YEARLY STATUS REPORT - 2020-2021

Part A
Data of the Institution

1.Name of the Institution	SHIVAJIRAO S. JONDHALE COLLEGE OF ENGINEERING
• Name of the Head of the institution	Prof. Pramod Ramdas Rodge
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	09594962007
• Mobile No:	9594962007
• Registered e-mail	principalssjcoe@gmail.com
• Alternate e-mail	pramodrrodge@gmail.com
• Address	Behind Venkatesh Petrol Pump, Kalyan Shil Road, Sonarpada, Dombivli (East)
• City/Town	Thane
• State/UT	Maharashtra
• Pin Code	421204
2.Institutional status	
• Type of Institution	Co-education
• Location	Urban

• Financial Status	**Self-financing**	
• Name of the Affiliating University	**University of Mumbai, Mumbai**	
• Name of the IQAC Coordinator	**Smita A. Lonkar**	
• Phone No.	**02512872560**	
• Alternate phone No.	**9869132422**	
• Mobile	**9869062125**	
• IQAC e-mail address	**smitalonkar@gmail.com**	
• Alternate e-mail address	**lonkarsa@gmail.com**	

3.Website address (Web link of the AQAR (Previous Academic Year)	https://shivajiraojondhalecoe.org.in/wp-content/uploads/2022/03/aqar-2019-20.pdf
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://shivajiraojondhalecoe.org.in/wp-content/uploads/2022/03/calender-2020-21.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B+**	**2.60**	**2019**	**09/09/2019**	**08/09/2024**

6.Date of Establishment of IQAC	**15/07/2017**

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

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NA	**NA**	**NA**	**2020**	**00**

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) and compliance to the decisions have been uploaded on the institutional website?	Yes	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	View File	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
• If yes, mention the amount		

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

IQAC has crreated the process of Internal Academic audit applicable in pandemic situation.

IQAC has guided the students forum of all branches to conduct online webinars in the emerging areas.

IQAC has arranged webinar on "Creating Awareness of NEP -2020 among Teaching Fraternity of Technical Institution"

IQAC has created the system for conducting the examination in online mode.

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
Implement Internal Academic Audit	Conducted Internal Academic Audit
Implement External Academic Audit	Conducted External Academic Audit
Implement Green Audit	Green audit conducted successfully. Suggested to include water anaiysis.
Arranging webinars for students	Students forum of all brances conducted online webinars.

13.Whether the AQAR was placed before statutory body?	Yes

- Name of the statutory body

Name	Date of meeting(s)
College Development Committee	20/12/2020

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2020	14/01/2020

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	30

File Description	Documents
Data Template	[View File](#)

2.Student

2.1 Number of students during the year	1281

File Description	Documents
Data Template	[View File](#)

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	170

File Description	Documents
Data Template	[View File](#)

14-05-2022 05:00:29

2.3 Number of outgoing/ final year students during the year	**420**

File Description	Documents
Data Template	[View File]

3.Academic

3.1 Number of full time teachers during the year	**82**

File Description	Documents
Data Template	[View File]

3.2 Number of Sanctioned posts during the year	**100**

File Description	Documents
Data Template	[View File]

4.Institution

4.1 Total number of Classrooms and Seminar halls	**24**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**562**
4.3 Total number of computers on campus for academic purposes	**251**

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

Shivajirao S. JondhaleCollege of Engineering, Dombivli is affiliated

with the University of Mumbai (UoM), Mumbai. The institute follows the curriculum of Choice Based Credit System (CBCS) as prescribed by UoM. The Academic Committee prepares the academic calendar for every semester in accordance with the university academic schedule, which comprises the duration, assessments for theory and lab courses, curricular, co-curricular activities and disseminates it to the departments. The department prepares the timetable based on the credits allotted for each course.A comprehensive teaching plan is prepared by everyteacher which includes the delivery of lectures, tutorials and practical.Faculty follow the teaching plan in the schedule of their working hours.The class tests are conducted in order to assess the understanding of the students.The Choice Based Credit System (CBCS) is implemented for enabling choice for selection of Elective subjects to the students.Teachers take efforts to ensure quality and to enhance academic growth. Compliance with the curriculum is verified by the HOD and communicated to the principal. Practical, theoretical & oral examinations are conducted to judge the understanding of the students. Students-Teacher (Mentor-Mentee) is implemented for identifying problems of the students regarding academic, and social issues.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://drive.google.com/drive/folders/19OOI62s_tHRQUrMrI4BZNY7cJUAP6wpj?usp=sharing

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

The academic calendar of the institute is planned well in advance based on the calendar provided by the university, it contains the relevant information regarding the teaching learning schedule (working days), various events to be organized, dates of internal examination , semester examination etc. and is displayed on the notice boards for the benefit of the students. Lesson plans and Class time table are then prepared based on the academic calendar and distributed to the students.. The students' academic progress is monitored regularly by adopting the strategy of continuous internal evaluation, project work, unit test and semester examinations. The College with respect to the University guidelines and the Action Plan prepared holds the Internal Assessmentfor the Students for 20 Marks respectively. The Practical Exams are held under the scrutiny of the External Examiner appointed from the University. Continuous

Internal Assessment review is taken by the Principal regularly. In addition, IQAC team conduct internal audit to verify the compliance to calendar of events with documentary evidence.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	https://drive.google.com/drive/folders/1sFlNsr5vxiavrk19FKaHrrchpm9cdSed?usp=sharing

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

C. Any 2 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

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

6

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

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)

00

File Description	Documents
Any additional information	**No File Uploaded**
Brochure or any other document relating to Add on /Certificate programs	**No File Uploaded**
List of Add on /Certificate programs (Data Template)	**No File Uploaded**

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

00

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

File Description	Documents
Any additional information	**No File Uploaded**
Details of the students enrolled in Subjects related to certificate/Add-on programs	**No File Uploaded**

1.3 - Curriculum Enrichment

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

S.S.J.C.O.E. is affiliated to University of Mumbai and follows the curriculum prescribed by the University. As part of the curriculum,

there are few basic courses that focus on integrating cross cutting issues relevant to Gender, Environment and Sustainabilityand professional ethics.

Course Code : - FEC206

Course Name : - Professional Communication and Ethics- I

Semester : - II

Departments : - All Departments

This Courseprovides importance and effective use of Communication Skills. The Course makes the student proficient in public speaking and presentation skills.

Course Code : - CHC506 / CPL502 / ETS506 / TEITC506 / MEL501 / PEL501

Course Name : - Business Communication and Ethics

Semester : - V

Departments : - CH / CM / EXTC / IT / ME / PR

Business Communication and Ethics is another compulsory course across all the programs, itgives the knowledge of professional and ethical responsibilities and report writing.

Course Code : - CHC803

Course Name : - Environmental Engineering

Semester : - VIII

Department : - Chemical Engineering

This course focuses on the following issues

  1. Importance of Environmental pollution control.

  2. Effect of water pollution on human beings.

  3. Treatment ofwastewater

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    4. Air pollution control methods & equipment.
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File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

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

10

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

90

File Description	Documents
Any additional information	[View File](#)
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	[View File](#)

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	**D. Any 1 of the above**

File Description	Documents
URL for stakeholder feedback report	[View File](#)
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	[View File](#)
Any additional information(Upload)	[View File](#)

1.4.2 - Feedback process of the Institution may be classified as follows	**C. Feedback collected and analyzed**

File Description	Documents
Upload any additional information	[View File](#)
URL for feedback report	https://drive.google.com/drive/folders/1eDUc ej5jZVgjHD8M0qQnG2n88MhpIslP?usp=sharing

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

340

File Description	Documents
Any additional information	[View File](#)
Institutional data in prescribed format	[View File](#)

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

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

54

File Description	Documents
Any additional information	[View File](#)
Number of seats filled against seats reserved (Data Template)	[View File](#)

2.2 - Catering to Student Diversity

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

Advanced learners or slow learners are classified on the basis of classroom performance, personal interaction in lab and test1 result. During lectures, questions are asked on prerequisite. Lab session provide personal interaction with students.Test1 result helps to identify weak students.

For advanced learners, the faculty identify the requirement of addon programs. To gain knowledge students participates in seminars and workshops. They also implement projects, mini projects on the latest topics.

Initiatives for advanced Learners

The institute encourages advanced learners:

- To undertake mini projects, internship, industry sponsored projects.
- To participate in technical events held at national level, interdisciplinary projects, intercollegiate and intra-college level events like Hackethon, Avishkar ,
- By offering merit prizes to rank holders.
- To appear for competitive exams like GATE, GRE, TOFEL.

Initiatives for slow Learners

- **The students discuss problemswith teachers andmentor. Counseling and other stress related issues are carried out for students who are lagging.**
- **Practical session's and remedial lecturers are conducted to ensure better learning.**
- **Faculty motivates the slow learners in a friendly way to reach higher academic goal, the result of which are reflected in test2 and End Semester Exams.**

File Description	Documents
Link for additional Information	https://shivajiraojondhalecoe.org.in/wp-content/uploads/2022/03/seminar-workshop-conducted-in-2020-21.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
1281	82

File Description	Documents
Any additional information	View File

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

Our Institute adopts Student centric teaching learning process for the development of the Students through various suitable learning methodologies. Formal Methodologies in which staffs impart subject knowledge according to the syllabus by preparing notes for the students for various subjects. They makes use of various teaching-aids like text books, reference books, NPTEL database, online videos and PPT's for preparing notes. Students are also provided with Tutorials and Case-studies on various subjects. To build the qualities like spirit of cooperation, involvement and creativity the students are encouraged to participate in various activities such as paper presentation contest, workshops and project competition. Apart from digital learning, the institute has an excellent library which

has vast number of books in its stock. Students and teachers can access standard journals and NPTEL video lectures through digital library. The Thought provoking method is promoted where students are encouraged to involve actively in Mini projects, seminars and main projects of their areas of interest that are conducted at department level to explore their ideas. Thus, our Institute makes holistic development of the students by implementing various student centric methodologies.

File Description	Documents
Upload any additional information	[View File](View%20File)
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

The institution has been achieving academic excellence through innovative means and practices every year. This year was a difficult year due to pandemic situation still prevalent, however the institution & staff members have managed to use innovative methods to impart quality education in every possible way. We have adopted innovative way of teaching through the PPTs, charts, e-learning resources, through NPTEL.

Institution implemented various ways & high use of digital technology for providing quality education. Zoom and Google meet platforms were used for conducting regular lectures. The platforms were used to conduct different webinars, alumni talks and doubt clearing sessions. Notes & study materials were provided in PPT and PDF format through Google classroom.

E-learning provides a more efficient & attractive environment for better understanding of technical concepts through animation and video lectures. In today's scenario students must be highly innovative and use of innovative technologies in teaching learning process helps them to fulfill the requirements of the industries and the competitive environment.

Institution not only gave quality education with best possible technology but also tried to check the wellbeing of Staff & Students by maintaining & managing the Covid Vaccine status through online forms & process.

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://shivajiraojondhalecoe.org.in/wp-content/uploads/2022/03/4.3-it-infrastructure-20220329t045436z-001.zip

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

64

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	[View File](#)
Circulars pertaining to assigning mentors to mentees	[View File](#)
mentor/mentee ratio	[View File](#)

2.4 - Teacher Profile and Quality

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

82

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	[View File](#)
Any additional information	[View File](#)
List of the faculty members authenticated by the Head of HEI	[View File](#)

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

12

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

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

12

File Description	Documents
Any additional information	[View File](#)
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	[View File](#)

2.5 - Evaluation Process and Reforms

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

The schedule of Internal Assessment (IA)are communicated to students and teaching staff through Institute's academic calendar.

- **For effective implementation of IA at the institute level, the institute conducts two tests per semester.**
- **The Unit Test Incharge informs the facuity members to set the question paper well in advance as peracademic calendar.**
- **The Time table of IA is shared on the respective student group sone week prior the test.**
- **The HOD conducts the meeting to instruct the faculty members the timely changes made by University of Mumbai for conduct of Examination.**
- **In Pandemic the lectures were online and the studymaterial alongwith links of IA were sharedon G Classroom.**
- **During IA the faculty shares the Attendance link , Proctoring link 5 min before the examination on G Classroom.**
- **The test paper is discussed with students after evaluation to**

provide. sufficient transparency and accountability.
- The schedule for end semester examination is communicated during semester when schedule is released by the University of Mumbai.
- The Institute has formulatedcommittee comprising of Principal and a team of faculties, for smooth conduct of examinations...
- The methodologies of Examinations prescribed by University of Mumbai were timely followed by the Institute.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

1. The students are the main stakeholders in any education imparting Institute and it's our endeavour to make all efforts to ensure transparency in all the activities at various stages.
2. In line with this, the institute has decided to frame mechanism for examination related grievances.
3. The students can approach the teachers, in case they need a clarification on the award of marks.
4. The exam section committee decides the action plan as per the nature of grievance

Students can apply for grievances by one of the following ways

1. If the name is incorrect and/ or total is incorrect: The institute verifies the details of the student in available records and provide possible solutions at institute level or refers to the University with proper document.
2. If some questions are not checked: After receiving photocopy, if the student finds any discrepancy in the answer sheet mentioned above, the students have to fill grievances form in the exam section.

Examination cell committee take corrective action to maintain transparency in complete process which is time bound and send modified result to the University. Thus the whole process is carried out efficiently.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

1. The vision and mission statements are displayed on the college website and at various key positions in the college
2. Programme Educational Objectives (PEO), Programme outcomes (PO) and course outcomes (CO) are defined by every department
3. PEO and PO are published on the college website, printed in journals and CO are discussed by faculty members in the classrooms.
4. CO are a comprehensive set of learning goals that are fostered and developed across that particular course. They reflect the competencies needed to meet the challenges of that course.
5. The CO are framed using Bloom Taxonomy action verbs.
6. At the end of semester, all the departments evaluate POs and COs by using tools like tutorial, mid-term results, on-line exam results, course end survey and yearly alumni feedback.
7. It relates: understanding the concept of data / Information / functions / components, Application of concepts related to subject area suitably in a particular environment., acquisition of knowledge and skills for the relevant hardware and software tools
8. They reflect the competencies needed to meet the challenges of that particular course. It is expected that the student is able to apply the knowledge at the end of the course.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://shivajiraojondhalecoe.org.in/wp-content/uploads/2022/03/2.6.1_1554286314_2477.xlsx
Upload COs for all courses (exemplars from Glossary)	[View File](#)

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

1. **It is important to analyse attainment levels of course outcomes (COs), program outcomes (POs) and program specific outcomes (PSOs).**
2. **Marks in tutorials, performance in mid-semester exam,attendanceand Term work marks are considered**
3. **Appropriate COs for each course of program from first year to fourth year. A correlation is established between COs and POs in the scale of 1 to 3,**
4. **A mapping matrix is prepared in this regard for every course in the program including the elective subjects**

COattainment:

- **Internal Evaluation (20% Weightage) Term Work, Lab performance Assignments, Other components IA Tests**
- **External Evaluation (80% Weightage) End Semester Oral/Practical Examination, End Semester Theory Examination**

PO attainment:

- **Direct tools: Course Outcome attainment (80% Weightage)**
- **Indirect tools: (20% Weightage)**

Indirect tools: Program exit survey (PES), Alumni Feedback (ALF) , Employer Survey (EMS) : A survey is conducted after completion of program. Stakeholders evaluate each program outcome on a scale of 0-3

Direct tools:

The calculations of attainments of individual COs,the PO attainment is calculated . Final PO attainment is calculated by multiplying

with a weightage of 80%.

It is observed that the strength of the students as well as passing percentage of the students is increasing progressively.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil

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

420

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
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://shivajiraojondhalecoe.org.in/wp-content/uploads/2022/03/student-satisfaction-survey-2020-21-updated.xlsx

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)

nil

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

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

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

0

File Description	Documents
List of research projects and funding details (Data Template)	**No File Uploaded**
Any additional information	**No File Uploaded**
Supporting document from Funding Agency	**No File Uploaded**
Paste link to funding agency website	**Nil**

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

10

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

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

27

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

6

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

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

SSJCOE encourages extension activities in the community for sensitizing students to social issues and their holistic development. The college provides the students with an opportunities tolearn and experience beyond their classroom learning through extension activities.. Through its varied community oriented programmes and activities with NSS and Students council ssjcoe we aim at evolving and sensitizing the students about their society and community, and in finding and searching for answers to societal problems, thus acquiring leadership qualities, by actively participating and involving in various social activities and campaigns. During the previous academic year, various community related extension activities were organized online and some offline during the pandemic . The NSS unit could not conduct the activities

as where planned, due to pandemic, but some extension activities conducted in the academic year like celebration of Marathi bhasa din,Celebration of Shivaji Jayanti, yoga day ,youth awareness program with MP Dr. Supriya Sule where students discussed various social issues and put forward their thoughts on issues like early sex education, social networking sites and their impacts on an individual and society on the whole.etc.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

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

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

0

File Description	Documents
Any additional information	**No File Uploaded**
Number of awards for extension activities in last 5 year(Data Template)	**No File Uploaded**
e-copy of the award letters	**No File Uploaded**

3.3.3 - 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

3.3.3.1 - 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

03

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

165

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

35

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

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

04

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

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.

The college is situated on a sprawling 15.25 acres of blush green campus with a built up area of 12000 square meters. Every department has dedicated laboratories, classrooms and tutorial rooms for conducting regular classroom and laboratory sessions in a single shift, the campus is well furnished with 21 classrooms, 06 tutorial rooms, 55 laboratories including separate computer laboratory for everydepartment, 04 workshops, 03 seminar halls and a drawing hall. Facilities like canteen, central library, open auditorium are available in the campus. Separate boys and girls common rooms are available for students.

Classrooms are equipped with smart-boards and ICTfacilities. Centralized facilities like computer center and language lab to enhance the linguistic skills of the student are provided. more than 251 computers are available especially for students.

A well-furnished, air-conditioned central library is accessible to all having reading room capacity of more than 100 seats, stalk rooms with a good number of textbooks, reference books and journals and multimedia PCs to access E-journals, Shodhganaga, E-books etc.

Special provision of ramps and washrooms is also made for handicapped. Physical infrastructure considering AICTE norms and procures equipment for fire safety purpose, CCTV surveillance and fire extinguishers all over in the campus.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://shivajiraojondhalecoe.org.in/wp-content/uploads/2022/03/4.1.1-photo-classroom-lab-20220329t044427z-001.zip

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

The college has a huge rectangular playgrounds to conduct annual sports and cultural events every year. All indoor and outdoor sports facilities and gymnasium are available to students. Students have to take prior permission from the sport-in-charge for the utilization of all the facilities. Requirement of sports facilities, equipment and accessories and any related maintenance is forwarded by Sport-in-charge to management through Principal. College conducts different sports like Cricket, Kabaddi, Badminton, Carrom, Snooker and Table tennis etc. Yoga sessions are arranged for students and staff on different occasions.

Every year our college conducts cultural events like intercollegiate fashion shows, dancing and singing competitions. Students participate in great number.Through some of these competitions revenue is generated.

College management ensures availability of adequate physical infrastructure considering AICTE norms and procures equipment for fire safety purposes, CCTV surveillance and fire extinguishers all over the campus. Basic facilities like potable water and gents and ladies washrooms are provided on every floor of all the buildings. Special provision of ramps and washrooms is also made for handicapped. Building terraces are used for development purposes of special projects like solar power generators.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://shivajiraojondhalecoe.org.in/wp-content/uploads/2022/03/4.1.2-indoor-outdoor-games-yoga-20220329t044445z-001.zip

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

24

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

24

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://shivajiraojondhalecoe.org.in/wp-content/uploads/2022/03/4.1.1-photo-classroom-lab-20220329t044427z-001.zip
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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)

43

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

A well-furnished, air-conditioned central library is accessible to all having reading room capacity of more than 100 seats, stalk rooms with a good number of textbooks, reference books and journals

Our college has ERP facility for students and staff since 2018. It includes different modules for management of book database.

Library Management System software SLIM21 was in use previously. Now ERP system is used for managing daily activities of library like book entries, book issue and return. There are different modules for day-to-day library activities. Students and staff members are provided separate ERP login through which they can access library database. College has taken DelNet membership for being member of centralized library.

Multimedia PCs are available in library to access E-journals, Shodhganaga, E-books etc.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	https://shivajiraojondhalecoe.org.in/wp-content/uploads/2022/03/4.2-photo-library-infrastructure-20220329t045012z-001.zip

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	B. Any 3 of the above

File Description	Documents
Upload any additional information	[View File](#)
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	[View File](#)

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)

75

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

100

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

The college has well established IT facilities throughout the institute campus. Free high speed broadband internet (300mbps) and WiFi service is provided, updated and maintained by an experienced service provider. ERP software facilities are utilized by Account section, Administration section, library, faculty and students.

Each department has its own IT structure with an adequate number of desktop, laptop, printers and scanners. Each department has dedicated computer lab, seminar hall and E- learning facilities. Institute has adequate number of classrooms with ICT facilities and modern teaching techniques such as smart boards and LCD projectors.

Currently there are more than 250 computers with latest configuration and all required software available in the campus for students and staff. Networking equipment (Switches, routers, firewalls, ISPs) and good transmission support is used to interconnect and communicate all the devices. The institute is a regular organizer of many online exams such as MHCET.

In current pandemic situation college supported all online Teaching-Learning activities. Students have provided access to E-Books, E-

Journals, G-Classroom, video lectures and online study material. E-content development by staff is done in many ways viz.PPTs, video lectures and NPTEL lectures. College conducted lectures and all exams in online mode using appropriate IT facilities.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://shivajiraojondhalecoe.org.in/wp-content/uploads/2022/03/4.3-it-infrastructure-20220329t045436z-001.zip

4.3.2 - Number of Computers

251

File Description	Documents
Upload any additional information	[View File](#)
Student – computer ratio	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution	A. ? 50MBPS

File Description	Documents
Upload any additional Information	[View File](#)
Details of available bandwidth of internet connection in the Institution	[View File](#)

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)

562

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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.

College management has appointed various external agencies for the maintenance, repair and cleaning of the college campus, equipment,laboratories, library, sports complex, computers, classrooms and other infrastructure and support facilities. The maintenance is done regularly on daily, weekly and monthly basis. Requirements for any maintenance work are forwarded to management through Principal.

1. The Classrooms, Laboratories and other facilities: are maintained and cleaned daily, supervised by Administrative staff in-charge..

2. Computer and support facility maintenance: done weekly by external agencies under AMC contract.

3. Physical facilities: For electrical and civil maintenance work, each department-head gives their requirements to the Principal which then gets sanctioned by management.

4. Maintenance and utilization of Library:

SLIM 21, ERP software, Multimedia facilities are available in the library for students and staff. Requirements of Books, journals or other facilities are forwarded to management through Principal.

5. Sports complex:

All indoor, outdoor sports facilities and gymnasium comes under the control of Sport-in-charge whose prior permission is required before use.

Other Maintenance Activities:

- Maintenance of the generator, garden, landscapes, and external

beautification of campus is done regularly by administrative staff and external agencies appointed by management. Tree plantation is done periodically under NSS.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://shivajiraojondhalecoe.org.in/wp-content/uploads/2022/03/4.2-maintatinance-20220329t044817z-001.zip

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

890

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

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

0

File Description	Documents
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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

A. All of the above

File Description	Documents
Link to institutional website	https://shivajiraojondhalecoe.org.in/wp-content/uploads/2022/03/seminar-workshop-conducted-in-2020-21.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

709

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

709

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

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

108

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

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

9

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

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

5

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File

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 outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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

STUDENT COUNCIL

The institute has a very active Student Council formed by a well-established process. The process starts with inviting applications from the students for the various posts of Student Council. It consists of General Secretary, Technical Secretary, Sports Secretary, Cultural Secretary, NSS representative, NCC representative and Ladies representative.

A selection committee comprising of Principal, HOD's, In-charge Sports Director, Faculty Coordinator for Cultural and NSS In-charge is formed for the selection of the Technical, Cultural & Sports Secretary, NSS, NCC & Ladies representative from Third and Final year through an Interview process. The member of Student Council formed has representation from all the departments and together they act as a link between the students and the Institute.

To ensure proper handing over of responsibilities from the previous council, the formation is done at the start of the odd semester of the academic year. The new council takes charge immediately after formation of Students council

This Academic year 2020-21 due to COVID_19 guide line the student council conducted some on line webinars such as

. Organized a "Webinar on Career" along with ISF student council of Electronics & Telecommunication Engineering by Mr. Ritesh Varma, vice president in Quinnox Consulting Services Ltd, having 23 plus years of experience in information technology delivered a discussion on the various topics on career guidance on May 8 2021 at 12pm.

. Organized a webinar on " Career Guidance & Interview Skills" along with MESA 2021 of Mechanical Engineering on May 16 2021 at 12pm.

. Due to COVID-19, this years sports & cultural events were canceled.

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

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

0

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

Shivajirao S. Jondhale College of Engineering Student Alumni Association (SSJCOEAA) has been registered with registrar of societies as per society act 1860(section21,1860) at Thane bearing registration number:Maharastra/1081/2019/Thane. This Association is functional and formed with an objective to nurture a bond with alma mater, to enhance placement and internship opportunities and to also help in building up the network of the alumni. The Institute effectively networks and collaborates with alumni which have seen an increase in the number of alumni interacting with the students every year.

The main objectives of the Alumni committee are

- **To have a platform where the alumni, existing students and**

staff of the institute can interact, renew old bonds with the Alma-mater, foster new ties and relive the nostalgic college moments.

- To effectively network and collaborate with alumni every year which provide platform for the students to interact with their seniors in industry and get expert guidance as regards to professional requirements and industrial/emerging technological trends.
- To increase assistance for Internships and Placement for current students.
- Participation of alumni in activities contributing to the general development of the department /institute.
- To provide feedback with respect to curriculum, facilities, developmental activities etc.

The Alumni Committee is working very hard towards achieving these objectives

The Nonfinancial means through which alumni contributes to the Institute are as mentioned below

- They help us to identify gaps in the curriculum through their structured feedback on curriculum in-order to keep pace with the recent advancements in industry. They suggest Add-on, Value Added course and Workshop to mitigate the gap.

- Our alumni have conducted seminars; internship programs to inspire students which help them progress in their individual fields.

Our alumni are working hard in collaboration with Institute for the development of Institute.

- Our alumnus Mr. Kshitij Kulkarni from Department of IT Engineering currently studying Masters in Management Information System at Cleveland State University Ohio Joined us through the program ALUMINI TALKS conducted by Student Council gave his valuable guidance to the student on the topic " Tips for planning your Masters abroad" on May 8 2021, Saturday at 5.00 to 6.00pm.
- Our alumnus Mr. Rushank Karekar Software Engineer at CloudFrronts & Miss Ankita Kamble Bussiness Analyst, TomTom from Department of IT Engineering Joined us through the

program ALUMINI TALKS conducted by Student Council gave his valuable guidance to the student on the topic " Tips for Career in IT Industry" on May 2 2021 at 5.00 to 6.00pm.

- Our alumnus Mr. Aditya Gupte Supplier Risk Management Consultant Team Lead (Delivery) at Dun & Bradstreat information Services India Pvt Ltd from Department of Mechanical Engineering Joined us through the program ALUMINI TALKS conducted by Student Council gave his valuable guidance to the student on the topic " Exploring Various Career Options" on May 9 2021 at 12pm.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

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

E. <1Lakhs

File Description	Documents
Upload any additional information	[View File](#)

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

Due to pandemic situation,SSJCOE leadership

- ensured more emphasis on teaching and learning processes by online mode, by ensuring the stakeholders to be more practical oriented through organizing webinars, STTP, internships.
- providewith value added courses, add-on courses focusing on research ensuring students to publish papers and innovation activities.
- ensures organizing online technical events for developing overall personality of the students with inculcating good human values to be professional.
- encourages participative management by involving faculty members for solving problems and taking opt decisions at various levels for the effective growth of institute.

- The levels are:

CDC level: It apex decision making body, Due to pandemic situations, important decisions about academics, upgradation of learning resources, infrastructure, budget are done through online mode.

IQAC level: Faculty who represent IQAC play an active role in monitoring academic and other activities in which students actively participate.

HOD level: Due to pandemic situations all the Plan and implementation of the activities like distribution of work load, time table, monitoring of teaching, arranging workshops, seminars, guest speakers, recommend leave and utilization of departmental budget are doneonline.

Coordinators of committee's level: faculty as coordinators of the committee's plan and execute the activities through online mode.

File Description	Documents
Paste link for additional information	https://shivajiraojondhalecoe.org.in/about/
Upload any additional information	View File

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

One practice of conduction of unit test is explained here to illustrate the practice of decentralization and participative management. In the beginning of the Academic year academic calendar is prepared in the presence of Principal, dean Academics and heads of departments. According to the Institute academic calendar each department prepares their respective departmental academic calendar. For conduction of unit test, head of each department appoints examination coordinator for smooth conduction of unit test. .Due to Pandemic situation we have conductedexamination in online mode as per the schedule mentioned in academic calendar. Initially Whatsapp group is formed for second year, third year and final year students. One week prior to the examination exam coordinator circulates the notice and Guidelines for conduction of exam through the Official departmental whatsapp group. Exam coordinator prepares proctoring chart and delegates duties to concern staff. .Time table is circulated well in advance with the students on their official WhatsApp group. On the day of examination, respective subject

faculty takes the responsibility of smooth conduct of unit Test and also records the attendance of students through Google link. Proctoring is done viaGoogle meet. Time duration of unit test was one hour. After one hour student should submit the scan copy of answer sheet to the Google form link. The process of assessment and declaration of result are being done within stipulated time.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File]()

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institute has deployed various strategies/ perspective plans successfully for the development of the college like faculty motivation by promoting them for attending FDPs, STTPs etc as well as for higher studies like PhD, by conducting carious workshops, seminars, offered different electives, new course,MoUs signes with inductriesfor students for good placement.

The Institute was started in the year 1994 with 3 branches of engineering. Subsequently 3 more branches of engineering were added in 1999. Till 2019-2020 the college was offering 6 UG courses.The institute has successfully deployed the perspective plan of offering new course i.e. Artificial Intelligence and Machine Learning for year 2021-2022 by considering current needs and benefits of industries ans organizationlike :increase organizational performance, reduce operational costs, launch innovative products, meet customer expectations, introduce new lines of revenue ,which will be useful to students for their better development and future perspective. AI/ML applications bring about the convergence of analytics, data science and automation that accelerate successful digital transformations and fuel business outcomes. This has also led to indirect benefits like improving customer or citizen services and boosting top-line growth.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

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

The institute has the various functioning bodies

1.President:

The institute President is typically responsible for governing board for successful operation of the institution. By gaining the full trust and support of the boards, the institute vision is established and carried out by finding strengths and weaknesses.

2.Principal:

Being a part of Administrative Team, the Principal supports and assists the faculties and students to meet the vision. Also provides Academic leadership, Direction and co-ordination within and outside the Institute.

3.Head of Department:

The Head of Department is responsible to provide strong Academic Leadership, sets and advances the academic strategy of Department in line with Faculty

4.Registrar:

The Registrar ensures the integrity, accuracy, and security of all academic records of current and former students; builds secure student data files

5.Training and Placement Officer:

TPO invites industry and prospective employers to organize campus interviews, motivates students participating in GD's, mock interviews, Aptitude test, interview techniques.

6.Deans:

Deans are appointed for Academics, Student Affairs and Research & Development and are liable for smooth functioning of activities.

7.Co-ordinators:

The AICTE, NAAC Co-ordinators, co-ordinates among the Principal and Department for the activities assigned.

8.In-charges:

The Institute has In-charges for Examination, NSS, Sports, Cultural, Technical Events etc.

File Description	Documents
Paste link for additional information	**Nil**
Link to Organogram of the Institution webpage	https://shivajiraojondhalecoe.org.in/wp-content/uploads/2022/05/organogram.pdf
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user interfaces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Welfare measures for teaching and Non-teaching staff

- **Encouragement for the faculty for attending workshop, conferences, seminars, short term courses and faculty development programme.**
- **The institute provides Teachers sponsorship to pursue for higher studies (M.E. M. Tech & P.hD)**

- **The institute organizes felicitation function on the Achievement of staff.**
- **Encourages the faculty to become member of professional bodies and to participate in the activities organised by them.**

- **Encourages the faculty to visit the industry in their domain.**
- **Promotes and motivates the faculty to use ICT tools in their teaching learning process.**
- **Encourages the faculty for publication of research papers in Journals or conferences**
- **The institute provides Mediclaim policy for all teaching staff and Non-teaching staff.**
- **The institute provides ten days paid and 20 days half paid medical leaves per year to all teaching staff and non-teaching staff.**
- **.The institute provides study leave to acquire the higher education to all teaching staff and non-teaching staff.**
- **The institute provides paid maternity leave to all female employees as per rules.**
- **The institute provides casual leave facility to teaching and non-teaching staff as per rule.**
- **The institute organizes training programs as per the need for**

skill development of non- teaching staff.

- The institute organizes free Eye check-up and health check-up camps to ensure the better health of all the employees.
- Gratuity is received by an employee in gratitude for their services offered to the institute.
- The institute provides Employees Provident Fund facility to the teaching and non-teaching staff.
- The institute provides summer and winter vacation for teaching and supporting staff, as per University of Mumbai guidelines.
- The institute provides, Uniforms to all class IV staff.
- .Provision of canteen in the campus.
- Provision of on campus Gym facility.
- Provision of 24/7 on campus security.
- Sanitary Napkin Vending Machine is installed.
- Provision of ample secure parking area.
- First aid facility and Doctor on call is available.
- The institute provides, Accidental Insurance Policy for all Staff Members.
- Building Insurance, Fire and safety provision is available
- Provision of RO purified drinking water is available.

File Description	Documents
Paste link for additional information	nil
Upload any additional information	View File

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

04

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

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

3

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

17

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

Process for Performance Appraisal system For Teaching and Non-Teaching Staff:

Our PAS consists of three levels of assessment.

1. **Feedback from students for each faculty**
2. **Self-appraisal report**
3. **Feedback from HOD for each faculty.**

Feedback collected from students for all courses.

The students of each class are given feedback forms concerning the faculty who are dealing with theory courses and Laboratories or workshops at the end of each semester by Head of Department. The questionnaire is designed to provide their feedback on the four-point scale as Excellent, Very Good, Good, and Satisfactory in respect of the parameters. Parameters like Time management, verbal communication, Interactive, Inspiration, self- confidence, command over the subject etc. are included in the questionnaire. The analysis of the feedback is forwarded to the Principal. Percentage of students participating in the process is at least 75%.

Self-appraisal report from Faculty

Self -appraisal report submitted by each faculty providing information regarding the subject taught, duties carried out other than teaching during the semester, no. of publications done during

the semester with the details. No. of seminars /workshops/conferences/FDPs attended etc. No. of projects guided, any other achievement during the semester etc.

Feedback from Head of the department for all faculties.

At the end of each semester faculty performance appraisal form containing questionnaire is evaluated by Head of the Department for each faculty based on the information provided by the individual faculty during the semester end meeting, From appraisal report and students feedback for the corresponding faculty. The form consists of two parts: Teaching Assessment, performance and general Attributes. The questionnaire is designed to provide HOD's feedback on the four-point scale as Excellent, Very Good, Good, and Satisfactory in respect of the parameters.

Corrective measures:

The faculty appraisal committee consists of HOD and Principal. The contents of the both the feedback will be shared with each faculty member individually during the meeting with the committee. Those with very poor marks in certain areas are warned and asked to show-cause for their poor performance. This feedback system works as an eye opener for the faculty and has led the improvements in faculty's performance and quality of teaching.

File Description	Documents
Paste link for additional information	[nil]()
Upload any additional information	[View File]()

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

The Institute has an effective mechanism for auditing the Institute accounts. The auditing process of SSJCOE takes place in two stages External audit and Internal audit. Chartered accountant audits the accounts of the institute regularly as per the rules and guidelines. The external auditor is appointed by the trust who executes the statutory audit and gives his report on audit every year. The last audit was carried out in the month of December2021. The internal audit of accounts of the Institute is carried out by team of internal auditors occasionally. The internal auditor checks the accounts to see if all entries are properly recorded for the smooth running

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File]()

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)

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

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

Shivajirao S. Jondhale College of Engineering is a non-aided Self Finance Co-Education Institute. The main source of income of Institute is Tuition Fee & Development Fee from the students. This income is utilized to meet routine day to day expenditure of the Institute. I.e. Salary & Non Salary expenses. As per Annual requirement proposed budget is prepared on the basis of last year actual Expenditure. The budget is prepared by the Principal, Head of Department and Registrar. This Budget is finalized in the meeting of Local Managing Committee (LMC) / College Development Committee (CDC). The LMC forwards the proposed budget to the Governing body for final approval

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](View%20File)

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

SSJCOE has established the Internal Quality Assurance Cell(IQAC) in the year 2017for provision of good quality of services. The IQAC enables the institution to focus on this mission.

IQAChas contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality.

Some of the initiatives are with respect to Curriculum, development

of student programmes, Teaching learning Evaluation processes and faculty academic improvement programme.

IQAC has given importance to for Students Counselling and faculty development for the enhancing of the quality of the institution.

The students counselling includes mentoring process useful for students for personal and professional growth. The institute has the system of allotting a faculty member as mentor for each student. The mentor conducts the meetings and depending on students interest guides them for academics, career prospects and personal issues of the student. This helps students to achieve their desired goals. Mentoring records are maintained properly in the institute.

The faculty development is done by encouraging the faculty members for pursuing higher studies as M.Tech or PhD. They are motivated for becoming member of professional technical forums and publishing research papers in conferences or Journals.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

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

Based on University Academic calendar, the institute prepares its own academic calendar well in advance before the start of the semester.

The teaching learning process is reviewed on regular basis.

HOD allocates theory and laboratory work load to faculty members according to their choice. The department time table for each semester is prepared to indicate specific class & laboratory hours.

Every faculty member maintains course files which contain lesson plan, notes, previous year question papers, academic record book and laboratory manual. The college encourages its faculty members to attend orientation programs to improve the teaching learning process. The college provides ample books, reference materials to ensure effective delivery of the curriculum. Various bridge courses

are conducted for the first-year students to analyse concepts. Guest lectures, seminars, Add-on and value-added programs are conducted to supplement the curriculum inputs. Effective delivery in the analytical subjects is ensured by conducting tutorial classes as per the time table. Faculty members encourage the students to do innovative project work. The periodic review of the syllabus covered by the faculty members is done. To monitor the performance of the student, IA tests are conducted twice in a semester along with regular assessment. Oral/Practical examinations are conducted.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	D. Any 1 of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The need for gender sensitivity and equity has been felt and realized through almost all kinds of human existence across the globe. Our institute also believes in gender sensitivity, equality and equity by providing equal opportunities to its students and staff without any discrimination on any grounds. Institution shows gender sensitivity in providing facilities such as:

Institution shows gender sensitivity in providing facilities such as:

Safety and Security:

1. The institute campus has a strict Security check at entrance for all persons. Students and staff wear Identity cards.Institute has installed CCTV Cameras at different locations. Tilt and Zoom cameras also installed near institute entrance. The college is equipped with fire extinguishers at laboratoriesand firefighting system. Outside Agency has been appointed for institute cleanliness and security services. Security guards are available for twenty-four hours. Nearby police station contacts numbers and toll-free help line numbers are displayed on notice boards at strategic locations including ladies common room.
2. College conduct safety and security awareness session with the help of traffic police department as many ofour students from local area uses their vehicle for commutation.
3. Self-defense workshop conducted for women employee and girl students of the college.
4. Health awareness program related to women are organized for ladies staff and girls student of the college.

Counseling:

The objective of counseling is to facilitate Academic, Emotional, Social and cognitive development of students. For every batch of students in a class, we appoint a Mentor who use to counsel and keep a record of every student.

Common Room:

In our college two separate common / rest room are provided, one each for boys and girls. Anytime if students want to relax, they can use theserooms. Basic facilities are provided for rest and relaxation.

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File Description	Documents
Annual gender sensitization action plan	[NA](NA)
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://drive.google.com/file/d/1_nMhVXdVWSBsutndioKwKdN6YtvYsXAx/view?usp=sharing

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/power efficient equipment	**D. Any 1 of the above**

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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 Management steps including: • Solid waste management • Liquid waste management • E-waste management

Solid waste:

1.Bio-degradable waste from college canteen, Dead leaves ofthe trees, reasonably large amount of waste papers and others solid waste is generated in the college. The waste bins are placed in the corridor and in every required place in the campus. The green waste is usually not burnt but is collectedcentrally.As suggested by green audit committee bio degradable waste is segregated properly and used to prepare compost.

2.Paper waste consisting of journals, answer sheets are sold to purchaser.

3.Students from NSS initiatedrive to make notebooks out of unused blank pages and give it to poor and needy children in nearby areas.

4.Metal scrap of workshop is sold to scrap dealer.

Liquid Waste:

All Liquid waste from canteen and laboratories are properly disposed.

E-Waste:

1.Old version Computers and peripherals are sorted properly.

2.Electronic equipments which became outdated due to technological advancement and / or change in syllabus are kept in dead stock.

Hazardous chemicals and radioactive waste management:

Hazardous waste from chemicals and acids are found in Chemistry and Chemical Engineering Laboratories are collected properly in a separate waste bin and handed over to responsible agency. . Proper ventilation and adequate exhaust provision is provided in chemistryand Chemical Engineering Laboratories.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	https://drive.google.com/file/d/1yhtnIe9Mfn8 2KIbSl_DH4dwYFn3Tq_Ng/view?usp=sharing
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. **Restricted entry of automobiles** 2. **Use of Bicycles/ Battery powered vehicles** 3. **Pedestrian Friendly pathways** 4. **Ban on use of Plastic** 5. **landscaping with trees and plants**	**A. Any 4 or All of the above**

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	**D. Any 1 of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment	**B. 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	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

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).

Our institute efforts in providing an inclusive environment to all the students and staff. Every student in institute feels supported intellectually and academically. Various activities conducted for the promotion of national integration, communal harmony and social cohesion as well as for observance of fundamental duties over the academic year. Students participate in every activity as per their choices and interest. NSS and students committee of institute initiate cleanliness drive, plantation drive, no plastic awareness. Institute also conduct workshop, seminars and rally for safety awareness, health awareness and youth empowerment. Institute also participated in Unnat Bharat Mission and Swachhta Pakhwada.

Cultural Programme such as Traditional Day, Dandiya and Ayudha puja during Navratri festival, Institute cultural festival ODDESY organized every year. Apart from this students and staff participate actively during Sports week. Seminars, hand on workshop for students and FDP for staff also organized in the institute as a part of technical festival.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

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

Our institute take all initiatives to make their students and staff a responsible citizen of India by conducting various activities over every academic year.

INDEPENDENCE DAY AND REPUBLIC DAY:The college celebrates the National festivals by organizing the flag hoisting ceremony on Independence Day as well as on Republic Day. Student council members and NSS students also attend the same.

MAHARASHTRA DAY: Flag hoisting is done on Maharashtra Day, 1st of MAY to commemorating the formation of the state of Maharashtra.

CONSTITUTION DAY: As per national directive every year on 26th Nov we celebrate constitution day taking oath.

VOTER'S DAY: The national voters' day is celebrated in India on January 25. It was celebrated first time in 2011, across the country, to mark foundation day of the Election Commission of India in 1950. We celebrate this by conducting activities like poster presentation, awareness program, essay competition etc.

NATIONAL YOUTH DAY: NSS and student council organizes youth day. This is to commemorate the Birth Anniversary of Swami Vivekanand on January 12th.

SHIVAJI JAYANTI: Shivaji Jayanti is a festival celebrated in the state of Maharashtra, on 19th February. It is the birth anniversary of founder of Maratha empire 'Chhatrapati Shivaji Maharaj'.

ENGINEER'S DAY: Every year on 15th September we celebrate Engineer's Day as a tribute to great engineer and Bharat Ratna M.Visvesvaraya.

PUNYATITHI OF OUR FOUNDER: Every year, on 24th January, Our trust Declares, this day as non-instructional day as a tribute to our

founder Late Shri. Dada Saheb Jondhale. We all pay homage by garlanding his photograph. Sometimes lectures arranged by our trust on the topics addressing various social values and ethics.

YOGA DAY: As directed by government from year 2015 International Yoga Day is celebrated in India on 21st June. Our students, teaching and non-teaching staffparticipate in this activity.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	View File

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized	**A. All of the above**

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

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

Our institute take all initiatives to make their students and staff a responsible citizen of India by conducting various activities over every academic year.

INDEPENDENCE DAY AND REPUBLIC DAY: The college celebrates the National festivals by organizing the flag hoisting ceremony on Independence Day as well as on Republic Day. Student council members and NSS students also attend the same.

MAHARASHTRA DAY: Flag hoisting is done on Maharashtra Day, 1st of MAY to commemorating the formation of the state of Maharashtra.

MAHATMA GANDHI JAYANTI: On the occasion of Gandhi Jayanti Cleanliness drive organized by NSS and student council in our college.

TEACHER'S DAY CELEBRATION: The students of various departments organize various events for teachers asa mark of teacher's day celebration. This is celebrated in the honor of our former President Dr. S. Radhakrishnan, an exemplary teacher, great scholar and promoter of education.

SHIVAJI JAYANTI: Shivaji Jayanti is a festival celebrated in the state of Maharashtra, on 19th February. It is the birth anniversary of founder of Maratha empire 'Chhatrapati Shivaji Maharaj'.

NAVRATRI FESTIVAL: Student council organizes Garba (Dandiya) in the campus. All the students and staff participate in that. On Ninth day of Navratri every department host the Aayudh Puja for their lab instruments. Many students and staff participate in that.

PUNYATITHI OF OUR FOUNDER: Every year, on 24th January, Our trust Declares, this day as non-instructional day as a tribute to our founder Late Shri. Dada Saheb Jondhale. We all pay homage by garlanding his photograph. Sometimes lectures arranged by our trust on the topics addressing various social values and ethics.

MARATHI DIVAS: Our college students have Marathi Vangmay Mandal named as 'Srujan'. This committee celebrates Marathi Divas on February 27 every year as regulated by state government. This day is birthday of eminent Marathi poet V. V. Shirwadkar, popularly known as 'KUSUMAGRAJ'. Students celebrate this day with full enthusiasm.

ENGINEER'S DAY: Every year on 15th September we celebrate Engineer's Day as a tribute to great engineer and Bharat Ratna M.Visvesvaraya.

YOGA DAY: As directed by government from year 2015 International Yoga Day is celebrated in India on 21st June. Our students, teaching and non-teaching staffparticipate in this activity.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	[View File](#)
Geo tagged photographs of some of the events	[View File](#)
Any other relevant information	[View File](#)

7.2 - Best Practices

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

Our institute has a vision to impart a quality technical education for creating competent and ethically strong professionals. College intends to provide a friendly and healthy environment to students. Institute has developed some of the best practices to achieve the vision and mission. Two of the practices are elaborated here are:

Best Practice 1:

1. Title of the Practice: Best Policies to enhance campus placement and internship.
2. Objective:

- To increase our student's placement by industry institute interaction.
- To enhance skills of learner with placement activities.
- To develop professional attitude in learner by providing internship opportunities.
- To increase good relation between our institute and industry by signing MOU forgood projects or some industrial collaboration.
- To bridge the gap between institute (academics) and industry (a stack holder).

3.The Context:

Students lack in subject specific knoledge, communication skills, group culture and skillset required for working in industry. Therefore,institute needs to provide some platform for students to learn all apart from academics. Training and placement cell of institute made policies to create intrest of students to join

internship program.

4.The Practice:

- In order to focus on overall development of students,
- Encourage students to participate in various college activities
- Enhance their communication skill by organizing training and practice sessions by training and placement cell.
- Encourage them to attend workshops and participate in project competitions.
- Encourage and motivate students to pursue at least one internship program in every year. Placement cell inform students about various internship program time to time.

5.Evidence of Success:

- Students appearing for campus placement are confident.
- Students are ready to go for internship programme even in vacations.
- Students are getting their projects with the company where they complete internship.
- Some students even qualify for paid internships.
- Some students extended their project as a startup project.
- Increased no of placements, internships, good relation and bonding with some of industries.

6.Problems encountered and resources required:

- Students do not understand importance of internship for getting a good job.
- Every department required to take part to get good industry collaboration.
- Establishment of institute's credibility in the industry.
- Resources required such as database of industry for each department, students' involvement, standardization of practice.

Best Practice 2 :

1. Title of the Practice: Academic plan- preparation, action and review.
2. Objective:

- To assess the course plan prepared by faculty for timely completion of syllabus.
- To verify course file prepared by faculty as per academic calendar for each subject.

- To prepare and validate administration plan for academics.
- To cheek and validate implementation of course plan by taking feedback.
- To suggest remedial action, if any to faculty for improvement.
- To reward best faculty by giving appreciation letter to motivate them.

3. The Context:

Engineering courses are semester based. It is very much necessary to complete the syllabus in time. Therefore, academic planning and preparation is important. This to be done by Academic review committee, course file is preparation and its implementation to be done for learner's quality education. Improvement in the plan and implementation to be a continuous process to achieve target set by each faculty

4. The Practice:

our college is affiliated to University of Mumbai, Mumbai. Therefore, institute follow university's academic term schedule. Following this schedule dean of Academics prepare Academic calender for the institute. Every department prepare their own schedule for term based on academic calender. Academic commitee conduct orientation program for all the staff members to brief about course file preparation. Every year a target is set to achieve quality education. committee explains key points for course plan and course file preparation, content delivary, implementation and documentation. Significance and importance of feedback from all stakeholders is also explained. Each course file is first reviewed at departmental level by HOD. Faculty submit their plan for every week in advance and than get signed by HOD after action taken. In case if lecture is not conducted due to some unavoidable reason, then corrective action to br taken by faculty after discussions with HOD. Course plan signed by Principal once in every two weeks. AT the end of semester all course files will be kept at one place in the department. Feedback from all stakeholders will be reviewed by departmental committee.

5. Evidence of Success:

- Academic plan- préparation, action and review benefitted teachers to complete syllabus in time with suggested improvement.
- To complete course as per schedule teachers use different methods for teaching and learning.

- **Adhérence to academic calender achieved.**
- **Proper documentation created in the form of course file for each subject.**
- **Feedback mechanism from all stakeholder brought continuos improvement.**

6.Problems encountered and resources required:

Resources required for extra content creation at all levels. Innovative teaching learning methods required good internet connectivity. It is required to convert coursefile in soft copy to avoid wastage of papers.

File Description	Documents
Best practices in the Institutional web site	[View File](#)
Any other relevant information	[View File](#)

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

On Line Courses:

The college has a vision to impart a quality technical education for creating competent and ethically strong professionals. College intends to provide a friendly and healthy environment to students. The institute have distinct decentralize work system, distinct thinking to motivate young aspiring school, college students towards science field. Other distinctiveness is to motivate young graduating students to persue some online courses. This is to enhance their skills and knowledge other than the subjects they are studying. This year IEEE - Students Chapter registered college for COURSERA for campus Basic plan. This online course is designed to serve entire campus. Under this students and staff can sign up for multiple courses and guided projects for free. To get certificate they need to finish the course in specified time. Courses are downloadable and accessible for offline viewing.

Coursera offers best career path and offer multiple unique features compared to other online platforms. These courses are offered from professors of various universities all over the world. Customer support from courera is very good.

During pandemic and lockdown period this initiative was a very good

help. Many of staff and students completed courses of their interest. These courses are helpful to enhance knowledge.

Our institute also encourage students and staff to enroll with atleast one certificate course with NPTEL every year to enhance knowledge.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. To further Strengthen the ICT
2. To further enhance facilities in the Incubation Centre
3. To have more industry academic interface so that there is more corporate participation.
4. To implant Lecture captivating system in the institution for the purpose of blended learning
5. To conduct programs to encourage and support students to become entrepreneurs.
6. Initiatives for an eco-friendly learning space
7. To conduct student focused academic and skills development activities
8. The institution plans to focus more on Research and Development in the next Academic year.
9. To prepare for applying for NBA accreditation.