and so as Principal, Vice Principal, HoDs, play pivotal role to accomplish the Vision and Mission of the institute. Regular meetings of these members are held for effective and smooth functioning of the institute. Principal being the leader of the institute not only provides the direction but also instrumental for consultative decision making. Regular meetings and consultative-decision-making give thrust to the growth of institute. Assistant Registrar (Finance) and Registrar of the institute are also involved in the consultative decision making for the effective and smooth functioning. All HoD's are responsible for day to day administration of their department and timely reporting to Principal. Institute is also having various

feedback mechanisms through which stakeholders can participate and can share their views, ideas, opinions or suggestions. The Institute believes in fostering a culture of empowerment through strategic action. Decentralization and participative management, has shown a significant impact on policy making, planning and management.

File Description	Documents
Paste link for additional information	<a href="https://sscoetjalgaon.ac.in/committees/">https://sscoetjalgaon.ac.in/committees/</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

As per the Perspective Plan for the Academic Year 2022-2023, the institute purchased 90 Desktop Computers and 10 Interactive Flat Panel Display and 8 LCD Projectors. The Institute has Taken initiative for ICT enabled classrooms and seminar halls for conducting lectures and presentations by the students. The uses of the ICT tools enable Teachers to convey the subject/topic with latest information by accessing to digital resources available. The use of images, videos and graphics while delivering subject/topic makes it more effective. For effective teaching-learning process, total number of classrooms and seminar halls with ICT-enabled facilities in the institute are 41, out of which 10 rooms are with wall-mounted Interactive LCD Projectors and Duplex Projection Screen, and the remaining are with LCD Projectors. The faculty members are encouraged to use ICT tools in the classroom delivery.

Institute has established International Relations Cell for collaborating with foreign renowned professionals / educationist, Universities / Institutions for Idea / Knowledge sharing / exchange and Institutional Social Responsibility Cell for Collaborative activities for societal development.

Capacity Building Program for Faculty and Staff Conducted for developing a culture of sharing learning, expertise, knowledge among them Inculcating creativity, critical thinking, communication, and cooperation.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://sscoetjalgaon.ac.in/perspective-plan/">https://sscoetjalgaon.ac.in/perspective-plan/</a>
Upload any additional information	<a href="#">View File</a>

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The institute is run by Shrama Sadhana Bombay Trust registered under Bombay Public Trust Act, 1950 and its registration No. is E 6942 & was formed on 12/10/1978. Governing Body (GB) of the institute is constituted as recommended by AICTE's Approval Process Handbook. Its Chairman is nominated by the Trust. GB is collectively responsible for overseeing the institution's activities and determining its future direction and fostering an environment in which the institutional vision & mission is achieved. College Development Committee (CDC) is constituted as per section 97(1) of Maharashtra Public University Act, 2016. The CDC shall be responsible for Preparation of overall comprehensive development plan of the institute regarding academic, administrative and Infrastructural growth. The Principal is a Head of Institute and also acts as the Member Secretary of Governing Body and College Development Committee. Vice Principal, Director of Administration, Director of Academic Development, Director of Research & Development, Director of Technical Development, Head of Departments, Training & Placement Officer, Faculty Members, Registrar, Assistant registrar, Office Superintendent, Technical Staff also help for smooth functioning of the institution as per the well-established organizational structure.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	<a href="https://sscoetjalgaon.ac.in/public/pdfs/organogram.pdf">https://sscoetjalgaon.ac.in/public/pdfs/organogram.pdf</a>
Upload any additional information	<a href="#">View File</a>



<b>6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination</b>	<b>A. All of the above</b>
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File Description	Documents
ERP (Enterprise Resource Planning)Document	<a href="#">View File</a>
Screen shots of user inter faces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

**6.3 - Faculty Empowerment Strategies**

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The institute has various welfare schemes for teaching and non-teaching staff. The institute believes that one can give his/her best when he/she is happy with work and this in turn has a positive impact on the student community.

1) Welfare schemes for Teaching staff:-

- Sponsorship Fee Reimbursement for STTP/Workshop/Paper Publication etc.: Reimbursement of registration fees of faculty members.
- Leaves for Higher studies: Providing special leaves to pursue higher studies.
- Empowering teachers with personal computation facility: Use modern teaching aids to improve productivity.

2) Welfare schemes for Non-Teaching Staff

- Special Training: Work ethics and Computer Skills, to enhance productivity.
- Encashment of Earned Leave: The Earned Leave is encashed to non-teaching staff upon their retirement.
- Salary Advance: The institute provides Salary advance in case of need.

3) General welfare schemes for all staff.

- **Leaves:** Casual Leave, Special Leave, Maternity Leave, Medical Leave & Earned Leave.
- **Employee Provident Fund:** Facility of Employee Provident Fund (EPF) to all its employees.
- **Gratuity:** Gratuity is provided to eligible members upon their retirement.
- **In Campus Medical Assistance:** One Male Doctor & One Female Doctor for In Campus Medical Assistance
- **Group saving link insurance:** Group Saving Link Insurance is provided to all the Permanent staff members.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year**

**6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year**

0

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

**6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year**

**6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year**

3

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

**6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)**

**6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year**

25

File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

**6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff**

Institute has designed performance appraisal form to capture and evaluate performance of the Teaching and Non Teaching Staff. The Institute believes that, an effective performance appraisal system is important for optimizing the contribution of individual

teaching and non Teaching staff. It aims at self growth in terms of both personal and professional development of the employee which directly impacts the success of the students. The performance appraisal system is based on stipulated criteria and parameters that are to be fulfilled. The performance appraisal is being assessed annually based on the submission of 360Feedback form by teaching staff. The Summary of Total (Max Points 100) includes Teaching Process (Max Points 25), Students feedback (Max Points 25), Departmental activities (Max Points 20), Institutional activities (Max Points 10), Contribution to Society (Max Points 10), Annual Confidential Report (ACR) (Max Points 10).

Evaluation form by non Teaching staff on various indexed parameters of non Teaching staff is verified by immediate superior.

The outcome of the performance appraisal system is that, each teaching / non teaching staff becomes aware of self-weaknesses and tries to improve. Faculty members with major weaknesses are personally counselled by the Principal.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

#### 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

**External Audit:** The Audit firm M/s R.N.Khairnar & Company C.A., Jalgaon, quarterly verifies and submits yearly Audit report to the institute. It includes Income & Expenditure A/c, Balance Sheet, Depreciation schedule etc. The Institute has followed Mercantile (accrual) System of Accounting. The Institute is registered under section 12 A of the Income Tax Act. The annual budget for Institute is prepared and proposed at the beginning of Financial Year for recurring and non-recurring potential income and expenditure involved for the year and submitted for approval of the Governing Body. Mobilization of funds in the Institute is through resources and funds as feasible. The consolidation of the findings of the Institution with Trust Central Office is completed and Annual Returns are submitted to Income Tax Authorities,

Registrar and Trust Office / Managing Trustee.

Internal Audit: During the course of Internal Audit, all required steps are taken to regularize the accounts and confirmation obtained for credit balances by documentary evidences.

Nature of Internal Audit work is as follows-

- To check Cash Book
- To check Stationary Stock Record of Store Section
- Bank Reconciliation Work
- Scrutinizes and verifies all Payments, Receipts and Journal vouchers.
- To keep ready Income & Expenditure A/c & Balance sheet.

File Description	Documents
Paste link for additional information	<a href="https://sscoetjalgaon.ac.in/audit-reports/">https://sscoetjalgaon.ac.in/audit-reports/</a>
Upload any additional information	<a href="#">View File</a>

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

##### 6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

200000

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	<a href="#">View File</a>
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

#### 6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The institute implements academic and non-academic reforms within their self-conceived development programs that focus on quality and relevance, resource mobilization greater institutional autonomy with accountability, research and equity. The receipts primarily are generated through the fees paid by students. The

Institute has well-defined mechanism to examine effective utilization of available financial resources for the development of the academic processes and infrastructure development.

Every year the institutional budget is prepared by account section after studying estimated income & essential requirement of Institute and discussing with Principal and Finance committee members in to consideration of recurring and non- recurring expenditures. Accordingly all the administrative and academic heads are requested to submit the budget required for the subsequent financial year. Along with this all coordinators of different cells, viz., T&P Cell, R&D Cell, Student Cultural Activity Cell etc are also instructed to submit their budge through the Principal.

All the major financial decisions are taken by the Trustee's Governing Body (GB) and College Development Committee (CDC).

In case of inadequate funds, the management arranges the funds to meet out the expenditure. The management has never compromised on providing high quality engineering education with an affordable cost to students.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Internal Quality Assurance Cell (IQAC) assesses and suggests the parameters of quality education. Some of the major contributions by IQAC for quality assurance under IQAC is defining Quality Initiatives for A.Y. 2022-23.

<https://sscoetjalgaon.ac.in/iqac/quality-initiatives/>

For inducing quality through strategies and processes IQAC has conducted various programs during the Academic Year.

1. Capacity Building Program for Faculty held from 17th January

to 4th February, 2023.

2. Seminar on NEP 2020: Report on Structure and Curriculum for Implementation in State Universities of Maharashtra (Dtd. 11 February, 2023).
3. Capacity Building Program for Non-Teaching Staff (Dtd. 13-27 February, 2023).
4. Ignite Ideas Jointly organized by IQAC with IIC held between 1-8 March, 2023.
5. One day Workshop on "Cooking & Entrepreneurship" jointly organized by SSBT's College of Engineering & Technology and KBC North Maharashtra University, Jalgaon (Dr. Sunita Patil coordinated the event under IQAC) (Dtd. 10 March, 2023).
6. Internal Quality Assurance Cell and International Relations Cell collaboratively organized Personal Branding Program for Students with Richard George Foundation held on 8th May, 2023.

<https://sscoetjalgaon.ac.in/iqac/activities/>

File Description	Documents
Paste link for additional information	<a href="https://sscoetjalgaon.ac.in/iqac/">https://sscoetjalgaon.ac.in/iqac/</a>
Upload any additional information	<a href="#">View File</a>

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process. The Academic Calendar is prepared in advance, displayed and circulated in the Institute and strictly followed. Induction program for all newly admitted students creates awareness of the education system, the teaching learning process, the system of continuous evaluation, compulsory and elective courses, various co curricular activities, discipline and culture of the Institute. All students are also given a guided tour of the campus and the various facilities.

Various initiatives are taken to improve the quality of teaching imparted in the institute. IQAC reviews academic, administrative and research activities regularly. Feedback from students is also taken, properly analysed and shared with all concerned and with individual faculty members. Capacity Building Program for Teaching and Non-Teaching Staff ensures the best, motivated, energized and

capable faculty and staff for advancing students, institutions, and professions. "Academic Audit" ensures the quality of teaching learning processes, and research activities and helps to set new benchmarks.

With an objective of overall development, IQAC emphasized to organize various training programmes to enhance the skill sets of students and to make them employable. IQAC and International Relations Cell in collaboration with the Richard George Foundation provided a unique international exposure to students for attending the Personal Branding Program to communicate talent and values among colleagues and other professionals and provided numerous tools and strategies for building a strong online and offline presence.

File Description	Documents
Paste link for additional information	<a href="https://sscoetjalgaon.ac.in/iqac/activities/">https://sscoetjalgaon.ac.in/iqac/activities/</a>
Upload any additional information	<a href="#">View File</a>

**6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

**A. All of the above**

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>



## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

#### 7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The institute promotes gender equity in admissions, recruitment, administrative functionality, academic activities, NSS activities, and extracurricular activities.

#### Measures:

- Self Finance NSS unit to encourage girl students and a women faculty member is appointed as in charge for the unit.
- Separate Women's Grievance Redressal Committee is established exclusively to encourage the girl students and the unit is successfully conducting various activities to serve the society.
- Girl's common rooms are provided in the campus with required facilities.
- Separate space is provided for girls in the central library and in the canteen to avoid inconvenience.
- The girl students are nominated as members of various committees at department, institute levels and the institute encourages their participation in various activities.
- The institute celebrates Women's day and presents success stories of famous women to inspire the girl students for understanding their potential.
- The institute has a policy of appreciating faculty without gender bias. Women faculties are nominated, based on their ability, as heads of the departments and conveners of various committees and discharging their duties efficiently.
- Girl's hostels are provided with dispensary with lady doctor. Security guards were stationed across the campus.
- During orientation programs and other events, awareness is created on gender equity among the students.

File Description	Documents
Annual gender sensitization action plan	<a href="https://sscoetjalgaon.ac.in/institutional-values-and-best-practices-1/">https://sscoetjalgaon.ac.in/institutional-values-and-best-practices-1/</a>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	Nil

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment**

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management**

**Solid waste management:**

The institute has maintained a neat and clean ambience by a well-designed and organized solid waste management system. By segregating solid waste as degradable and non-degradable, it is handed over to the concerned authorities as a part of Swachh Bharat initiative. Each block and floor is provided with dry waste collecting bins and collected waste from various offices, laboratories, corridors, class rooms is carried away weekly from the campus.

**Liquid waste management:**

The entire campus has two pipe systems for sullage (liquid waste from bathrooms and kitchen) and sewage (liquid waste from latrine), for separate collection. The sewage is passed through septic tanks and soak pits. The sullage is treated in the

indigenously designed sullage plant in the campus and treated sullage is used for gardening purpose to maintain a lush green campus, the recycled water is utilized for plantation and garden area.

**E-waste management:**

All the Electronic waste is recycled through the vendor who is approved by government for E-waste collection.

**Hazardous waste management:**

The wastewater generated from laboratories is having very low concentration of toxic chemicals, the collected waste is diluted and equalized with water and then discharged.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	<a href="#">View File</a>

**7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus**

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:**

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways

A. Any 4 or All of the above

<b>4. Ban on use of plastic</b> <b>5. Landscaping</b>	
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File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

**7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution**

<b>7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities</b>	<b>A. Any 4 or all of the above</b>
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<b>No File Uploaded</b>
Any other relevant information	<a href="#">View File</a>

<b>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</b>	<b>A. Any 4 or all of the above</b>
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File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

Institute organizes various programs to promote tolerance and harmony towards regional, linguistic, communal socioeconomic and other diversities. Women's Redressal cell aims at social protection, ensuring tolerance and harmony, reducing vulnerability, building human capital, empowering women and girls, cultural, regional inclusion. Every year national festivals and other events are conducted to emphasize the importance of tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. NSS and Unnat Bharat Abhiyan activities of our institution mitigate the socioeconomic diversities and progress them towards leading to a tolerant and harmonious living. Cultural committees, through various clubs organizes plays, skits, competitions and invited lectures, educates the students and makes them aware of their social responsibilities and understand the implications of their actions. In cultural programs, traditions of various regions are respected.. Students are involved and encouraged to participate in various co-curricular and extracurricular activities to make them mingle with one another and share their opinions and disagreements in a harmonious manner. The institute provides poor and merit scholarships as financial support and conducts aptitude and general knowledge classes for the interested students to help them for their competitive exams. National Service Scheme boost values among the students through various organized activities.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

SSBT's College of Engineering and Technology sensitizes the students and the employees of the institution to the constitutional obligations about values, rights, duties and responsibilities of citizens which enables them to maintain conduct as a responsible citizen. The institute hoists the flag during national festivals to inspire students and staff by instilling the qualities of freedom fighters and to emphasize the duties and responsibilities of citizens. The students are inspired by conducting various programs based on culture, traditions, values, duties and responsibilities by inviting outside people. Competitions based on Rangoli and ancient technologies are conducted for students. Institute establishes policies that reflect core values. Code of conduct is prepared for students and staff and they are encouraged to follow and maintain good conduct. The institute curriculum is framed with the inclusion of mandatory courses like Constitution of India, Essence of Indian Traditional Knowledge. NSS activities of our institution designed considering Philanthropic initiatives that include donation of time or resources to government, charities and organizations at local, national levels to help victims during natural disasters.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://sscoetjalgaon.ac.in/institutional-values-and-best-practices-4/">https://sscoetjalgaon.ac.in/institutional-values-and-best-practices-4/</a>
Any other relevant information	Nil

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The**

**Code of Conduct is displayed on the website  
There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff  
4. Annual awareness programmes on Code of Conduct are organized**

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	<a href="#">View File</a>

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

In keeping with the Mission and Vision of the institute, that aims to inculcate values and nationalism amongst the students by celebrating the national/state festivals and birth anniversaries of great Indian personalities in the institute every year. The celebration of all the days, Enhances students' sensitivities towards traditions and legacies and provides them a platform to learn different skills, makes them responsible citizens as they learn a few things about their duties and rights also students become well aware of the need to conserve nature and integrity.

Republic Day and Independence Day, Gandhi Jayanti, Teachers Day, Engineer's Day, National Unity Day, International Women's Day, National Voters Day, International Yoga Day, National Pollution Day, Constitution Day, Safety Day, National Education Day, Hindi Day are celebrated every year in the Institute. In all events Faculty, Staff and Students enthusiastically take part thus boosting the values among everyone.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

### Best Practice -I : Capacity Building Program

Capacity Building Program for faculty members was arranged in the current developing technologies with following objectives:

- Empowering faculty members with cutting - edge technologies
- Developing a culture of shared learning among faculty members
- Inculcating creativity, critical thinking, communication, and cooperation among faculty members

The outcomes of the program are as follows:

- Enriching curriculum with cutting - edge technologies
- Motivating students for creativity, critical thinking, communication, and cooperation
- Engaging students to apply engineering knowledge in societal, environmental & sustainable issues
- Engaging in independent and life-long learning

### Best Practice -II : Green and Clean Campus

#### Objectives of the Practice

For Environmental sustainability and as health leads to happiness and happiness leads to success, it is essential to instil the importance of maintaining the green and clean campus among all stakeholders, the practice has following objectives:

- Eco-friendly and pleasant atmosphere
- Efficient use of energy and water



- Recycling waste

**Evidence of Success**

- The Green campus led to a drop of 1 -2 degree Celsius temperature, Tree plantation for climate betterment, effective sullage recycling and management, reduction in electricity consumption by Solar Rooftop Panels, production of biogas and vermicompost from Vermicomposting unit is evidence of success.

File Description	Documents
Best practices in the Institutional website	<a href="https://sscoetjalgaon.ac.in/institutional-values-and-best-practices-6/">https://sscoetjalgaon.ac.in/institutional-values-and-best-practices-6/</a>
Any other relevant information	Nil

**7.3 - Institutional Distinctiveness**

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The Institute has established its distinctive approach towards comprehensive Vision and to equip the non Teaching Staff with skillset the institute organized Capacity Building Program for staff members from 13 February to 27 February 2023.

Capacity building is a measure to strengthen an organisation's capacity to carry out its tasks. Capacity building practices focus on interests and strengths, it strengthens existing capacities and promotes the acquisition of new skills.

Realizing the importance of preparing multidimensional professionals, the SSBT's College of Engineering & Technology, Bambhori, Jalgaon has initiated steps for continuous professional development of staff members to meet the need of hour . In the program, the senior staff members were the resource persons and all staff members attended the program with full enthusiasm thereby creating the environment of peer - learning. The Objectives of the program:

1. Empowering staff members with overall office activities
2. Developing a culture of shared learning among staff members
3. Inculcating communication and cooperation among staff

members

The positive outcomes are achieved during presentation sessions and are summarized as:

1. Use of technology in office activities
2. Gain confidence in presentation and communication
3. Build Multiple skill

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	<a href="#">View File</a>

### 7.3.2 - Plan of action for the next academic year

In view of the vision and mission of the institute following initiatives are planned:

- Effective implementation of NEP 2020.
- Capacity Building Program.
- MoU's with Industry.
- Research projects grant and to be sanctioned from various funding agencies.
- Arranging Technical/Expert Lectures from Mentors of International Relations Cell.
- Arranging Programs through Institutional Social Responsibility Cell.
- Organization of Incubation, innovation and start up related activities.
- Enhancing Students employability by arranging various activities and programs.
- Increasing Industry Institute Interaction by industry Visit, Industrial Projects etc.