

### YEARLY STATUS REPORT - 2021-2022

### Part A

### Data of the Institution

| 1.Name of the Institution                            | SHIVAJIRAO S JONDHLE COLLEGE OF<br>ENGINEERING & TECHNOLOGY ASANGAON |
|--|--|
| • Name of the Head of the institution                | DR. (MRS.) GEETHA K JAYARAJ  |
| • Designation  | PRINCIPAL  |
| • Does the institution function from its own campus? | Yes  |
| • Phone no./Alternate phone no.                      | 9594962029   |
| • Mobile no  | 9820392925   |
| • Registered e-mail                                  | vjtsscoe@rediffmail.com  |
| • Alternate e-mail                                   | <pre>ssjcet.principal@gmail.com</pre>                                |
| • Address  | MUMBAI NASHIK HIGHWAY, NEAR<br>GURUDWARA                             |
| • City/Town  | ASANGAON   |
| • State/UT   | MAHARASHTRA  |
| • Pin Code   | 421601   |
| 2.Institutional status                               |  |
| Affiliated /Constituent                              | AFFILIATED   |
| • Type of Institution                                | Co-education   |
| • Location   | Rural  |

• Financial Status

Self-financing

| • Name of the Affiliating University                                    | UNIVERSITY OF MUMBAI                          |
|---|---|
| • Name of the IQAC Coordinator  | AMOL S DAYMA                                  |
| • Phone No.   | 8007221976                                    |
| • Alternate phone No.   | 9324333333                                    |
| • Mobile  | 8007221976                                    |
| • IQAC e-mail address   | ASDAYMA@GMAIL.COM                             |
| • Alternate Email address   | SSJCET.PRINCIPAL@GMAIL.COM                    |
| <b>3.Website address (Web link of the AQAR (Previous Academic Year)</b> | https://www.jondhleengg.org/aqar2<br>021.aspx |
| 4.Whether Academic Calendar prepared during the year?                   | Yes   |

• if yes, whether it is uploaded in the Institutional website Web link:

### **5.Accreditation Details**

| Cycle   | Grade | CGPA | Year of<br>Accreditation | Validity from | Validity to |
|---------|-------|------|--------------------------|---------------|-------------|
| Cycle 1 | B++   | 3.00 | 2018                     | 02/11/2018    | 01/11/2023  |

### 6.Date of Establishment of IQAC

### 02/01/2017

https://www.jondhleengg.org/Docum

ents/Acad calendar.pdf

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

| Institutional/Depa<br>rtment /Faculty | Scheme | Funding Agency | Year of award with duration | Amount |
|---------------------------------------|--------|----------------|-----------------------------|--------|
| Nil                                   | Nil    | Nil            | Nil                         | Nil    |

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

• Upload latest notification of formation of <u>View File</u> IQAC

### 9.No. of IQAC meetings held during the year 02

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

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

• If yes, mention the amount

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

### NEW COURSE INTRODUCED

VACCINATION DRIVE

ISHRAE PROFESSIONAL MEMBERSHIP

SCHOOL CONNECT PROGRAM FOR IMPROVING ADMISSION

FDP, STTP FOR FACULTIES

**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  |
|--|--|
| NEW COURSE   | STARTED NEW COURSE AUTOMATION &<br>ROBOTICS IN UG  |
| VACCINATION DRIVE  | free vaccination drive under<br>Mission Yuva Swasthya was<br>successfully conducted on 30 th<br>Oct and 01 st Nov 2021   |
| ISHRAE PROFESSIONAL MEMBERSHIP                               | Mechanical Engineering<br>department opened ISHRAE (Indian<br>Society for Heating,<br>Refrigerating and Air<br>Conditioning Engineers) Student<br>Chapter in September 2021. |
| SCHOOL CONNECT PROGRAM FOR<br>IMPROVING ADMISSION            | ORGANISED SCHOOL CONNECT PROGRAM<br>FOR IMPROVING ADMISSIONS IN NEAR<br>BY AREAS   |
| SOFT SKILL & PERSONALITY<br>DEVELOPMENT PROGRAM FOR STUDENTS | ORGANISED SOFT SKILL AND<br>PERSONALITY DEVELOPMENT PROGRAM<br>FOR STUDENTS  |

13.Whether the AQAR was placed before statutory body?

No

• Name of the statutory body

| Name | Date of meeting(s) |
|------|--------------------|
| Nil  | Nil                |

14.Whether institutional data submitted to AISHE

| Part A   |   |  |
|--|---|--|
| Data of the Institution                              |   |  |
| 1.Name of the Institution                            | SHIVAJIRAO S JONDHLE COLLEGE OF<br>ENGINEERING & TECHNOLOGY<br>ASANGAON |  |
| • Name of the Head of the institution                | DR. (MRS.) GEETHA K JAYARAJ   |  |
| • Designation  | PRINCIPAL   |  |
| • Does the institution function from its own campus? | Yes   |  |
| • Phone no./Alternate phone no.                      | 9594962029  |  |
| • Mobile no  | 9820392925  |  |
| • Registered e-mail                                  | vjtsscoe@rediffmail.com   |  |
| • Alternate e-mail                                   | <pre>ssjcet.principal@gmail.com</pre>                                   |  |
| • Address  | MUMBAI NASHIK HIGHWAY, NEAR<br>GURUDWARA                                |  |
| • City/Town  | ASANGAON  |  |
| • State/UT   | MAHARASHTRA   |  |
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| 2.Institutional status                               |   |  |
| Affiliated /Constituent                              | AFFILIATED  |  |
| • Type of Institution                                | Co-education  |  |
| • Location   | Rural   |  |
| Financial Status                                     | Self-financing  |  |
| • Name of the Affiliating University                 | UNIVERSITY OF MUMBAI  |  |

| • Name of the IQAC Coordinator  | AMOL S DAYMA  |
|---|---|
| • Phone No.   | 8007221976  |
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| • IQAC e-mail address   | ASDAYMA@GMAIL.COM   |
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| <b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>                       | https://www.jondhleengg.org/aqar<br>2021.aspx               |
| 4.Whether Academic Calendar prepared during the year?   | Yes   |
| <ul> <li>if yes, whether it is uploaded in the<br/>Institutional website Web link:</li> </ul> | https://www.jondhleengg.org/Docu<br>ments/Acad_calendar.pdf |
| 5.Accreditation Details   |   |
|   |   |

| Cycle   | Grade | CGPA | Year of<br>Accreditation | Validity from  | Validity to    |
|---------|-------|------|--------------------------|----------------|----------------|
| Cycle 1 | B++   | 3.00 | 2018                     | 02/11/201<br>8 | 01/11/202<br>3 |

### 6.Date of Establishment of IQAC 02/01/2017

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

| Institutional/Dep<br>artment /Faculty | Scheme | Funding Agency | Year of award with duration | Amount |
|---------------------------------------|--------|----------------|-----------------------------|--------|
| Nil                                   | Nil    | Nil            | Nil                         | Nil    |

# 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 02 • Were the minutes of IQAC meeting(s) Yes

and compliance to the decisions have

| been uploaded on the institutional website?   |                  |
|---|------------------|
| • If No, please upload the minutes of the meeting(s) and Action Taken Report  | No File Uploaded |
| <b>10.Whether IQAC received funding from</b><br><b>any of the funding agency to support its</b><br><b>activities during the year?</b> | No               |
| • If yes, mention the amount  |                  |

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

NEW COURSE INTRODUCED

VACCINATION DRIVE

ISHRAE PROFESSIONAL MEMBERSHIP

SCHOOL CONNECT PROGRAM FOR IMPROVING ADMISSION

FDP, STTP FOR FACULTIES

**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  |  |
|--|--|--|
| NEW COURSE   | STARTED NEW COURSE AUTOMATION &<br>ROBOTICS IN UG  |  |
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| SCHOOL CONNECT PROGRAM FOR<br>IMPROVING ADMISSION                      | ORGANISED SCHOOL CONNECT<br>PROGRAM FOR IMPROVING<br>ADMISSIONS IN NEAR BY AREAS   |  |
| SOFT SKILL & PERSONALITY<br>DEVELOPMENT PROGRAM FOR<br>STUDENTS        | ORGANISED SOFT SKILL AND<br>PERSONALITY DEVELOPMENT PROGRAM<br>FOR STUDENTS  |  |
| 13.Whether the AQAR was placed before statutory body?                  | No   |  |
| • Name of the statutory body   |  |  |
| Name   | Date of meeting(s)   |  |
| Nil  | Nil  |  |
| 14.Whether institutional data submitted to AI                          | SHE  |  |
| Year Date of Submission  |  |  |
| 2021   | 13/01/2023   |  |
| 15.Multidisciplinary / interdisciplinary                               |  |  |
| 13.1viuluuscipiinai y / interuiscipiinai y                             |  |  |
| OUR INSTITUTE IS AFFILIATED TO UN<br>SYLLABUS DEPARTMENT AND INSTITUTE |  |  |

Γ

| 17.Skill development:   |                  |                  |  |  |  |
|---|------------------|------------------|--|--|--|
| SKILL DEVELOPEMENT CELL HAVE BEEN ESTABLISHED IN OUR INSTITUTE  |                  |                  |  |  |  |
| 18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course) |                  |                  |  |  |  |
|   |                  |                  |  |  |  |
| <b>19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):</b>                          |                  |                  |  |  |  |
|   |                  |                  |  |  |  |
| 20.Distance education/online education:   |                  |                  |  |  |  |
| Extended  | d Drofilo        |                  |  |  |  |
|   |                  |                  |  |  |  |
| 1.Programme   |                  |                  |  |  |  |
| 1.1   |                  | 03               |  |  |  |
| Number of courses offered by the institution acros<br>during the year   | ss all programs  |                  |  |  |  |
| File Description  | Documents        |                  |  |  |  |
| Data Template   |                  | <u>View File</u> |  |  |  |
| 2.Student   |                  |                  |  |  |  |
| 2.1   |                  | 1026             |  |  |  |
| Number of students during the year  |                  |                  |  |  |  |
| File Description  | Documents        |                  |  |  |  |
| Institutional Data in Prescribed Format   | <u>View File</u> |                  |  |  |  |
| 2.2   | 766              |                  |  |  |  |
| Number of seats earmarked for reserved category as per GOI/<br>State Govt. rule during the year                   |                  |                  |  |  |  |
| File Description  | Documents        |                  |  |  |  |
| Data Template   | <u>View File</u> |                  |  |  |  |
|   |                  |                  |  |  |  |

| 2.3   |                  | 376              |  |  |  |
|---|------------------|------------------|--|--|--|
| Number of outgoing/ final year students during the year   |                  |                  |  |  |  |
|   | -                |                  |  |  |  |
| File Description  | Documents        |                  |  |  |  |
| Data Template   |                  | <u>View File</u> |  |  |  |
| 3.Academic  |                  |                  |  |  |  |
| 3.1   |                  | 81               |  |  |  |
| Number of full time teachers during the year  |                  |                  |  |  |  |
| File Description  | Documents        |                  |  |  |  |
| Data Template   |                  | <u>View File</u> |  |  |  |
| 3.2   |                  | 76               |  |  |  |
| Number of sanctioned posts during the year  |                  |                  |  |  |  |
| File Description  | Documents        |                  |  |  |  |
| Data Template   |                  | <u>View File</u> |  |  |  |
| 4.Institution   |                  |                  |  |  |  |
| 4.1   |                  | 31               |  |  |  |
| Total number of Classrooms and Seminar halls  |                  |                  |  |  |  |
| 4.2   |                  | 31525686         |  |  |  |
| Total expenditure excluding salary during the yea   | r (INR in lakhs) |                  |  |  |  |
| 4.3   |                  | 533              |  |  |  |
| Total number of computers on campus for academic purposes   |                  |                  |  |  |  |
| Part B  |                  |                  |  |  |  |
| CURRICULAR ASPECTS  |                  |                  |  |  |  |
| 1.1 - Curricular Planning and Implementation  |                  |                  |  |  |  |
| 1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process |                  |                  |  |  |  |
| Our college SSJCET is affiliated to University of Mumbai, Mumbai,   |                  |                  |  |  |  |

Maharashtra and hence adopts the curriculum prescribed by University of Mumbai. At the beginning of each academic year University of Mumbai (UoM) provides the academic calendar. Based on this, the college prepares the academic calendar before the commencement of each academic session i.e. Academic calendar for odd semester and even semester separately. The college academic calendar encompasses curricular, co-curricular and extracurricular activities for effective implementation and delivery of curriculum. The College Academic Calendar helps as a source of information and planner for students, faculty, staff, and other stakeholders of the college. In the Academic year 2021-22, the institute was working on a blended mode, in the odd semester it was online and in even semester it was in regular mode. The academics, Examinations and other administrative works are being done as per the circulars and SOPs issued by University of Mumbai, DTE and AICTE during the period.

Various measures taken for effective delivery of the university curriculum are briefly explained and uploaded with relevant documents.

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |
| Link for Additional information     | Nil              |

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

At the beginning of each academic year University of Mumbai (UoM) provides the academic calendar. Based on this, the college prepares the academic calendar before the commencement of each academic session i.e. Academic calendar for odd semester and even semester separately.

Internal Assessment tests (IA), assignments, quizzes, project work and seminars are part of the Continuous Internal Evaluation (CIE) of students. There is a well-defined process for the conduct of CIE as per the academic calendar.

Engineering program follows 80 :20 pattern whereas for Management program, the pattern is 60:40 for each subject theory end sem exams and internal exams respectively in every semester. The internal examination called as Unit Test (UT) for Engineering

Programs will be conducted in a semester two times as UTI&UT II, each test carries 20 marks in each subject. The average of both UT marks out of 20 marks will be taken and entered as UT marks.

Management program follows 40 mars for internal Examination which comprises of one Unit Test and project presentation.

In the AY 2021-22, the institute was working online mode in the first half and then in blended mode in the second half. The academics, Examinations and other administrative works are being done as per the circulars and SOPs issued by University of Mumbai, DTE and AICTE during the period.

| File Description   | Documents   |                       |  |
|--|---|-----------------------|--|
| Upload relevant supporting document  | <u>View File</u>  |                       |  |
| Link for Additional information  | https://www.jondhleengg.org/syllabus.aspx   |                       |  |
| 1.1.3 - Teachers of the Institution<br>in following activities related to<br>development and assessment of<br>University and/are represented<br>following academic bodies durin<br>Academic council/BoS of Affilia<br>University Setting of question<br>UG/PG programs Design and<br>of Curriculum for Add on/ cert<br>Diploma Courses Assessment /<br>process of the affiliating Univer | curriculum<br>the affiliating<br>on the<br>ng the year.<br>ating<br>papers for<br>Development<br>ificate/<br>evaluation | B. Any 3 of the above |  |

| File Description  | Documents        |
|---|------------------|
| Details of participation of<br>teachers in various<br>bodies/activities provided as a<br>response to the metric | <u>View File</u> |
| Any additional information  | <u>View File</u> |

### **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

| 7  |                  |
|--|------------------|
| File Description   | Documents        |
| Any additional information                                 | No File Uploaded |
| Minutes of relevant Academic<br>Council/ BOS meetings      | No File Uploaded |
| Institutional data in prescribed<br>format (Data Template) | <u>View File</u> |

### 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)

### 3

| File Description  | Documents        |
|---|------------------|
| Any additional information  | No File Uploaded |
| Brochure or any other document<br>relating to Add on /Certificate<br>programs | <u>View File</u> |
| List of Add on /Certificate<br>programs (Data Template )                      | <u>View File</u> |

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

### 185

| File Description  | Documents        |
|---|------------------|
| Any additional information  | <u>View File</u> |
| Details of the students enrolled<br>in Subjects related to<br>certificate/Add-on programs | <u>View File</u> |

### **1.3 - Curriculum Enrichment**

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

Our college SSJCET is involving students through NSS, UBA, Departmental student associations which regularly organize curricular, extracurricular and social events including blood donations, tree plantation, cleanliness drives etc. The Students of First Year UG and PG will undergo Student Induction Program (SIP) in which cross-cutting issues like Human Values and Professional Ethics are addressed.

The NSS activities, UBA activities, Swachh Bharath Abhiyan, blood donation, health awareness camps, street plays and rallies on social issues, visits to orphanages and old age homes, help extended to needy people during disasters, especially covid -19 pandemic, flood and droughts etc. are being organized in our SSJCET which play a vital role in promoting inclusive environment towards regional and socioeconomic diversities among students making a positive difference and shaping them into good human being.

To promote gender equity among the students, Institute supports flexible seating arrangements in the class rooms, equal representation of both genders in the leadership positions of class and college level committees, curricular and cocurricular activities. All the necessary requirements for the girl students /lady staff members in the college have been adequately taken care of in the campus. Women grievance cell is established in the institute.

| File Description   | Documents        |
|--|------------------|
| Any additional information   | <u>View File</u> |
| Upload the list and description<br>of courses which address the<br>Professional Ethics, Gender,<br>Human Values, Environment<br>and Sustainability into the<br>Curriculum. | No File Uploaded |

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

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

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

### 149

| File Description   | Documents        |
|--|------------------|
| Any additional information   | No File Uploaded |
| List of programmes and number<br>of students undertaking project<br>work/field work/ /internships<br>(Data Template) | <u>View File</u> |

### 1.4 - Feedback System

| 1.4.1 - Institution obtains feedback on the     | Α. | <b>A11</b> | of | the | above |
|---|----|------------|----|-----|-------|
| syllabus and its transaction at the institution |    |            |    |     |       |
| from the following stakeholders Students        |    |            |    |     |       |
| <b>Teachers Employers Alumni</b>                |    |            |    |     |       |

| File Description  | Documents        |
|---|------------------|
| URL for stakeholder feedback report   | Nil              |
| Action taken report of the<br>Institution on feedback report as<br>stated in the minutes of the<br>Governing Council, Syndicate,<br>Board of Management | <u>View File</u> |
| Any additional information  | No File Uploaded |

| 1.4.2 - Feedback process of the nay be classified as follows  | Institution                      | B. Feedback collected, analyzed and action has been taken   |
|---|----------------------------------|---|
| File Description  | Documents                        |   |
| Upload any additional information   |                                  | <u>View File</u>  |
| URL for feedback report   | http:                            | s://jondhleengg.org/naac.aspx   |
| TEACHING-LEARNING AND   | EVALUATIO                        | N   |
| 2.1 - Student Enrollment and P  | rofile                           |   |
| 2.1.1 - Enrolment Number Nun  | nber of studen                   | ts admitted during the year   |
| 2.1.1.1 - Number of students ad   | lmitted during                   | g the year  |
| 129   |                                  |   |
| File Description  | Documents                        |   |
| Any additional information  |                                  | No File Uploaded  |
|   |                                  |   |
| Institutional data in prescribed format   |                                  | <u>View File</u>  |
| format 2.1.2 - Number of seats filled ag  |                                  | View File<br>served for various categories (SC, ST, OBC,<br>n policy during the year (exclusive of                                    |
| format<br>2.1.2 - Number of seats filled ag<br>Divyangjan, etc. as per applica<br>supernumerary seats)  | ble reservation                  | served for various categories (SC, ST, OBC,   |
| format<br>2.1.2 - Number of seats filled ag<br>Divyangjan, etc. as per applica<br>supernumerary seats)  | ble reservation                  | served for various categories (SC, ST, OBC,<br>n policy during the year (exclusive of   |
| format<br>2.1.2 - Number of seats filled ag<br>Divyangjan, etc. as per applical<br>supernumerary seats)<br>2.1.2.1 - Number of actual stud                            | ble reservation                  | served for various categories (SC, ST, OBC,<br>n policy during the year (exclusive of   |
| format<br>2.1.2 - Number of seats filled ag<br>Divyangjan, etc. as per applicat<br>supernumerary seats)<br>2.1.2.1 - Number of actual stud<br>592                     | ble reservation<br>ents admitted | served for various categories (SC, ST, OBC,<br>n policy during the year (exclusive of   |
| format<br>2.1.2 - Number of seats filled ag<br>Divyangjan, etc. as per applical<br>supernumerary seats)<br>2.1.2.1 - Number of actual stud<br>592<br>File Description | ble reservation<br>ents admitted | served for various categories (SC, ST, OBC,<br>n policy during the year (exclusive of<br>from the reserved categories during the year |

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

At SSJCET, all students are required to attend an Orientation program held on the commencement date of their course. The institute assesses students &learning levels through various means, such as lecture interactions, assignments, internal tests, projects, and end semester examinations. Based on their responses in the classroom and performance in tests and exams, students are categorized as advanced learners or slow learners. To support both advanced learners and slow learners, the institute employs a mentoring system across all departments.

For slow learners, remedial and tutorial programs are arranged outside regular classes. Students are provided with assignments and question banks to enhance their performance, and their corrected answer sheets and assignments are shared with them to identify areas for improvement. Advanced learners are motivated to take part various technical competitions, paper publication, etc. Both advanced learners and slow learners are given equal opportunities to participate in Hackathons and access online learning platforms like Coursera, NPTEL, IIRS-ISRO, EDX, and IITBombayX, where they can enroll in courses and enhance their knowledge. Even slow learners are motivated to take part in internships, which help them gain valuable industrial work experience and improve their skills.

| File Description                      | Documents        |
|---------------------------------------|------------------|
| Paste link for additional information | Nil              |
| Upload any additional information     | <u>View File</u> |

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

| Number of Students | Number of Teachers |  |
|--------------------|--------------------|--|
| 1030               | 81                 |  |

| File Description           | Documents        |
|----------------------------|------------------|
| Any additional information | No File Uploaded |

### 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

At SSJCET institute, the focus lies on student-centric approaches to foster lifelong learning skills among students. To enhance the learning experience, our faculty members employ various methods such as lectures, interactive sessions, project-based learning, computer-assisted learning, and experimental techniques.

Student-centric methods encompass Experiential Learning, Participative Learning, and Problem-solving Methodology. Experiential learning is facilitated through mini projects, major projects, field projects, and industry internships during summer and winter sessions. In Participative Learning, faculty members engage students effectively by encouraging their active involvement in role plays, debates, group discussions, seminars, workshops, and group work. Management courses, in particular, adopt role play methods to promote participative learning. We also motivate students to participate in NSS (National Service Scheme) activities, such as village adoption, camps, surveys, and tree plantations, blood donations, visit to orphanages etc. Furthermore, we organize guest lectures by industry experts and educationalists to enrich the teaching process and offer experiential learning opportunities. Problem-solving methodologies are also integral to our approach. Assignments are given at the end of each module, and quizzes and case studies are used to improve students & problem-solving abilities. Case studies are especially emphasized in management programs, as they develop students &logical thinking and practical knowledge to solve realworld problems.

| File Description                  | Documents        |
|-----------------------------------|------------------|
| Upload any additional information | <u>View File</u> |
| Link for additional information   | Nil              |

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

SSJCET is well-equipped with a range of ICT-enabled tools, including projectors, desktops, laptops, printers, scanners, photocopier machines, and smart boards, strategically placed at prominent locations. Moreover, the entire campus boasts a highspeed internet connection. During the COVID pandemic period, lectures were seamlessly conducted through online platforms like Zoom and Google Meet, ensuring flexibility and easy accessibility for students.

For practical sessions, lab manuals and study materials were conveniently shared with students via email and Google Drive links. Virtual labs were conducted during pandemic. Students were also granted access to the National Digital Library of India (NDLI) and other essential tools like Sci-LAB, MATLAB, SIMULINK, Annual Quality Assurance Report of SHIVAJIRAO S. JONDHLE COLLEGE OF ENGINEERING & TECHNOLOGY

Packet Tracer, and various online open-source resources, facilitating the smooth conduct of practical exercises. To comply with university guidelines, online examinations were conducted using Google Forms. Advanced measures were taken for end semester examinations, with question papers sent securely online and the usage of CCTV surveillance for computers. Additionally, online centralized assessment for First and Final year answer books is made available in the college. The institution streamlined the administration for student development training programs through the use of Google Forms for registration, attendance, and feedback collection. Both faculty and students actively engaged in MOOC platforms like Swayam-NPTEL, Coursera, IIRS-ISRO, IITBombayX, Edx, etc.

| File Description   | Documents        |
|--|------------------|
| Upload any additional information  | <u>View File</u> |
| Provide link for webpage<br>describing the ICT enabled tools<br>for effective teaching-learning<br>process | No File Uploaded |

# **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

77

| File Description   | Documents        |
|--|------------------|
| Upload, number of students<br>enrolled and full time teachers<br>on roll | No File Uploaded |
| Circulars pertaining to assigning mentors to mentees                     | <u>View File</u> |
| Mentor/mentee ratio  | No File Uploaded |

### 2.4 - Teacher Profile and Quality

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

| File Description   | Documents        |
|--|------------------|
| Full time teachers and<br>sanctioned posts for year (Data<br>Template) | <u>View File</u> |
| Any additional information   | No File Uploaded |
| List of the faculty members<br>authenticated by the Head of<br>HEI     | No File Uploaded |

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

| 7   |                  |
|---|------------------|
| File Description  | Documents        |
| Any additional information  | <u>View File</u> |
| List of number of full time<br>teachers with Ph. D. / D.M. /<br>M.Ch./ D.N.B Super specialty /<br>D.Sc. / D.Litt. and number of<br>full time teachers for year (Data<br>Template) | <u>View File</u> |

# **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

### 501

| File Description  | Documents        |
|---|------------------|
| Any additional information  | No File Uploaded |
| List of Teachers including their<br>PAN, designation, dept. and<br>experience details(Data<br>Template) | <u>View File</u> |

### 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.

SSJCET diligently adheres to all the reforms prescribed by the University of Mumbai. In line with the university calendar, the institute prepares its Academic calendar, which includes scheduled dates for internal assessment tests, term work submissions, and oral/practical examinations, end sem exam commencement etc. The Academic calendar is made available well in advance of the semesterscommencement through the college website and is also displayed on departmental Notice Boards. The internal assessment comprises term work assessment and internal tests, both of which hold separate weightage as per the University of Mumbai'ssyllabus scheme.

For engineering courses, in most subjects, 80: 20 pattern is followed except few subjects, in which 60: 15 is being followed. For MMS, as per university, 60: 40 pattern is followed. During the online mode, internal tests were conducted using Google Forms, encompassing multiple-choice questions as well as descriptive questions. The results of these tests are promptly shared with the students to keep them informed of their performance. During pandemic students submitted their term work through Google Forms. Oral/practical examinations were conducted through online platforms like Google Meet and Zoom meetings. As the pandemic situation improved, all examinations were subsequently conducted in physical mode to ensure a comprehensive evaluation process.

| Documents        |
|------------------|
| <u>View File</u> |
| Nil              |
|                  |

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

• The institute has a dedicated Grievance Redressal Cell responsible for handling internal examination-related grievances. The teacher who evaluates the answer sheets distributes them to the students for review and collect back after the review. This allows students to review their performance and seek clarifications if needed. The teacher responsible for evaluating the answer sheets addresses any clarifications or grievances raised by the students. Students can approach the teacher to seek explanations or resolutions for any concerns related to their marks. The internal marks awarded to students are displayed on the notice board.

- If any discrepancies such as mistakes in the question paper, mark allocation, or corrections are identified by the students, the concerned teacher takes necessary steps to resolve the issue and make the required corrections. If a student is not satisfied with the marks awarded even after clarification by the teacher, they have the option to represent the matter to the Head of the Department (HOD) concerned. Such representations are taken seriously and addressed in a positive manner. If necessary, the representation by the student is reassessed by another teacher to ensure fairness and objectivity in evaluating the marks.
- Retests are only allowed for the genuine cases as per the university guidelines.
- Each department maintains records of students & internal performance.

| Documents        |
|------------------|
| <u>View File</u> |
| Nil              |
|                  |

### 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 program and course outcomes (PO/ CO) are clearly stated and displayed on the institutions website. The Course objectives and Course outcomes are available in the syllabus of each subject which are given by UoM.
- The orientation program in each subject for the concerned faculty members held at the university level during the revision of the syllabus provide an excellent opportunity to discuss and communicate the course objectives and outcomes clearly. By involving the Chairman, Board of Studies, and subject committees in the communication of course objectives and outcomes, the university ensures that the information is shared by relevant and knowledgeable authorities.
- Effectively communicating the program and course outcomes to students at the beginning of each course or program is an important practice to ensure that students are well-informed about the learning objectives and what they are expected to achieve.
- Feedback from students, teachers, and other stakeholders is

collected and utilized to enhance the course outcomes over time.

• The assessment methods and criteria used in evaluating students performance are aligned with the stated program and course outcomes. This ensures that the assessment process accurately measures the extent to which students have achieved the desired outcomes.

| File Description   | Documents                             |
|--|---------------------------------------|
| Upload any additional information                          | No File Uploaded                      |
| Paste link for Additional information                      | https://jondhleengg.org/aqar2122.aspx |
| Upload COs for all Programmes<br>(exemplars from Glossary) | <u>View File</u>                      |

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

- College is affiliated to University of Mumbai and hence the curriculum, academic calendar etc. are followed as per the University. Program outcomes (PO), Program specific Outcomes (PSO), course outcomes ae well defined and displayed.
- A correlation is established between CO and POs; COs & PSOs on the scale of 1 to 3, 1 being slight (low), 2 being moderate (Medium) and 3 being substantial (High)
- A mapping matrix of CO, PO and PSO is prepared in this regard in each subject.
- Direct tools like unit tests, Assignments, practicals, tutorials, seminars, project work, university theory, oral exams, etc. are used for the evaluation of course outcomes (COs).
- POs and PSOs are evaluated by using the target values of COs as well as indirect tools like surveys from alumni, employers, parents, teachers, and students, etc.
- Attainment of all outcomes is calculated and compared with the expected level of attainment as decided by IQAC
- If attainment comes up to the expectation, then the new target will be set for next semester and if it is not satisfying the expected attainment level, then necessary corrective actions are to be initiated and implemented with immediate effect.

| File Description                      | Documents                         |
|---------------------------------------|-----------------------------------|
| Upload any additional information     | <u>View File</u>                  |
| Paste link for Additional information | https://jondhleengg.org/naac.aspx |

### 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

### 336

| File Description  | Documents        |
|---|------------------|
| Upload list of Programmes and<br>number of students passed and<br>appeared in the final year<br>examination (Data Template) | <u>View File</u> |
| Upload any additional information   | No File Uploaded |
| 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://jondhleengg.org/Documents/SSS 2122.pdf

### **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)

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

### 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

2

| File Description                        | Documents        |
|---|------------------|
| Any additional information              | <u>View File</u> |
| Institutional data in prescribed format | <u>View File</u> |

# 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 nongovernment agencies during the year

0

| File Description  | Documents        |
|---|------------------|
| List of research projects and funding details (Data Template) | <u>View File</u> |
| Any additional information                                    | No File Uploaded |
| Supporting document from<br>Funding Agency                    | No File Uploaded |
| 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

The institute created conducive environment, for promoting Research and encouraging Innovation. The Institution provides complimentary atmosphere, infrastructure, resources for improving capabilities of students and teachers in research and innovative activities. Students are encouraged to understand the various problems faced by the society and find out solutions for them. Institute has established a research cell to create research culture among faculty members and students.

The committee functions with the following objectives. ? To motivate staff and students for conducting research and to encourage faculty members to pursue Ph.D. program ? To enhance quality of research publications by faculty and students and publication in indexed journals ? To encourage the faculty members to apply for grants from UGC, Government and non-Government institutions for conducting seminars and workshops. ? To encourage the faculty members to apply for major and minor research projects from UGC, Government and Non-Government institutions. ? To encourage departments to sign MOUs with different organizations for promotion of collaborative research. ? To encourage multidisciplinary research by the publication of multidisciplinary research journals ? To encourage faculty members, research scholars and PG students to present papers in National and International Seminars and Conferences.

? To encourage teachers and students to use online resources such as inflibnet, shodhganga, Delnet, National Digital Library etc. subscribed by the college. ? To maintain ethical standards in research, and use of plagiarism checking softwares. ? To make aware the faculty, students and Research Scholars about the patent, IPR, research ethics and plagiarism.

| File Description                      | Documents        |
|---------------------------------------|------------------|
| Upload any additional information     | <u>View File</u> |
| Paste link for additional information | Nil              |

**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

| File Description   | Documents        |
|--|------------------|
| Report of the event  | <u>View File</u> |
| Any additional information   | No File Uploaded |
| List of workshops/seminars<br>during last 5 years (Data<br>Template) | <u>View File</u> |

### **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

4

| File Description  | Documents        |
|---|------------------|
| URL to the research page on HEI website   | Nil              |
| List of PhD scholars and their<br>details like name of the guide ,<br>title of thesis, year of award etc<br>(Data Template) | <u>View File</u> |
| Any additional information  | <u>View File</u> |

**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

31

| File Description  | Documents        |
|---|------------------|
| Any additional information  | No File Uploaded |
| List of research papers by title,<br>author, department, name and<br>year of publication (Data<br>Template) | <u>View File</u> |

**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

| 2 |  |
|---|--|
| 4 |  |
|   |  |

| File Description  | Documents        |
|---|------------------|
| Any additional information  | <u>View File</u> |
| List books and chapters edited<br>volumes/ books published (Data<br>Template) | <u>View File</u> |

### **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

For the purpose of educating students about social concerns and fostering their overall development and becoming more aware of social issues, SSJCET encourages extension activities in the local community. This will alter students' perspectives and cultivate leadership skills. The college often conducts outreach programmes in tribal communities, adopted communities, and underprivileged areas of society. The Institute conducted Health awareness programs like, street play on healthy eating habits, vaccination drive, blood donation &general health check-up, ENT Health Checkup, international yoga day. SSJCET also conducted events for environmental and social awareness like tree plantation, cleaning drive at Mauli Fort and Ganesh Mandir, rally on 'Green India, Clean India'. For women empowerment we conducted programs like 'Training in Self Defence'. SSJCET has adopted five nearby villages for rural development under UBA. All of the aforementioned activities are conducted by our NSS unit, Unnat Bharat Abhiyan (UBA) and various departmental Students' Associations. Such Social activities develop social skills and empathy among students and help prepare them for their life later. During AY 2021-22, due to covid pandemic all activities were through online mode in the first half of AY 2021-22 and in the second half the activities were regular.

| File Description                      | Documents        |
|---------------------------------------|------------------|
| Paste link for additional information | Nil              |
| Upload any additional information     | <u>View File</u> |

**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

1

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

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

12

| File Description   | Documents        |
|--|------------------|
| Reports of the event organized   | <u>View File</u> |
| Any additional information   | No File Uploaded |
| Number of extension and<br>outreach Programmes conducted<br>with industry, community etc<br>for the during the year (Data<br>Template) | <u>View File</u> |

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

| File Description  | Documents        |
|---|------------------|
| Report of the event   | <u>View File</u> |
| Any additional information  | No File Uploaded |
| Number of students<br>participating in extension<br>activities with Govt. or NGO etc<br>(Data Template) | <u>View File</u> |

### **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

### 149

| File Description  | Documents        |
|---|------------------|
| e-copies of related Document  | <u>View File</u> |
| Any additional information  | No File Uploaded |
| Details of Collaborative<br>activities with<br>institutions/industries for<br>research, Faculty | <u>View File</u> |

**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

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

### 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.

SSJCET has got well-established facilities and infrastructure that meets the requirements of AICTE, DTE, and UoM. The emphasis is given on creating a conducive environment for holistic development.

- Spacious and Well-Furnished Classrooms: The institute provides spacious, well-ventilated, and well-furnished classrooms that meet the norms set by AICTE. These classrooms offer a comfortable learning environment for students, ensuring they have an appropriate space for academic activities.
- Tutorial Rooms: Adequate tutorial rooms are available to facilitate various activities such as completing assignments, project discussions, and seminars. These rooms provide a suitable setting for interactive sessions and collaborative learning.
- 3. Well-Equipped Laboratories: Every department in the institute has well-equipped laboratories that comply with AICTE and university norms. The laboratories provide sufficient space and necessary equipment for students to actively participate in practical sessions. Displayed charts and models further enhance students' understanding of the practical aspects of their studies.
- 4. Clean, Green, Safe, and Secure Campus: SSJCET maintains a clean, green, safe, and secure campus, ensuring a conducive learning environment for students. The sprawling 10-acre campus provides ample space for students to engage in academic and extracurricular activities.
- 5. Infrastructure Compliance: The institute's management ensures that the physical infrastructure meets the norms specified by AICTE, considering the requirements for both undergraduate (UG) and postgraduate (PG) programs. This commitment to infrastructure compliance ensures that students have access to the necessary facilities for their academic pursuits.

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

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

- Fitness Gymnasium and Recreation Centre: SSJCET has a fitness gymnasium with multi-facilities, allowing students to prioritize physical fitness and incorporate it into their daily lives.
- 2. Sports Activities and Playground: The institute has a dedicated playground with facilities for games such as volleyball, cricket, badminton, and facilities for indoor games like table tennis, chess and carrom. This encourages students to engage in physical activities, develop their sporting skills, and foster team spirit.
- 3. Sports Week and Cultural Events: SSJCET organizes an annual Sports Week during the break between university theory examinations and the commencement of the even semester, in the month of January. This allows students to participate in sports activities without disrupting their academic schedules.
- 4. Intercollegiate Competitions: Students are motivated and encouraged to participate not only in college-level events but also in intercollegiate competitions conducted by the University of Mumbai (UOM).
- 5. Celebrations and Special Events: SSJCET celebrates various events and festivals, including International Yoga Day, Flag Hoisting on Independence Day, Republic and Maharashtra Day, the celebrations like Teachers Day, Engineers Day, Marathi Bhasha Day, Shiv Jayanti, Women's Day, Navratri festival, Fresher's program, and Farewell Function for final-year students etc.

By offering facilities for physical fitness, organizing sports events, cultural gatherings, and participating in intercollegiate competitions, SSJCET encourages students to explore their talents beyond academics. These extracurricular activities contribute to their overall development, foster a sense of camaraderie, and promote a well-rounded educational experience.

| File Description                      | Documents        |
|---------------------------------------|------------------|
| Upload any additional information     | <u>View File</u> |
| Paste link for additional information | Nil              |

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

31

| File Description   | Documents        |
|--|------------------|
| Upload any additional information  | No File Uploaded |
| Paste link for additional information  | Nil              |
| Upload Number of classrooms<br>and seminar halls with ICT<br>enabled facilities (Data<br>Template) | <u>View File</u> |

**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)** 

### 164

| File Description   | Documents        |
|--|------------------|
| Upload any additional information  | No File Uploaded |
| Upload audited utilization statements  | <u>View File</u> |
| Upload Details of budget<br>allocation, excluding salary<br>during the year (Data Template | <u>View File</u> |

### 4.2 - Library as a Learning Resource

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

SSJCET has got a very spacious library with sufficient titles and volumes of books on Engineering, Science, Mathematics, Management,

Annual Quality Assurance Report of SHIVAJIRAO S. JONDHLE COLLEGE OF ENGINEERING & TECHNOLOGY

### Humanities, etc.

- Extensive Collection: The library houses a vast collection of books with sufficient volumes and titles, covering various subjects and disciplines. This ensures that students and faculty have access to a comprehensive range of study materials.
- Journals and e-resources: SSJCET library subscribes to both international and national journals, including printed and online journals. The library also provides access to e-books and online courses through platforms like NPTEL.
- Library Software: The library utilizes user-friendly software called SLIM21, designed to operate in a clientserver environment. This software enhances the library's management processes and facilitates efficient access to resources.
- Computers and E-learning: The library is equipped with an adequate number of computers, fulfilling the specifications required for e-learning. This allows students and faculty to access online resources, digital materials, and participate in e-learning activities.
- Regular Procurement: The library regularly procures national and international journals, daily newspapers, periodicals, and other relevant resources to stay updated with the latest knowledge and information.
- Book Requirement Process: At the beginning of each semester, the library takes book requirement inputs from students and faculty across all departments. Based on the feedback, the necessary books are procured to meet the academic needs of the institute.
- National Digital Library (NDL) Membership: The library holds institutional membership with the National Digital Library (NDL), providing users with access to a vast digital collection of academic resources.

| File Description   | Documents        |
|--|------------------|
| Upload any additional information  | <u>View File</u> |
| Paste link for Additional<br>Information   | Nil              |
| 4.2.2 - The institution has subscription for the A. Any 4 or more of the above following e-resources e-journals e- |                  |

ShodhSindhu Shodhganga Membership e-

### books Databases Remote access toe-resources

| File Description  | Documents        |
|---|------------------|
| Upload any additional information   | <u>View File</u> |
| Details of subscriptions like e-<br>journals,e-ShodhSindhu,<br>Shodhganga Membership etc<br>(Data Template) | <u>View File</u> |

**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)

### 345402

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

**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

55

| File Description                                  | Documents        |
|---|------------------|
| Any additional information                        | No File Uploaded |
| Details of library usage by teachers and students | No File Uploaded |

### 4.3 - IT Infrastructure

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

SSJCET is well-equipped with a comprehensive computing facility that caters to the needs of students, faculty, and administrative staff.

- Computers and Laptops: The institute has a total of 533 machines, including both computers and laptops. These are distributed among all departmental and administrative staff, ensuring easy access to computing resources.
- Computer Centre: SSJCET has a dedicated Computer Centre equipped with 60 PCs. This facility serves as a hub for various computer-related activities and provides a centralized computing resource for students and faculty.
- 3. Specialized Language Laboratory: The institute houses a specialized Language Laboratory, equipped with necessary hardware and software to enhance language learning and communication skills.
- P.G. Lab: Each branch at SSJCET has a separate Postgraduate (P.G.) Lab with 20 PCs. These labs cater specifically to the needs of postgraduate students.
- 5. Library: The library is equipped with computers that allow students to browse national and international e-journals, enhancing their research and study capabilities.
- 6. Wi-Fi Facility: SSJCET provides Wi-Fi facilities throughout the campus, enabling students to access the internet for academic, co-curricular, and extracurricular activities.
- 7. Administrative Office: The administrative office is equipped with adequate computers, enabling efficient service delivery to students and staff. Additionally, CCTV systems further supports the administrative operations.
- Internet Connectivity: The institute has a sufficient internet capacity. This facilitates research, online learning, and access to various online resources.

The computing facility at SSJCET ensures that faculty members, students, and administrative staff have easy access to computers, internet connectivity, and specialized software and resources.

| File Description                      | Documents        |  |
|---------------------------------------|------------------|--|
| Upload any additional information     | No File Uploaded |  |
| Paste link for additional information | Nil              |  |
| 4.3.2 - Number of Computers           |                  |  |
| 533                                   |                  |  |

| File Description                    | Documents              |
|-------------------------------------|------------------------|
| Upload any additional information   | <u>View File</u>       |
| List of Computers                   | No File Uploaded       |
| <b>133</b> Bandwidth of internet co | nnection in A 2 50MBDS |

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

A. ? 50MBPS

| File Description   | Documents        |
|--|------------------|
| Upload any additional<br>Information   | No File Uploaded |
| Details of available bandwidth<br>of internet connection in the<br>Institution | <u>View File</u> |

# 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)** 

## 2423087

| File Description   | Documents        |
|--|------------------|
| Upload any additional information  | No File Uploaded |
| Audited statements of accounts   | <u>View File</u> |
| Details about assigned budget<br>and expenditure on physical<br>facilities and academic support<br>facilities (Data Templates) | <u>View File</u> |

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.

SSJCET has well-established systems and procedures in place to ensure the effective maintenance and utilization of various physical, academic, and support facilities.

 Laboratory Facilities: The institute maintains well-equipped laboratories that meet the requirements of the respective disciplines. There are systems in place for the regular maintenance and calibration of laboratory equipment.

- 2. Library Management: The library follows standardized systems and procedures for the acquisition, cataloguing, and organization of books, journals, and other resources. The library software, such as SLIM21, facilitates efficient management of library resources, including circulation, search, and retrieval. Regular procurement of books, journals, and digital resources are done to keep the library collection up-to-date.
- 3. Sports and Recreation Facilities: SSJCET has got sports& recreational facilities. A Physical Instructor is appointed to ensure the facilities available and for smooth functioning.
- 4. Computer and IT Facilities: The institute has a well-defined system for the management and maintenance of computer facilities, including computer labs, Wi-Fi connectivity, and specialized software. Regular updates, maintenance, and troubleshooting are conducted to ensure smooth functioning and availability of IT resources.
- 5. Classroom Management: SSJCET follows procedures to manage and allocate classrooms effectively. The availability of spacious, well-ventilated, and properly furnished classrooms is ensured to create a suitable learning environment. Classroom schedules and arrangements are planned to accommodate the requirements of different courses and activities.
- 6. Facility Utilization and Maintenance: Maintenance, service and repair activities are carried out regularly to ensure the proper functioning and upkeep of physical facilities. This includes infrastructure inspections, facility upgrades, and addressing maintenance issues promptly.

| File Description                      | Documents        |
|---------------------------------------|------------------|
| Upload any additional information     | No File Uploaded |
| 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**

## 715

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

**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 benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

| File Description  | Documents                               |  |  |  |
|---|---|--|--|--|
| Upload any additional information   | <u>View File</u>                        |  |  |  |
| Number of students benefited by<br>scholarships and free ships<br>institution / non- government<br>agencies in last 5 years (Date<br>Template)  | <u>View File</u>                        |  |  |  |
| 5.1.3 - Capacity building and sk<br>enhancement initiatives taken b<br>institution include the following<br>Language and communication s<br>skills (Yoga, physical fitness, he<br>hygiene) ICT/computing skills | by the<br>g: Soft skills<br>skills Life |  |  |  |

| File Description  | Documents                    |
|---|------------------------------|
| Link to Institutional website   | https://www.jondhleengg.org/ |
| Any additional information  | <u>View File</u>             |
| Details of capability building<br>and skills enhancement<br>initiatives (Data Template) | <u>View File</u>             |

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

52

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

| File Description  | Documents        |
|---|------------------|
| Any additional information  | <u>View File</u> |
| Number of students benefited by<br>guidance for competitive<br>examinations and career<br>counseling during the year (Data<br>Template) | <u>View File</u> |

| 5.1.5 - The Institution has a transparent     | в. | Any | 3 | of | the | above |  |
|---|----|-----|---|----|-----|-------|--|
| 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                |    |     |   |    |     |       |  |

| File Description   | Documents        |
|--|------------------|
| Minutes of the meetings of<br>student redressal committee,<br>prevention of sexual harassment<br>committee and Anti Ragging<br>committee | <u>View File</u> |
| Upload any additional information  | No File Uploaded |
| Details of student grievances<br>including sexual harassment and<br>ragging cases  | No File Uploaded |

# **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

## 52

| File Description  | Documents        |
|---|------------------|
| Self-attested list of students placed                           | <u>View File</u> |
| Upload any additional information                               | <u>View File</u> |
| Details of student placement<br>during the year (Data Template) | <u>View File</u> |

# 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

# 8

| File Description                                   | Documents        |
|--|------------------|
| Upload supporting data for student/alumni          | No File Uploaded |
| Any additional information                         | <u>View File</u> |
| Details of student progression to higher education | <u>View File</u> |

# **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

#### 09

| File Description  | Documents        |
|---|------------------|
| Upload supporting data for the same   | <u>View File</u> |
| Any additional information  | No File Uploaded |
| Number of students qualifying<br>in state/ national/ international<br>level examinations during the<br>year (Data Template) | <u>View File</u> |

# **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.

#### 0

| File Description   | Documents        |
|--|------------------|
| e-copies of award letters and certificates   | No File Uploaded |
| Any additional information   | No File Uploaded |
| Number of awards/medals for<br>outstanding performance in<br>sports/cultural activities at unive<br>rsity/state/national/international<br>level (During the year) (Data<br>Template) | <u>View File</u> |

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

The student council is constituted every year at the beginning of academic year following the University of Mumbai guidelines. The student council plays a significant role in conducting Co-

curricular and Extracurricular activities related to cultural, sports and technical events at college level. Apart from this, every Department has constituted Departmental Student association along with faculty coordinator for smooth functioning of all activities such as Guest lectures by experts, Seminars, Workshops, industrial visits, placement activities, sports, technical and cultural festivals etc. Some of the major events which are organised annually along with the involvement of students are technical festival known as Techblizz, Annual Sports and Nakshatra (Annual Day Celebration) etc. These kinds of activities help our students to improve their leadership qualities, team work ability, communication skill, which lead to have a holistic personality development of students. The student associations are also taking initiative to celebrate important days like National Festivals, Birth/Death Anniversaries of great leaders, International Women's Day, International Yoga Day, Teachers Day, Engineers Day, Republic Day, Maharashtra Day, etc. The following is the list of Committees having student representation and engagement.

? College Development Cell ? Students' Council ? Departmental Students' Association ? Training and Placement Committee ? Sports Committee ? Cultural Committee ? Internal Quality Assurance Cell ? Women Development Cell ? Anti-Ragging Committee ? Grievance Redressal Committee ? SC/ST/ OBC/ Minority committee ? National Service Scheme (NSS) ? Unnat Bharat Abhiyan (UBA)

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

**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

| File Description   | Documents        |
|--|------------------|
| Report of the event  | No File Uploaded |
| Upload any additional information  | No File Uploaded |
| Number of sports and cultural<br>events/competitions in which<br>students of the Institution<br>participated during the year<br>(organized by the<br>institution/other institutions<br>(Data Template) | <u>View File</u> |

#### 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

SSJCET organizes the reunion event for the alumni every year. Alumni meetings are organized every year to bring together alumni community. During the meets alumni are informed about the progress happening in the institute. Every department maintains strong association with their alumni. Alumni guides students for preparation related to Training and Placement, competitive exams, opportunities of jobs in various sectors, entrepreneurship etc. also they help to organize seminar, workshop, guest lecturers, online webinars to give industrial exposures about current requirement of industries. The Alumni organizes various activities for our students such as expert lectures, hands on training, personality development, internship programs, preplacement talks, motivational talks, etc. Over the years it has been helping in holding interactive sessions to motivate students regarding social responsibilities and career counselling. The alumni also help the institution by influencing industries and other agencies in getting placements assistance for the institution.

Some of our Alumni have established start-ups in different sectors, they enlighten the students with their success stories and challenges faced. Activities and Suggestions

- Alumni are included as members in the in the various committees like Students' Council, Training & placement committee, Institute Advisory Committee, Departmental Advisory Committee, IQAC, etc.
- They are invited for meetings held at our college and they interact with their teachers and express their suggestions

on various aspects like curriculum revision, placement improvement strategies, admission improvement strategies etc.

 Our Alumni gave Guest lecturers to the current students on some contemporary technological developments and career quiding focuses.

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

# **5.4.2** - Alumni contribution during the year

E. <1Lakhs

(INR in Lakhs)

| 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

Vision: Grounded by value centered education, research guidance and services to become a leading center for professional courses; recognized nationally and internationally for its excellence. Mission: • To educate and nurture students, to create knowledge and to provide service to our industry and society. • Committed to excellence and strive to develop future leaders of our nation and world and to provide opportunities to reach excellence and enable the students to develop their inner potential.

Quality policy: To provide excellent quality education, continuous improvement in educational processes & strive to raise satisfaction level of stake holders.

Our institute has a well-structured participatory mode of governance to ensure the delivery of value-based education. The institution involves various stakeholders in decision-making processes. This includes representatives from college management, the principal, administrators, academicians, industry professionals, and faculty members. Their active participation in Governing Body meetings and College Development committee meetings indicates a collaborative approach to policy-making and planning. Through these participatory meetings, the stakeholders work together to prepare policy statements and action plans aligned with Vision and mission of the college with an aim to impart quality education integrated with human values. The institution communicates its vision and mission to stakeholders through various channels, such as display on various locations in the institute, notice boards, the official website, etc. The heads of various Departments, Coordinators, and Section In-Charges etc. play significant roles in shaping institutional policies and ensuring their implementation.

| File Description                      | Documents        |
|---------------------------------------|------------------|
| Paste link for additional information | Nil              |
| Upload any additional information     | <u>View File</u> |

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

The institution promotes a culture where decision-making is decentralized, and various stakeholders, including faculty members, actively participate in the process. The institution has established several committees focused on quality improvement which take care of diversified areas of college.

Some of these include the College Development Committee (CDC), Internal Quality Assurance Cell (IQAC), Examination Cell, Training and Placement Cell, Grievance Redressal Committee, Anti-ragging Committee, and Women Development Cell.

In the beginning of academic session, Principal conducts meetings with various heads/ section heads and discuss the schedule of the curricular, co-curricular, extra-curricular activities based on the calendar received from the university.

In the beginning of each academic year, Principal, as the chairperson of each committee, along with committee members, defines the roles and responsibilities of each committee.

Some of the important committees/cells are CDC, IQAC, Examination Cell, Training and Placement Cell, Grievance Redressal Committee, anti-ragging committee, Women development Cell etc. IQAC Annual Quality Assurance Report of SHIVAJIRAO S. JONDHLE COLLEGE OF ENGINEERING & TECHNOLOGY

coordinator in consultation with principal devises the various mechanisms for the quality improvement among staff and students.

The assessments like Oral, Practicals, and Term work etc. are decentralized at Departmental level. Department Head empowers the respective faculty members to smoothly conduct these assessments. Each department has also its own student association committee to organise co-curricular and extra-curricular activities at the department level.

| File Description                      | Documents                            |
|---------------------------------------|--------------------------------------|
| Paste link for additional information | https://jondhleengg.org/default.aspx |
| Upload any additional information     | <u>View File</u>                     |

#### 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Various strategic/ perspective plans suggested:

- Improvement in the admission
- To obtain NBA Accreditation for all the eligible programs
- Improvement in the employability skills of the students and placement
- Starting new Courses in Engineering aligned with industry demands
- Strengthen Industry institute interaction
- Encourage the participation of students in the co-curricular activities
- Career advancement of staff
- Updating and upskilling of faculty members
- Paper Publications in reputed journals and conferences by staff and students
- Establishment of Centre of excellence
- Bringing Research culture among staff and students
- Encouraging more alumni interaction and motivate the students

To make students more employable, strategies are made to encourage the student participation on skill-based courses. Since covid pandemic started since March 2020 and the teaching-learning was completely on virtual mode, the students were encouraged to do more online programs through AICTE, NPTEL/ SWAYAM/ MOOCS, free course like Spring board courses by DTE in collaboration with Infosys, ISRO- IIRS courses, campus connect programs through coursera and edx etc.

Most of the students come from the low-income group of rural and tribal areas. They find difficult to pay the fees on time and hence the payment is accepted in instalments. During covid period the fee relaxation was also given to genuine and needy students.

| File Description                                       | Documents        |
|--|------------------|
| Strategic Plan and deployment documents on the website | No File Uploaded |
| Paste link for additional information                  | Nil              |
| Upload any additional information                      | <u>View File</u> |

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.

SSJCET has formed various committees at institute and department level for the effective functioning of the organization. The objectives and functions of the committees are well defined for proper implementation.

| File Description   | Documents   |
|--|---|
| Paste link for additional information  | Nil   |
| Link to Organogram of the institution webpage  | https://jondhleengg.org/Documents/NAAC_org<br>anogram.pdf |
| Upload any additional information  | <u>View File</u>  |
| 6.2.3 - Implementation of e-gov<br>areas of operation Administrat<br>and Accounts Student Admissio | ion Finance   |

**Support Examination** 

| File Description   | Documents        |
|--|------------------|
| ERP (Enterprise Resource<br>Planning)Document  | <u>View File</u> |
| Screen shots of user inter faces   | No File Uploaded |
| Any additional information   | No File Uploaded |
| Details of implementation of e-<br>governance in areas of<br>operation, Administration<br>etc(Data Template) | <u>View File</u> |

#### **6.3 - Faculty Empowerment Strategies**

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

 Support to staff for attending Seminars, workshops, conferences, Faculty Development programs etc.

- 2. Support to staff for higher education / Research
- 3. Leave on duty
- 4. Employee Provident Fund (EPF)
- 5. Medical Insurance
- 6. Outdoor & Indoor games facility
- 7. Maternity leave for women staff members
- 8. Leave as per norms for all staff members
- 9. Back up facility, wi-fi facility
- 10. Canteen

| File Description                      | Documents        |
|---------------------------------------|------------------|
| Paste link for additional information | Nil              |
| Upload any additional information     | <u>View File</u> |

**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

| File Description   | Documents        |
|--|------------------|
| Upload any additional information  | No File Uploaded |
| Details of teachers provided<br>with financial support to attend<br>conference, workshops etc<br>during the year (Data Template) | <u>View File</u> |

**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

| 5   |                  |  |
|---|------------------|--|
| File Description  | Documents        |  |
| Reports of the Human Resource<br>Development Centres<br>(UGCASC or other relevant<br>centres).  | No File Uploaded |  |
| Reports of Academic Staff<br>College or similar centers   | No File Uploaded |  |
| Upload any additional information   | <u>View File</u> |  |
| Details of professional<br>development / administrative<br>training Programmes organized<br>by the University for teaching<br>and non teaching staff (Data<br>Template) | <u>View File</u> |  |

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

59

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

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

The performance of each employee is assessed annually after completion of one year of service. Self-appraisal form is prepared with the categories like Teaching-Learning and Evaluation related activities , the responsibilities carried out for the Co-Curricular, extracurricular, Extension and Professional Development related activities and Research Publications & Academic Contributions etc. The objective is not only to objectively evaluate the performance as per established norms, but also to identify potential aspects for improvement that can eventually lead to further progress and growth of the employee. The institute undertakes a wide range of activities besides academics, for which faculty members are assigned additional duties and responsibilities. Self-appraisal form is circulated among all staff at the end of each academic year and gets filled by each faculty member. This is being is checked and verified by the respective Head of the Departments, followed by the IQAC coordinator and principal.

| File Description                      | Documents        |
|---------------------------------------|------------------|
| Paste link for additional information | Nil              |
| Upload any additional information     | <u>View File</u> |

# 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

Internal and external audit are conducted yearly. External audit is conducted once in every year by an external agency.

Before the commencement of every financial year, principal submits a proposal on budget allocation, by considering the recommendations made by the heads of all the departments, to the management. College budget includes recurring expenses such as salary, electricity, internet charges, maintenance cost, stationery, other consumable charges etc., and non - recurring expenses like lab equipment purchases, furniture and other development expenses. The expenses will be monitored by the accounts department as per the budget allocated by the management. The depreciation costs of various things purchased in the preceding years are also worked out

The college's accounts undergo regular audits by a chartered accountant in compliance with government regulations. The auditor ensures that all payments are appropriately authorized. Following the audit, a report is submitted to the management for review. Any audit-related queries are promptly addressed with supporting documents within the specified timeframes. Audit reports reflect the institution's commitment to financial transparency and discipline to prevent misappropriation of funds or assets. The audited statement is duly signed by the management authorities and the chartered accountant.

Tally ERP software is used for the accounts related functions in order to achieve paperless office and for reliability.

Internal academic audit is also being conducted annually to enhance the quality of teaching-learning process.

| File Description                      | Documents        |
|---------------------------------------|------------------|
| Paste link for additional information | Nil              |
| Upload any additional information     | <u>View File</u> |

**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)

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

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

The Institution is a self-financed institution, where the funds are generated through tuition fee, admission fee, etc. collected from students. The fee structure adheres to the guidelines set by the State fee regulatory authority (FRA).

During the budget preparation, all academic and section heads are requested to submit their annual budget requirements, prioritizing the development and updating of laboratories, computing facilities, library, teaching-learning processes, training, cocurricular, extra- curricular, extension activities, and software etc. The budget estimations are then collected and a comprehensive budget is prepared.

As part of our social responsibility, funds are also allocated for social service activities. The budget undergoes scrutiny and approval by the College Development Cell (CDC) and Governing Council (GC) each year.

A significant portion of the funds is allocated to ensure effective teaching-learning practices, which includes organizing Faculty Development Programs (FDPs), orientation programs, workshops, interdisciplinary activities, and training programs, all aimed at ensuring quality education.

Moreover, funds are designated to cover day-to-day operational and administrative expenses as well as the maintenance of fixed assets. To enhance library facilities, sufficient funds are allocated annually. Adequate financial resources are also utilized for the development and maintenance of state-of-the-art infrastructure throughout the institute.

| File Description                      | Documents        |
|---------------------------------------|------------------|
| Paste link for additional information | Nil              |
| Upload any additional information     | <u>View File</u> |

#### 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

Throughout the year, the Institution undertakes numerous academic and administrative activities, all of which are carefully planned, executed, and evaluated by the IQAC (Internal Quality Assurance Cell).

The IQAC takes on a significant role in preparing, evaluating, and recommending reports such as AQAR (Annual Quality Assurance Report), SSR (Self-Study Reports) for accreditation, and other documents to be approved by the relevant Institute and Government statutory authorities.

Some of the key responsibilities of the IQAC include:

- Preparing the Annual Quality Assurance Report (AQAR)
- Developing Self-Study Reports for accreditation (SSR)
- Strategizing and planning from a holistic perspective
- Ensuring an effective teaching-learning process
- Implementing a Self-Appraisal System
- Collecting and analysing Stakeholders' feedback
- Organizing value addition courses for students
- Arranging Faculty Development Programs and career advancement initiatives
- Creating and following an academic calendar
- Engaging with Alumni for their involvement
- Promoting a research culture within the institution
- Addressing and resolving grievances, if any
- Strengthening the interaction between the industry and the institution
- Conducting academic audits

To maintain a well-coordinated approach, IQAC meetings are regularly convened to plan, implement, and evaluate the teachinglearning process and other related activities. This ensures a comprehensive and systematic approach to enhancing the overall

#### quality and effectiveness of the Institution's endeavours.

| File Description                      | Documents        |
|---------------------------------------|------------------|
| Paste link for additional information | Nil              |
| Upload any additional information     | <u>View File</u> |

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 actively enhances the teaching-learning process through the implementation of standard academic practices, including:

- Developing and adhering to the Academic Calendar
- Selecting Electives (Open/Departmental/Science-based)
- Allocating course loads and preparing the Timetable
- Distributing Mentor-Mentee pairs
- Facilitating Course Delivery (Online / Offline classes)
- Creating Course files
- Conducting Seminars, Projects, and Industrial Training
- Monitoring class delivery and student attendance
- Ensuring Syllabus coverage
- Designing question papers
- Administering internal examinations
- Evaluating answer scripts
- Supporting both slow and advanced learners
- Organizing Industrial Visits & Guest Lectures
- Analyzing results for assessment purposes

During the challenging period of the COVID pandemic, the IQAC continues to play a crucial role in maintaining the quality of teaching-learning at the college. Gathering feedback from all stakeholders, including students, parents, teachers, and alumni, is an integral part of the process. The IQAC team crafts comprehensive questions concerning the curriculum, faculty, teaching-learning mechanisms, and college facilities. These questions are shared with stakeholders through digital platforms using Google form links. The responses received are analyzed, and the results are presented graphically on the college website.

Additionally, the IQAC takes proactive measures by suggesting the introduction of new courses based on the demands and aspirations of aspiring candidates. By continuously seeking feedback, the IQAC

# ensures a student-centric approach to education, striving for continual improvement and excellence.

| File Description  | Documents  |                       |
|---|--|-----------------------|
| Paste link for additional information   |  | Nil                   |
| Upload any additional information   |  | <u>View File</u>      |
| 6.5.3 - Quality assurance initiat<br>institution include: Regular me<br>Internal Quality Assurance Cel<br>Feedback collected, analyzed an<br>improvements Collaborative qu<br>initiatives with other institution<br>Participation in NIRF any othe<br>recognized by state, national or<br>agencies (ISO Certification, NB | eting of<br>II (IQAC);<br>nd used for<br>ality<br>n(s)<br>r quality audit<br>international | D. Any 1 of the above |

| File Description   | Documents                         |
|--|-----------------------------------|
| Paste web link of Annual reports of Institution  | https://jondhleengg.org/iqac.aspx |
| Upload e-copies of the accreditations and certifications                                 | No File Uploaded                  |
| Upload any additional information  | <u>View File</u>                  |
| Upload details of Quality<br>assurance initiatives of the<br>institution (Data Template) | <u>View File</u>                  |

## 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

Aim: Provision of fairness and justice in the distribution of benefits and responsibilities between women, men that Equity leads to equality. Gender equity in education means that males and females have equal opportunities in terms of economic, social, cultural, and political developments. If gender equity is exactly achieved this will contribute to future of girls and boys more than approaches men-centred, and girls will get benefits from public and domestic life as much as boy. 1. Safety and security: We have security at the main gate. Students and staff with college Id will be allowed to enter the campus. The people who are coming into the campus other than the staff and students are required to enter in the register kept with security at the main gate. Lady security staff are also available tin the team of security. 2. CCTV cameras are installed at various places in the campus 3. Internal complaint committee/Women development cell is established 4. Separate Girls / Boys common room 5. Indoor/outdoor sports activity for girls 6. International women day celebrations 7. Mentoring by lady staff for girl students if any help is needed 8. Railway concession for girl students available 9. Organising training in self-defence for all girl students 10. No discrimination for girls in taking part in any curricular, cocurricular and extra- curricular activities 11. For Industrial visits or any other outdoor activities, girl students are being accompanied by lady staff members

| File Description   | Documents                       |                       |
|--|---------------------------------|-----------------------|
| Annual gender sensitization action plan  |                                 | Nil                   |
| Specific facilities provided for<br>women in terms of:a. Safety and<br>security b. Counseling c.<br>Common Rooms d. Day care<br>center for young children e. Any<br>other relevant information         |                                 | Nil                   |
| 7.1.2 - The Institution has facili<br>alternate sources of energy and<br>conservation measures Solar e<br>Biogas plant Wheeling to the G<br>based energy conservation Use<br>power efficient equipment | energy<br>energy<br>rid Sensor- | B. Any 3 of the above |

| File Description               | Documents        |
|--------------------------------|------------------|
| Geo tagged Photographs         | <u>View File</u> |
| Any other relevant information | No File Uploaded |

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

Waste generated within the institution, such as paper, plastic

bottles, food waste, etc are collected separately. For the collection of waste, separate bins are kept on every floor. Garbage is segregated into wet and dry bins separately. Proper segregation is ensured, with degradable items being rejected from the non-degradable waste stream.

- The non-degradable waste, which includes items like plastic bottles, is transported to the main gate of the institution. This transportation process may involve using designated waste bins or containers for easy collection and transport.
- At the main gate, the non-degradable waste is handed over to the Swachh Bharat Shahapur Village Waste Management System.
- The institution utilizes portable bins for solid waste management. These bins are strategically placed throughout the campus to encourage waste segregation and facilitate convenient disposal of waste by students, staff and visitors/ outsiders.
- For liquid waste management, the water transport system is inspected for leaks in pipes, taps, valves and other components on a regular basis and promptly repaired. To ensure a clean and safe potable water supply, a reverse osmosis plant is in operation.
- All e-Wastes such as computers, laptops, its accessories and other electronic wastes are collected and discarded through the authorized vendor to ensure no hazard to the environment.

| File Description   | Documents                                 |  |  |  |
|--|---|--|--|--|
| Relevant documents like<br>agreements / MoUs with<br>Government and other approved<br>agencies   | No File Uploaded                          |  |  |  |
| Geo tagged photographs of the facilities   | <u>View File</u>                          |  |  |  |
| 7.1.4 - Water conservation facil<br>in the Institution: Rain water h<br>Bore well /Open well recharge (<br>of tanks and bunds Waste wate<br>Maintenance of water bodies an<br>system in the campus | arvesting<br>Construction<br>er recycling |  |  |  |

| File Description   | Documents             |                               |   |  |  |
|--|-----------------------|-------------------------------|---|--|--|
| Geo tagged photographs /<br>videos of the facilities   | <u>View File</u>      |                               |   |  |  |
| Any other relevant information   |                       | No File Uploaded              |   |  |  |
| 7.1.5 - Green campus initiatives include   |                       |                               |   |  |  |
| 7.1.5.1 - The institutional initia<br>greening the campus are as fol   | omobiles<br>y-powered |                               |   |  |  |
| <ol> <li>Restricted entry of auto</li> <li>Use of bicycles/ Battery-<br/>vehicles</li> <li>Pedestrian-friendly path</li> <li>Ban on use of plastic</li> <li>Landscaping</li> </ol> | -powered              |                               |   |  |  |
| <ul> <li>2. Use of bicycles/ Battery vehicles</li> <li>3. Pedestrian-friendly path</li> <li>4. Ban on use of plastic</li> </ul>  | -powered              |                               |   |  |  |
| <ul> <li>2. Use of bicycles/ Battery vehicles</li> <li>3. Pedestrian-friendly path</li> <li>4. Ban on use of plastic</li> <li>5. Landscaping</li> </ul>                            | -powered<br>hways     | View File                     | _ |  |  |
| 2. Use of bicycles/ Battery<br>vehicles<br>3. Pedestrian-friendly path<br>4. Ban on use of plastic<br>5. Landscaping<br>File Description<br>Geo tagged photos / videos of          | -powered<br>hways     | View File<br>No File Uploaded |   |  |  |

| 7.1.6.1 - The institutional environment and  | D. Any 1 of the above |
|--|-----------------------|
| 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  |                       |

| File Description  | Documents        |
|---|------------------|
| Reports on environment and<br>energy audits submitted by the<br>auditing agency | No File Uploaded |
| Certification by the auditing agency  | No File Uploaded |
| Certificates of the awards received   | No File Uploaded |
| Any other relevant information  | <u>View File</u> |

| 7.1.7 - The Institution has disabled-friendly,<br>barrier free environment Built environment | в. | Any | 3 | of | the | above |
|--|----|-----|---|----|-----|-------|
| 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  |    |     |   |    |     |       |

| File Description   | Documents        |
|--|------------------|
| Geo tagged photographs / videos of the facilities                              | <u>View File</u> |
| Policy documents and<br>information brochures on the<br>support to be provided | No File Uploaded |
| Details of the Software procured for providing the assistance                  | No File Uploaded |
| Any other relevant information   | No File Uploaded |

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).

The institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different caste, religion, regions are studying without any discrimination.

Staff and students with the support from Management staff jointly celebrate the cultural and regional festivals. We do organise Freshers Party and farewell party, Induction & orientation program, tree plantation etc. The celebrations on Women's day, Yoga dayand also festivals like Ganpati festival, Navratri, Shiv Jayanti, National festivals like Republic day, Independence Day, Maharashtra Day. / Labour Day etc. and Commemorative days like , teacher's day, Engineers' day, National Youth day, etc. are being arranged for making students responsible citizens following the national values of social and communal harmony and national integration. The following are few activities organised outside the campus for society. 1. Street play on Healthy Eating habit participated by staff and students. We organized the event at Titwala, which is a place about 27km from our college. We chose a crowded location and performed the street play to make the people aware of the health issues rising up even at an early age in the younger generation due to the bad eating habits and sedentary life style. 2. Cleaning drive was organized at Mauli fort Titwala on 4/3/2022 and at Ganesh Mandir, Titwala on 16/3/2022. These events were part of our NSS program and under Swachh Bharat Abhiyan.

| File Description   | Documents        |
|--|------------------|
| Supporting documents on the<br>information provided (as<br>reflected in the administrative<br>and academic activities of the<br>Institution) | <u>View File</u> |
| Any other relevant information   | No File Uploaded |

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

At SSJCET, we believe in providing the holistic education to the students to make each student a good citizen. 1. The Independence Day on 15 th August and Republic Day on 26 th January are being celebrated every year in our campus. The Flag hoisting is done in the campus; all the staff and students attend the celebration. This is to commemorate the establishment of the Indian Constitution and also is to develop his/her duty as citizen and to honour the sacrifice of our freedom fighters. Republic Day celebrates the adoption of the Indian Constitution which was adopted on 26 January 1950. 2. Maharashtra Day / Labour Day is being celebrated every year on 1 st May to commemorate the formation of the Maharashtra state in 1960. On 1 May, Maharashtra Day the flag hoisting is held on Sunday 1 May 2022. This conveys a message that it is constitutional obligation and responsibility of each citizen. 3. The International Labor Day or May Day which is celebrated every year on May 1 in a bid topromote the rights of working class and prevent them from exploitation. 4. International Yoga Day is celebrated on 21 June 2022, all teaching, non-teaching and students attended the yoga sessions. 5. Tree plantation is organized on world environmental day, 5 June. Staff students participated in the event.

| File Description   | Documents  |  |  |  |
|--|--|--|--|--|
| Details of activities that<br>inculcate values; necessary to<br>render students in to responsible<br>citizens  | Nil  |  |  |  |
| Any other relevant information   | Nil  |  |  |  |
| 7.1.10 - The Institution has a professional ethics programmes on Code of Conduct Institution programmes on Code of Conduct Institution professional ethics programmes and other staff 4. Annual a programmes on Code of Conduct Institution professional ethics programmes on Code of Conduct Institution professional ethics programmes on Code of Conduct Institution progra | rs,<br>and conducts<br>gard. The<br>n the website<br>r adherence to<br>n organizes<br>s for<br>ninistrators<br>awareness |  |  |  |

organized

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

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

Republic day is celebrated every year on 26th January in the

college with great enthusiasm and pride. We all pay tribute to all freedom fighters who sacrificed their lives in order to gain the freedom for the India. Independence Day is also celebrated on 15th August in the college commemorating the nation independence. International Women day is also celebrated in our college on 8th March every year. International Yoga Day initiated by our NSS Unit is also celebrated on 21st June every year in the college. Teachers' day is also celebrated on 5th September every year to celebrate the birth anniversary of Dr. Sarvepalli Radhakrishnan. This day is celebrated to promote the values and principles of a true teacher. Following are the few events organised in our campus during the academic year 2021-22 1. Covid vaccination drive was conducted on 30 Oct 2021 in our campus. Staff & students actively involved and encouraged the people to do vaccination to prevent Covid 19. 2. Rally on green India and clean India were conducted by our college NSS unit on 16/02/ 2022 3. The NSS unit of our college conducted ENT check up on 7/04/2022 4. The Blood Donation camp & Health check up on 8/4/2022 5. The Independence Day, Republic Day, Maharashtra Day were celebrated

| File Description   | Documents        |
|--|------------------|
| Annual report of the<br>celebrations and<br>commemorative events for the<br>last (During the year) | No File Uploaded |
| Geo tagged photographs of some of the events   | No File Uploaded |
| Any other relevant information   | <u>View File</u> |

#### 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 1

Title of the Practice: Students Scholarship for Economically weaker sector Objectives of the Practice:

1. To facilitate between student scholarship provider and actual finance needy students 2. To search for Private scholarship providing institutions 3. To help students who lost their Family earner in the pandemic and wants to complete Engineering especially girl students.

# Best Practice 2

Title of the Practice: Implementing Unnat Bharat Abhiyan Objectives of the Practice: 1. To develop transformational change in rural development processes 2. To enable higher educational institutions to work with the people of rural India 3. To create a virtuous cycle between society and an inclusive academic system

| File Description                               | Documents   |
|--|---|
| Best practices in the<br>Institutional website | https://jondhleengg.org/Documents/Best_pra<br>c2122.pdf |
| 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

Our institute is situated in Asangaon, Shahpur Taluk, in a rural area, where it is dedicated to the betterment of rural communities through education. We offer a wide array of academic programs, including Undergraduate and Postgraduate Engineering programs, as well as a Postgraduate Management program. Beyond academics, we actively encourage our students to participate in extension programs and community-oriented initiatives through the NSS (National Service Scheme) and UBA (Unnat Bharat Abhiyan). During the pandemic, we swiftly responded to the crisis by establishing a temporary hospital and relief centre on our campus, providing assistance to those in need. Our staff and students actively engaged in distributing masks, medicines, and food supplies. Collaborating with the Health Center in Vasind, we organized a free COVID vaccination drive to support the broader community. Furthermore, we have a history of reaching out to those affected by natural disasters. Our students and staff have contributed clothing, food materials, and other essentials during incidents in Kerala and Maharashtra. Our NSS team regularly visits orphanages and schools, donating clothes, books, and other necessities. Additionally, we actively promote blood donation drives to support medical emergencies. Our primary objective is not only to produce exceptional engineers but also to nurture responsible citizens with strong human values and ethics. We aim for the holistic development of our students, equipping them to face challenges, find solutions, and make meaningful contributions to society.

| File Description                                | Documents        |
|---|------------------|
| Appropriate web in the<br>Institutional website | No File Uploaded |
| Any other relevant information                  | <u>View File</u> |

7.3.2 - Plan of action for the next academic year

1. To provide holistic value based education and inculcate entrepreneur abilities in students to face the challenges of corporate world. 2. To arrange career guidance programmes. 3. Conducting activities to hone the creative skills of students and provide a platform to display their creativity 4. Effectively implement the social service under NSS, UBA