



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution

JCEI'S JAIHIND COLLEGE OF
ENGINEERING

- Name of the Head of the institution **DAMODAR JAGDEORAO GARKAL**
- Designation **PRINCIPAL**
- Does the institution function from its own campus? **Yes**
- Phone no./Alternate phone no. **02132242027**
- Mobile no **9096817272**
- Registered e-mail **jcoekuran@gmail.com**
- Alternate e-mail **jcei.jaihind@gmail.com**
- Address **Gat No 441, At: Kuran, Ta:
Junnar, Dist: Pune**
- City/Town **PUNE**
- State/UT **MAHARASHTRA**
- Pin Code **410511**

2.Institutional status

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

- Financial Status **Self-financing**
- Name of the Affiliating University **Savitribai Phule Pune University, Pune**
- Name of the IQAC Coordinator **Dr (Mrs) Shubhangi Gunjal**
- Phone No. **02132242047**
- Alternate phone No. **9960662727**
- Mobile **9860032927**
- IQAC e-mail address **jcoekuran@gmail.com**
- Alternate Email address **shubhangi.gunjal83@gmail.com**

3.Website address (Web link of the AQAR (Previous Academic Year)) <https://jaihind.edu.in/jcoe/naac>

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

- if yes, whether it is uploaded in the Institutional website Web link: <https://jaihind.edu.in/jcoe>

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	2.79	2018	03/07/2018	02/07/2023

6.Date of Establishment of IQAC **10/08/2016**

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
NIL	Nil	Nil	Nil	Nil

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

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

9.No. of IQAC meetings held during the year 4

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

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

- If yes, mention the amount

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

- Introduction of incentive scheme to promote R and D activity
- Motivation to faculty for NPTEL Online courses
- Encourage faculty to pursue PhD
- Improvement in First Year students performance in examination
- Guidance to students for competitive examinations

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
Arrangement of industry oriented training and skill development program by industrial experts	Skill development program organized
Establish linkage with industries through Memorandum of Understanding	MOUs signed
Promote R and D Activity by introducing incentive scheme	Incentives given to faculty members
Organize Induction Program for First Year Students	Induction program was organized for First Year Students
Provide internship to students	Students have taken industrial training
Publication of College News Letter	One News Letter is published in each semester.

Faculty are motivated to register NPTEL Online courses for quality improvement	Faculty members have successfully completed NPTEL course
Create awareness among students about social responsibility	students have donated blood
Motivate faculty to obtain PhD degree	03 faculty members have completed PhD
Improve placement of students	eligible students are placed
Faculty motivation for E-content preparation	Faculty members have created their video lectures for online teaching
Students are motivated for competitive examinations	students are selected in State and Central Government in various departments
Students are motivated for higher studies	students are pursuing higher studies
Encouragement to faculty for writing books and chapter	One faculty has authored a book
Green Campus initiative	Tree Plantation done in campus, minimized use of vehicles in campus

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

- Name of the statutory body

Name	Date of meeting(s)
College Development Committee	04/01/2023

14. Whether institutional data submitted to AISHE

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• if yes, whether it is uploaded in the Institutional website Web link:	https://jaihind.edu.in/jcoe				
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Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
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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			4		
• Were the minutes of IQAC meeting(s) and compliance to the decisions have			Yes		

been uploaded on the institutional website?	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded
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Yes

- Name of the statutory body

Name	Date of meeting(s)
College Development Committee	04/01/2023

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2021-22	22/12/2022

15. Multidisciplinary / interdisciplinary

Jaihind College of Engineering is affiliated to Savitribai Phule

Pune University (SPPU), Pune and we deliver the curriculum as per guidelines given by the Savitribai Phule Pune University. The structure of curriculum of all programs and courses are designed and developed by the Savitribai Phule Pune University. University has adopted the semester pattern and the undergraduate engineering course consists of eight semesters. In the curriculum, university has introduced Elective Subjects. Students have to select the elective subject of their choice to get the in depth knowledge in a particular domain. Elective subjects are introduced in the curriculum during 5th, 6th, 7th and 8th Semester. Savitribai Phule Pune University introduced audit courses to enhance the technical as well as non technical knowledge of the students. Students can select any audit course listed in university curriculum as per their interest.

Savitribai Phule Pune University has introduced Honors/Minors programs to make students enriched and competent enough to satisfy the multidisciplinary requirements for various job profiles and career prospects. Students from our college are availing this facility.

16.Academic bank of credits (ABC):

Our institute Jaihind College of Engineering is affiliated to Savitribai Phule Pune University (SPPU), Pune. Examination and assessment of students is done by the university. At the end of every academic session university declares the result of examination and awards the grade based on the assessment. Savitribai Phule Pune University has implemented the Academic Bank of Credits. All students from our institute who are appearing for university examination have created ABC ID.

17.Skill development:

Jaihind College of Engineering is run by an educational trust 'Jaihind Comprehensive Educational Institute' (JCEI). The vision of the trust is to provide quality education to students particularly residing in the rural areas. At present four educational institutes namely Jaihind College of Engineering, Jaihind Polytechnic, Jaihind International School and Jaihind Industrial training Institute are run by the Trust.

Our institute is located in rural area and most of the students are from rural background so there is need of holistic development of the students therefore our institute organizes

skill development program, personality development program, entrepreneurs development program and career counselling programs for the students.

Institute has signed MoU with Anudeep Foundation for enhancing skills which are required at industrial level.

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

Most of the students studying in our institute are from the rural area and they have studied their school education in the regional language which is their mother tongue. In engineering curriculum the language used in teaching learning process is English. The lectures delivered are in English language, students have to write their examination in an English language. All textbooks and reference books are available in English language. Our faculty members along with English, explain in local languages also for easy understanding of fundamentals and concepts of engineering courses.

Institute focuses on holistic development of the individual and emphasised on values such as humility, truthfulness, discipline, self-reliance and respect for all creations and make awareness about duties towards self, family and society

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

Jaihind College of Engineering is affiliated to Savitribai Phule Pune University (SPPU), Pune and we deliver the curriculum as per guidelines given by the Savitribai Phule Pune University. The structure of curriculum of all programs and courses are designed and developed by the Savitribai Phule Pune University.

Our college has implemented Outcome Based Education (OBE), a student-centric teaching and learning methodology. The course delivery, assessment are planned to achieve stated objectives and outcomes. It focuses on measuring student performance i.e. outcomes at different levels. 3 to 4 course outcomes are specified for each course. After course delivery and assessment, attainment level of Course Outcome is calculated.

Programme Outcomes are defined on the basis of specialization or discipline of a Degree. It is the interconnected arrangement of courses, co-curricular and extracurricular activities to accomplish predetermined objectives leading to the awarding of a degree. Programme Outcomes (POs) describe what students are

expected to be able to do by the time of graduation. POs are aligned with Graduate Attributes. At the end of the programme, the attainment levels of POs are measured thru CO-PO mapping.

Program Educational Objectives (PEOs) of a program are the statements that describe the expected achievements of graduates in their career, and also in particular, what the graduates are expected to perform and achieve during the first few years after graduation.

Internal and External, Direct and indirect assessment tools are used to determine the attainment level of outcomes.

The institute is using a software to ease out the tedious work and method of calculation required to determine the achievement levels of course outcomes and programme outcomes.

20.Distance education/online education:

During the academic year 2021-22 considering the uncertainty of the pandemic situation, theory classes were delivered through online mode and laboratory work was also carried out online. E-content in the form of video lectures and e-notes were developed by the faculty members.

Uniform tool was used at institute level for online academic activities. All faculty members were educated and trained for the proper use of Microsoft Teams and effective conduction of academic activities

Extended Profile

1.Programme

1.1 223

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

File Description	Documents
Data Template	View File

2.Student

2.1 1007

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 130

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

File Description	Documents
Data Template	View File

2.3 245

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1 61

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2 80

Number of sanctioned posts during the year

Extended Profile	
1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	223
File Description	Documents
Data Template	View File
2.Student	
2.1 Number of students during the year	1007
File Description	Documents
Institutional Data in Prescribed Format	View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	130
File Description	Documents
Data Template	View File
2.3 Number of outgoing/ final year students during the year	245
File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	61
File Description	Documents
Data Template	View File

3.2	80
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	26
Total number of Classrooms and Seminar halls	
4.2	318.97
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	430
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

1. The institute prepare action plan for effective implementation of curriculum delivery.

Head of the institute conducts meeting of all HOD and prepare a plan for curriculum delivery.

2. The institute`s and departmental academic calendar is prepared in line with the academic calendar of the SPPU by academic dean.

3. Head of the department conducts meeting with faculty and allocate subjects according to their choices and conducts regular meeting to take review of academic progress.

4. Faculty prepares course files

5. The students are categorized into slow and advance learners

and for better understanding of the subject the remedial classes are organized for slow learners.

6. For development of students industrial visits, expert lecture are arranged. Feedback is collected from students.

7. Unit tests are conducted to improve the performance of the students.

8. Faculty and parents meetings are held by the HOD to review the academic progress of the students and suitable remedial measures are taken.

9. Principal, HOD and faculty meetings are held to review the progress.

10. Due to Covid-19 Pandemic lockdown condition and government regulations, the classes are carried out through online mode by using Microsoft team or Google meet or ZOOM Platform.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://jaihind.edu.in/jcoe/student-section.php#ss4

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

Savitribai Phule Pune University provides academic calendar at the beginning of each sem/year.

Head of institution conduct meeting with academic dean and with all departmental head to prepare the institutional academic calendar. Head of department conduct a meeting of all faculty members for allocation of theory and practical subjects, for planning the departmental activities to be organized in a semester. The head of department prepare departmental academic calendar and get it approved from academic dean.

In the academic calendar all co curricular activities as well as extracurricular activities are mentioned. The tentative scheduled, class test, submission and university end exam dates are also mentioned.

Periodically, head of department and head of institution conduct meeting with dean academic and faculty members to review the status of departmental activities and the completion of theory and practical's.

Since, the institution is affiliated to Pune University the INSEM and ENDESM Exam are carried out as per university guidance and schedule. Most of the time it is not possible to carried out the activities as planned in the academic calendar because of the frequent changes in the university scheduled of INSEM and Practical/oral examination.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://jaihind.edu.in/jcoe/student-section.php#ss4

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

4

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
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)

14

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

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

983

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

1.3 - Curriculum Enrichment

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

The institute is affiliated to Savitribai Phule Pune University, Pune a state university in Maharashtra. The institute follow the curriculum designed and developed by Pune university. While designing the curriculum the university has included the cross

cutting issues relevant to environment and sustainability.

The institute regularly organizes seminars on women empowerment, girl's health and hygiene where experts are invited to share and deliver their experiences. The institute has implemented personality development of girls under SWO-SPPU. The college has started Women's grievance redressal Cell which meets periodically to address problems of students/ staff. The college organizes various programs to sensitize students about gender equality.

Institute has constituted anti-ragging committee to ensure ragging-free environment and Internal Complaint Committee to solve grievances. Institute organizes seminars on human values and professional ethics. Induction programme organized for first year students about the human values. The girls and boys are participated equally in the co curricular, extracurricular, cultural and sports activities.

Institute has conducted the energy audit through the agency to identify the carbon emission. Institute has proposed to install 10 KW roof-top solar PV panel to opt renewable energy source. The Institute organizes tree plantation programs regularly in campus and nearby locality.

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

43

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	No File Uploaded
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

867

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 **A. All of the above**

File Description	Documents
URL for stakeholder feedback report	https://jaihind.edu.in/jcoe/naac/feedback.php
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	View File

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

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://jaihind.edu.in/jcoe/naac/feedback.php

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

154

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

62

File Description	Documents
Any additional information	No File Uploaded
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

As per guidelines given by IQAC, advanced learners and slow learners are identified and according to that following

corrective action is taken.

For Slow Learners:

- Arranged remedial classes
- Personal guidance/coaching
- Provide study materials to them
- Extra classes for backlog subjects

For advanced learners:

- Personal counseling
- Motivation for higher studies and competitive exam
- Participate in technical events such as debates, quizzes etc
- Present/publish technical papers in conferences
- Sponsored project on advance topics
- Participated in value added courses and various training programs

File Description	Documents
Paste link for additional information	https://jaihind.edu.in/uploads/JCOE/MECH/files/Sponser_Project_List_2021-22.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
1007	61

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

Experimental learning tutorials are conducted which includes proactive teaching learning methods. Multimedia teaching methods like animated videos, demo videos, ppts are incorporated in the day to day teaching process enhance students learning levels of

the course. Expert lectures, seminars, workshops, paper presentation and industrial visits are arranged for students in every semester.

Institute has central library is well equipped with technical magazines, journals and NPTEL lectures videos. For participative learning of students the institute is organized collegiate events. Faculty and students are motivated to participate in different technical paper presentation, conferences and workshops. Students are encouraged and guided to undertake industry sponsored project. Institute organizes various technical competitions such as paper presentation, project competition, and science exhibition. Real time, society based and industry sponsored projects are allocated to students.
Problem solving Methodology

The Soft skill trainings are organized periodically with expert. A mentor is assigned for every 15-20 student.

Final year projects and Project Based Learning are the important components in the SPPU curriculum that allows the students to do active experimentation and learn by doing the things. In project based learning students solve problems, get hands-on experience of using real world components, tools, instruments, equipment and machinery.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://jaihind.edu.in/jcoe/computer/projects.php

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

Institute uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of curriculum. The following tools are used by the Institute as ICT Tools:

1. Seminar Rooms- Seminar halls are equipped with all digital facilities
2. Smart Board- One smart board is installed in the campus
3. Online Classes through Zoom, Google Meet, Microsoft Team

4. MOOC Platform (NPTEL, EXCEL R Solution, Coursera, SAP, Ude my, Edx etc)
5. Digital Library resources (DEL NET, MYLOFT etc) Use of ICT By Faculty
6. PowerPoint presentations Faculties are encouraged to use power-point presentations in their teaching by using LCD's and projectors.
7. Video lecture- Recording of video lectures is made available for students for long term learning and future referencing.
8. Teacher shares lecture notes and study material on digital media
9. PPT`s are used for well explanation for course

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

38

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

61

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
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

6

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

293

File Description	Documents
Any additional information	No File Uploaded
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.

1. Internal Assessment is only for term work which is assessed throughout the semester.
2. Assessment scheme is explained to the students to bring in transparency. Students are assessed on the basis of following criteria
3. Attendance of theory lectures and practical's performed in laboratory
4. Unit Test I and Unit Test II performance
5. Presentation and communication skills while experiments submission
6. Timely assignment completion and submission
7. Final term work marks are displayed at the end of each semester for students information
8. If any grievances regarding marks it solved by exam department.
9. Participation in extra curriculum activities like paper presentation, cultural activities and sports.
10. Participation in Industrial Visits and Internship.

File Description	Documents
Any additional information	View File
Link for additional information	https://jaihind.edu.in/jcoe/exam/index.php

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

The institute has an examination cell and grievances, examination related queries received from the students are put up in the examination committee/cell and solved by committee. The committee takes appropriate action.

For Semester I:

During COVID-19 pandemic online examinations were conducted for all the students. Internal examination related grievances are as:

Following are the grievances raised in COVID 19 pandemic:

1. Poor internet connectivity due to natural circumstances.
2. Problems in log-in and auto log-out

3. Images not displayed properly
4. Self/family member is COVID 19 positive/ quarantined.
5. For such students Re-examination/Re-test were conducted

For SEMESTER II:

Internal Test Marks- Assessed answer sheets of class test examination are shown to the students and their queries are rectified by the concern faculty.

Term work marks-

1. As per the students continuous performance in a semester term work marks are given and displayed on notice board.
2. The students can submit the grievance to respective department.
3. Such grievances are forwarded to exam cell.
4. Exam cell resolve the issues by their end within short time.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	https://jaihind.edu.in/jcoe/exam/index.php

2.6 - Student Performance and Learning Outcomes

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

Mechanism of Communication of POs and COs:

Program Outcomes (POs) are communicated to the students, teachers, staff and other stakeholders through the following ways:

1. Displayed at main entrance of the departments.
2. Published through institute website- <http://jaihind.edu.in>
3. Conveyed during various value added courses, workshops, seminars, induction programs.
4. Conveyed during teaching learning process, tutor meetings.
5. Printed on laboratory manuals, project log book.
6. CO`s and PO`s are displayed on attendance book.
7. Laboratories through display boards

8. On Library wall
9. In course files

Course Outcomes (COs) are communicated to the students through the Following ways:

1. COs are published through institute website-
<http://jaihind.edu.in>
2. COs are made available on course syllabus copies, notes, hand-books and lab manuals.
3. Course syllabus copies, notes, presentations and lab manuals are also made available on online mode platform (Microsoft team)
4. CO`s and PO`s are communicated to students while classroom teaching.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://jaihind.edu.in/jcoe/computer/pos.php
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Attainment of Programme outcomes:

All the courses which contribute to PO are identified and these courses are evaluated through the Course Outcomes using direct assessment tools such as Internal and External examinations and indirect assessment tool such as (Course End Survey). After the assessment of the POs using both the direct and indirect assessment tools, the overall results from the assessments of the PO are compared with the expected attainment.

Attainment of Course outcomes:

External assessments are carried out for in semester, end semester examination, oral/practical examination. Internal Assessments are term work, evaluation of laboratory work and

Class tests, assignments etc. For CO and PO mapping the institute has purchased software for assessment of outcomes.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://jaihind.edu.in/jcoe/computer/pos.php

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

264

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	https://jaihind.edu.in/jcoe/computer/results.php

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://jaihind.edu.in/jcoe/student-section.php#ss8>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

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

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

3.1.2.1 - Number of teachers recognized as research guides

3

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

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

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

3.2 - Innovation Ecosystem

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

The institute has created an ecosystem for Research and Innovation. Centre for Innovation, Incubation & Linkages has been established at Savitribai Phule Pune University as per Maharashtra Public University Act 2016 to promote the culture of Startups & Innovation among students. Our college has constituted "Startups & Innovation Cell". Students participate in "AVISHKAR" (Innovative Idea Competition) organized by Pune University. Our institute provides a conducive environment for promotion of innovation. Students are guided and all facilities are provided and Guidance is extended to the students. Students are encouraged to actively involve in the application of technology for societal needs. Institute is applying for Research Centers in the departments and this would be an added advantage to the students to develop their prototypes. The faculty & students are encouraged to take up research & developmental activities by utilizing the existing resources. Guest lectures and workshops on emerging trends in technology are held regularly in the college. Students are encouraged to gain hands on experience and better industrial exposure by providing internship in industrial organizations. Awareness meets, workshops, seminars and guest lectures on Entrepreneurship are organized. Students are provided opportunities to directly interact with the entrepreneurs excelling in their field. The Local Entrepreneurs are invited to address the students and inspire them.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jaihind.edu.in/jcoe/edc/index.php

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

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

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

3.3 - Research Publications and Awards

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

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

0

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

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

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

47

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

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

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

1

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

3.4 - Extension Activities

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

As the Shivneri Fort is near to the institute we are celebrating Shivajayanti every year in the campus. To make awareness in the students about the importance of historical places institute organizes "Gadh Swachhta Abhiyaan" at Shivneri Fort. Each department has students associations ACES, CESA, MESA and ETESA.

Institute has NSS and SWO unit approved by the SPPU University. Institution has National Service Scheme unit got approval from Govt. of India. Students will voluntary participated in these activities and will encourage in improvement of various social activities as per the guidelines. Under NSS regular activities and special winter camp are organized at village (Basti Sawargaon) is adopted for three year where students promote awareness about issues related to-

1. Women empowerment
2. Importance of Education
3. National Yoga Day
4. Social issues
5. Environmental awareness
6. Cashless program
7. Swatch Bharat Abhiyan
8. Essay Competition
9. Tree plantation

10. Vanarai Bhandara

11 Gad Swachata Abhiyan

12.Art of living

13. Voter` sawareness etc.

14.21 days surya namaskar activity

Institute organizes special programs for the students like blood donation camp, blood group and hemoglobin check up camp, yoga day celebration and woman health awareness camp.

File Description	Documents
Paste link for additional information	https://jaihind.edu.in/jcoe/nss/about.php
Upload any additional information	View File

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

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

5

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

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

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

11

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

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

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

1180

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

3.5 - Collaboration

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

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

162

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

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

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

13

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
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.

Microsoft Teams software which license is purchased by the institute .In COVID 19 the lectures are conducted in online mode through this software. Lectures capturing system is also available in the institute.

The institution has adequate facilities for teaching-learning viz., classrooms, laboratories, computing equipment, etc. Institution believes that a healthy teaching learning environment is one of the biggest assets to ensure quality education to the students. The institution follows the norms provided by AICTE and SPPU for creating and enhancing the infrastructure that facilitate effective teaching and learning. The institute always tries to develop good and modern infrastructure for classroom, laboratory, seminar rooms, and office stationery store. The institute have well equipped library. Institute have internet facility in total campus. All the departments are fully equipped with infrastructure such as HOD cabin, Faculty rooms,dedicated lab, seminar rooms. The seating capacity of class room is of 60 students, Well-equipped with mounted LCD projectors, white screens, podium, white boards.The institute has separate infrastructure for library,

Administrative work, Principal cabin, pantry, exam section, Xerox facility.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jaihind.edu.in/jcoe/etc/labs.php

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

The institute has indoor and outdoor sports facilities. For indoor sports activities institute have

Carom, Chess, table tennis and for outdoor sports cricket, volley ball, basket ball, kho-kho, kabbaddi ground is available. Separate well qualified sportsman is appointed by the institute. Well equipped gymnasium is available in campus. The institution has sports room and store room. There is provision for providing TA/DA to players for participation in university or state level competitions. The institute have cultural club for which coordinator is appointed to look after all the activities. The cultural club organizes different activities like festival celebration (Dahi Handi, Ganesh Festival, Shiv Jayanti), annual gathering, different days like teachers day, engineers day.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jaihind.edu.in/jcei/campus.php

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

11

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://jaihind.edu.in/jcei/campus.php
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)

96L

File Description	Documents
Upload any additional information	No File Uploaded
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)

Name of ILMS software: Auto Lib NX software and Web OPAC

Nature of automation: Fully automated

Version: Auto Lib NX

Year of Automation: From 2012 to lifetime

OPAC Online Public Access Catalogue (OPAC) is provided to maximize access to the library collection with respect to a search by Author / creator name, Title of the book, Keyword, Publisher name, edition.

For Library automation Auto Lib NX is used for the accession to

the library. Barcode code system is used for the reference and full proof recording and reporting is maintained for the students and faculties.

Total number of volumes is 12574 and titles are 3395 available in the library. To connect students with the external world for the latest updates hardcopies of the 81 national/international journals are available in the library.

There are 10 computer systems are available for the access of e-material and other library facilities. NMEICT connectivity with 10 mbps is made available under MoU with Bharat Sanchar Nigam Limited.

Internet band width/ speed: 80 Mbps Leased line and 20 Mbps Broadband OFC uninterrupted Internet connection is available for the web access. Two separate reading halls available for students. One reading hall is available for 24/7 hrs.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://jaihind.edu.in/jcoe/library/index.php

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)

0.36

File Description	Documents
Any additional information	View File
Audited statements of accounts	No File Uploaded
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

52

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

In the first half of the academic year due to COVID 19 the lectures are through Microsoft Teams software which license is purchased by the institute. Lectures capturing system is also available in the institute.

Institute adhere the norms laid by AICTE, DTE and University and provides the facilities required for smooth conduction of administration and academic work. Management has provided and updated institutional IT infrastructure time to time to fulfill the norms. Institute is started in 2010 with 4 courses of Bachelor Degree Engineering. Computer Center, Language Laboratory and digital library are provided for academics. Also desktops are provided to the Principal, administrative office, exam department, course wise department, library administration. Progressively, IT infrastructure and facilities are added as required by norms as well as curriculum of University.

WiFi facilities are provided in the campus. Dedicated 100mbps leased line internet connectivity of BSNL is available.

Necessary system and application software are available in all respective laboratories. To support computer assist teaching and learning we promote open source software tools like colab , pycharm ,VScode JDK, Star UML, Eclipse, G++, gcc, SSH, My-sql server and client ,Autocad, Matlab, Pro-E ,Scilab, Oracle, Jupiter notebook ,Anaconda.

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

4.3.2 - Number of Computers

430

File Description	Documents
Upload any additional information	View File
List of Computers	View File

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

File Description	Documents
Upload any additional Information	No File Uploaded
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)

67.82 L

File Description	Documents
Upload any additional information	No File Uploaded
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.

1. The institute has separate established department which takes care of maintenance of all buildings in the campus
2. Electrician is appointed for general electrical maintenance
3. The requirement of maintenance of sports equipments is given to principal by sportsman.
4. The cleaning of the classrooms, furniture's and parking area are maintained by the non-teaching staff and Institute goes for the maintenance contract to the experts

Process of lab maintenance:

1. The lab equipments are checked by lab in charge
2. All labs in charges collect their individual labs requirements and submitted to departmental lab coordinator
3. Lab coordinator prepared one proposal of all requirements received from lab in charges and submits to respective HOD along with quotations
4. HOD send this requirements and quotation to principal for discussion with management
5. From management final approval is taken and maintenance activities carried out in respective labs
6. Lab in charge re-inspects the instruments and performs the practicals as per manual after maintenance
7. Lab reports are prepared by lab in charge and submit to principal for paying remuneration amount
8. Final Bills and Purchased order are submitted to purchase department and said amount to be paid to that external agency

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

839

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
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

5

File Description	Documents
Upload any additional information	View File
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	Nil
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

1

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

1

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted 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

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	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

101

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	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

7

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
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

2

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

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)	No File Uploaded

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

Students constitute a major stakeholder in the institutional growth. Utilization of the support and ideas of the students is

the paramount requirement for the prosperity and well-being of the institute. JCOE always strives to build a relation of mutual respect and inculcate a sense of pride amongst the students for their own institute. Institute has a Students' Council (performs its duties prescribed under section 40(3) of Maharashtra Universities act, 1994), which is constituted with the student's representatives from all classes. Students are nominated in various committees such as Anti-Ragging committee, Internal Complaints Committee, National Service Scheme, departmental Students Association, ISTE Students Chapter, SC-ST Category Cell, Technical committee, Cultural committee, Sports committee etc

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

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

15

File Description	Documents
Report of the event	View File
Upload any additional information	View File
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)	View File

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

There is a registered Alumni Association (Registration Number is Mah/1401/2019/Pune) that contributes significantly to the

development of the institution through financial and/or other support services. Alumni provide feedback on infrastructure development and other academic related matters of the college and suggest gaps in syllabus considering current demands of industry. The alumni of the institute guide and support the students for their project work or any other competitions such as Go-kart, Avishkar etc. They also provide infrastructure facilities at their own end wherever possible and the technological need arises.

Industry Advisory Board of Alumina bridges the gap between industry requirements and the curriculum implemented by the institution.

Expert advice, seminars, industrial visits etc. will play a vital role for enhancement of technical knowledge of the students. Alumni also help for placement activities and internships of the institute students. For the social and professional development of students alumni interacts with students thru lecture talks and webinars.

To become entrepreneurs alumni encourage and guide the students of the institute.

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

5.4.2 - Alumni contribution during the year A. ? 5Lakhs (INR in Lakhs)

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

The vision statement of the institute is "Contribute to socio-economic development of the nation by imparting High Quality

Technical Education to the students of rural background in the country".

The mission statement of the institute is "Realize the dream of building a great nation through development of rural students in a healthy environment of highly qualified faculties and boosting up their technical skills by providing excellent knowledge of engineering fundamentals and the best education in the country."

The management of institute, Board of Trustees, Governing Council, College Development Committee, Chief Executive officer, Internal Quality Assurance Cell, Principal, Head of department, and faculty focus on development of institute.

To achieve institutes Vision, Mission, Goals, and Objectives As per the management directives the Principal, Registrar, IQAC, Academic Dean, Dean R&D, Various institute level committee and HODs come together to make the strategic plan for the overall development of institute. The institute formulates the academic and financial action plans for the upcoming year to achieve the vision mission of the institute. Teaching and non-teaching staff members are nominated on various committees which plans and monitor the development of the institute.

File Description	Documents
Paste link for additional information	https://jaihind.edu.in/pdf/Code%20of%20Conduct.pdf
Upload any additional information	View File

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

Institute promotes culture of participative management. The committees are set up to execute predefined strategies that emphasize active involvement of faculty and staff members as mentioned below:

Top Management Level:

Governing Council, Chief Executive Officer and CDC provides policies and guidelines focusing vision and mission of the institution.

Principal's Administration:

This is the key node that provides effective administration by handling academic and all college level administration.

Dean Academic: All the activities related to academic curriculum managed by dean academic.

Dean R&D: Activities related to research work and different project competitions arranged by Dean R&D

IQAC Coordinator: To develop and apply various quality related activities for academic, administrative, learners centric, extracurricular and outcome based activities.

Head of Department: To take care of overall development of the program

Faculty level: Faculty plays key role in the development of students. Faculty has full authority to organized seminar, workshops, guest lectures, and industrial visits for the development of students.

File Description	Documents
Paste link for additional information	https://jaihind.edu.in/pdf/Code%20of%20Conduct.pdf
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 stated quality policy. It is prepared by the Governing Body top management. The institute undertakes various activities to fulfill the quality policy. Various committees are formed by the principal.

The objectives of our institute are as follows.

- To enhance industry institute interaction.
- To strive hard for academic excellence.
- To achieve maximum placement.
- To create good engineers to serve nation.

The institute has a perspective plan for continuous development of the institute.

1. Establishment of Research centre in the institute.
- 2.Improving the number of MOU's with renowned educational institutes, industries, national and International organization
3. Accreditation by national/international organization
4. Internal revenue generation through consultancy by using available resources of institute.
- 5.Social transformation and upliftment of rural masses through the Technical Education.
- 6.Enhance the academic excellence

Successfully implemented many strategic plans by the institute such as:

1. Industry Institute Interaction cell: The institute interacts with the various industries to reduce the gap between the industry and academia by conducting activities like seminar, workshop, value added courses, industrial visit, industrial trainings
2. Training and placement cell: Various industrial training sessions are arranged
3. Research and development cell: Faculties and students participated in various conferences and competitions.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://jaihind.edu.in/jcoe/about.php
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.

Recruitment Strategy:

During UGC interviews, Roaster for Teaching faculty is approved

by Reservation Cells of State Government and SPPU. Advertise is finalized as per seats and reservation allotted.

This advertises is published in national news papers. With respect to advertisement, applications are invited from eligible candidates. University appoints the selection committee with V.C. nominees and subject experts for various subjects. These panels conduct the interviews of eligible candidates.

As per recommendation and joining of the candidates, Institute forwards the proposal of these candidates to University for approval.

Promotional Policies

The institute has laid down promotional policies consist of the performance appraisal information includes General information and academic background, course/workshops/STP attended during the year. Appraisal is reviewed with face to face interaction with the management and presentation on self appraisal.

Grievance Readdressal Mechanism

The institute has constituted a grievance readdressal committee. Suggestion boxes are located at all important places of the institutes wherein stakeholders can freely drop their grievance, suggestions and requests. These grievances can be directly communicated to the principal.

The Principal is the Head of the Institution who looks after both academic and administrative matters and acts as a bridge between the management, staff and students. Administrative works with

Principal is executing general administrative works.

File Description	Documents
Paste link for additional information	https://jaihind.edu.in/jcoe/about.php
Link to Organogram of the institution webpage	https://jaihind.edu.in/pdf/Code%20of%20Conduct.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	No File Uploaded
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
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

The institute is taking continuous efforts for the professional development of its teaching and non teaching staff by organizing various programs. Institute provides duty leave and financial support to the faculty for attending workshops, seminars, national and international conference, FDPs etc.

IInstitute has provided PF to non-teaching staffs. Institute provides residential facility for the staff members. Summer and winter vacations are given to teaching and non-teaching staff as per university guidelines. Casual leave and medical leave are given to all employees. Maternity leave is also granted to the women employees. The institute allows faculties to go for higher studies and short term courses.

Tuition fees collected in equal monthly installments (EMI) for wards of the staff. Institute provides uniforms to peons, class IV staff, drivers and workshop instructors. Uniform is being provided for security personals with all required accessories. Medical facility on campus, ambulance in case of emergency is also being provided for all staff.

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

33

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	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

6

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	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

24

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
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

In academic year 2021-22, institute has laid down guidelines for performance appraisal system which consist of self appraisal and appraisal by review officer. The performance appraisal

information includes General information and academic background, course/workshops/STP attended during the year and academic performance information. In "Self-Appraisal Form" faculty member gives the details of his/her performance and participation in all the activities assigned to him/her by the department /college. The respective HOD gives their remarks on the performance of the faculty member. Appraisal is reviewed face to face interaction with the management and presentation on performance appraisal. Annual assessment of performance based on appraisal system is adopted as per guidelines of University and Government of Maharashtra.

The institution evaluates non-teaching staff based on performance in technical support and administration related activities, co curricular, professional, development related activities, academic contributions, general conduct and qualities.

File Description	Documents
Paste link for additional information	https://jaihind.edu.in/jcoe/about.php
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

Institution has its own internal audit team, by management to ensure smooth functioning of administration, financial reporting and identification of errors and frauds. The internal audit procedure to make sure that internal control designed by management is in proper place and working effectively. Further internal audit team takes monthly review of accounting and financial reporting done by institute.

Further after end of financial year an external auditor namely ANRK & Associates LLP, Pune conducts external audit under Bombay Public Trusts Act, 1950 and Income Tax Act 1961 to satisfy themselves that financial reporting done by institute's management is true and fair and provide Independent Auditors Report under respective Acts.

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)

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

In the institute various committees are formed for maintaining mobilization and utilization of funds.

Mobilization of fund:

1. Student Tuition fee is the major source of income for the institute.
2. Alumni contribute to the institute by raising funds to purchase items like water coolers, wall clocks,

Utilization of Funds

1. A finance committee has been constituted to monitor the optimum utilization of funds for various recurring and non-recurring expenses.
2. The purchase committee seeks quotations from vendors for the purchase of equipment, computers, books, etc.
3. The quotations are scrutinized by the finance and purchase committee before a final decision is made based on

parameters like pricing, quality, terms of service, etc.

4. The Principal, finance and purchase committees along with the accounts department ensure that the expenditure lies within the allotted budget

Resource Mobilization Policy and Procedure

1. Before starting of academic finance budget is prepared by considering recurring expenses such as salary, electricity and internet charges, stationary & other maintenance costs, lab equipment purchases, furniture, and other development expenses.
2. The budget is scrutinized and approved by the top management and Governing Council.

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

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

Institute executes the following activities to assure the quality education. Preparation of academic Plan: Before commencement of academic year, Principal calls meeting with Academic Dean and Head of Departments to prepare academic plan. Academic plan is prepared in accordance with Savitribai Phule Pune University academic calendar. All curricular activities and events are included in this academic calendar. Execution and monitoring of academic plan: Prepared academic calendar is communicated to each faculty through head of department and subjects are allocated to the faculty to prepare their subject wise teaching and laboratory plan. Classwise and divisionwise timetables are prepared by departmental timetable in charge for class and laboratories with approval of head of department. Internal assessment test: As per academic calendar, internal class tests are conducted to review the progress of students. These class tests are conducted and assessed by the respective departments. The assessment results are displayed on departmental notice board for students. Collecting feedback from stakeholders: Student's feedbacks are taken by head of department to minimize the lacuna in teaching learning

methodology. Poor student's performances are communicated to the respective parents. Mentoring the students: Student guardian scheme is implemented by the institution to improve the performance of the students. Developing Infrastructures: As per the requirement of changing syllabus by the university, laboratories are developed to meet the requirements time to time.

File Description	Documents
Paste link for additional information	https://jaihind.edu.in/jcoe/naac/igac
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

The IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process. The Academic Calendar is prepared in advance, displayed and circulated in the Institute and strictly followed. Admission to various programmes, summer, winter and mid-term vacations, examination schedule and declaration of results are notified in the Academic Calendar. All newly admitted students have to compulsorily attend the Orientation Programme, in which they are made aware of the philosophy, the uniqueness of the Education system, the teaching-learning process, the system of continuous evaluation, compulsory core courses, various co-curricular activities, discipline and culture of the Institute. Feedback is properly analyzed and shared with the Director, Deans, HODs and individual faculty members. The teaching-learning processes are reviewed, and improvements implemented, based on the IQAC recommendation.

File Description	Documents
Paste link for additional information	https://jaihind.edu.in/jcoe/naac/igac-minutes.php
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of

B. Any 3 of the above

**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)**

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

Internal complaint committee and Grievance Redressal Committee are the committees related to girls counseling and other issues. Women's day is celebrated on 8th March 2021 with motivational talk. For promotion of gender equity institute arranged workshops, seminars, guest lectures .All students are equally treated in all the extracurricular and co curricular students' activities.

Regular guidance is provided to the girls about the health and hygiene.

Lady Doctors are invited twice in a semester for Health awareness activities for girl's students under the internal complaint committee. Gender equality promotion program organized in the institute. In campus, security guards are provided and CCTV for surveillance. Anti-ragging squads are daily observes the campus activities to ensure the safety and security.

Separate common rooms are provided to girls and boys.

Sanitary napkin Vending machine is provided for girls.

Adequate no. of toilets is provided in building.

Separate girls hostel with rector is provided for girls students.

File Description	Documents
Annual gender sensitization action plan	Nil
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://jaihind.edu.in/pdf/otherfacility.pdf

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

C. Any 2 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

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

In the institute Reduce, Reuse and Recycle policy is implemented.

Solid waste management:

The institute has outsourced the work of cleaning the campus of the external agency. Every day all the academic building & surrounding campus is cleaned by the external agency.

The old jobs are reused for student workshop practical.

Plastic, papers etc. are sold out to scrap vendor. One side printed papers are reused. The paper wastes are shredded, sold to agency for recycling.

Liquid waste management:

Institute has developed the sewage treatment plant to manage sewage and liquid waste through the project initiated by students. The liquid effluent filtered through this plant is used for watering of trees.

E-waste management:

E-waste is collected & is sold out to the buyers. Electronics goods are put to optimum use. The minor repairs are set right by staff & laboratory assistant and major repairs are carried out by professional technicians. The UPS batteries are recharged/repaired/exchanged by the supplier.

Biomedical waste management:

It is not generated in the institute.

Hazardous chemicals and radioactive waste management:

Liquid waste from laboratories is collected separately and after giving treatment, treated waste water is disposed in sand pit. No any radioactive waste generated in institute.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	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

A. Any 4 or all of the above

campus

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

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

B. Any 3 of the above

- 1.Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

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

B. Any 3 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	No File Uploaded
Any other relevant information	No File Uploaded

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment

5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

C. Any 2 of the above

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

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

Foundation Day of the Institute is a 02nd October, which is a Birth anniversary of Mahatma Gandhi and Lal Bahadur Shatri. Institute has a tradition to celebrate this day with celebration of various activities like blood donation camp, tree plantation,

and medical check-up.

Birth anniversary of Dr. S. Radhakrushnan is celebrated as a "Teacher's Day" by conducting various activities like special guidance from personalities available from industries, research institutes. "Engineer's Day" is celebrated on the occasion of birth anniversary of Dr. V. Mokshagundam. "Shiv Chatrapati Shivaji Jayanti" is celebrated as Shiv Jayanti on 19th February in campus by organizing drama, ralley and speeches of personalities from the fields.

Independence Day, Republic day are celebrated in the campus every year.

The SC/ST committee is organizes meetings to ensure harmony among students.

Festivals are celebrated in the campus such as Dahihandi, Ganesh Festival, Shivjayanti which Showing religious harmony.

The institute maintains always supports for holistic culture in the campus.

All faculties are from Maharashtra, creates well comprehensive culture among the faculties.

The dress code is adopted to avoid social and economic disparity.

The institute allows students to pay fees in installment.

The Earn and Learn Scheme is effectively implemented for students.

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

Activities for constitutional obligations:

Every day, Morning schedule starts with National anthem and ends with National Song in the evening centrally. Constitutions Day, National Voters Days are celebrated. For creating awareness about registration in voter's list, students register themselves in voter's list.

Activities for Duties and responsibilities of citizens:

1. Every faculty, students and staff follows the dignity of national anthem and national song.
2. Institute celebrates Independence Day, Republic day and birth/death anniversaries of freedom fighter are every year with faculty and students.
3. The distinguished personalities visited the campus during annual gathering and guided the students regarding values and ethics.
4. The volunteers of National Service Scheme created awareness about Indian constituents, COVID 19 and conducted tree plantation program.
5. Blood Donation Camp and health check up camp

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://jaihind.edu.in/jcoe/nss/index.php
Any other relevant information	Nil

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

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

National commemorative days/Events:

Foundation Day of the Institute is a 02nd October, which is a Birth anniversary of Mahatma Gandhi and Lal Bahadur Shatri are celebrated every year in the institute.

"Chattrapati Shivaji Maharaj Jayanti" is celebrated as Shiv Jayanti on 19th February in campus by organizing drama, ralley and speeches of personalities from the fields.

"Sadbhavana Din" is celebrated as a birth anniversary of former Prime Minister Late Shri Rajiv Gandhi.

Birthday of Dr.A.P.J Abdul Kalam.

Savitribai Phule birth anniversary

Constitutional Day

"Yuva Saptah (Week) is celebrated on the occasion of birth anniversary of Swami Vivekanand.

"Dr.Babasaheb Ambedkar Jayanti is celebrated in the institute.

"Engineer's Day" is celebrated on the occasion of birth anniversary of Dr. V. Mokshagundam.

Birth anniversary of Dr. S. Radhakrushnan is celebrated as a "Teacher's Day" by conducting various activities like special guidance from personalities available from industries, research

institutes.

Ahilyadevi Holakar Death anniversary.

International commemorative days/Events:

Science day is celebrated on 28th February, 2021.

International women`s day is celebrated on 8th March, 2021.

International Yoga Day is celebrated on 21th June.2021.

Festivals:

The Ganesh festival is celebrated for five days.

Datt Jayanti

Dahihandi

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	No File Uploaded

7.2 - Best Practices

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

1. Title of the Practice

Student-Guardian Scheme 2. Objectives: To monitor overall progress of students during his graduation

To provide guidance in Learning process for the best use of facilities provided by the institute. To improve presentation skill /written skill and communication skill. To provide support in ups and down in academics of the students. To provide personal counseling to the students. To develop leadership qualities. To monitor overall progress and provide academic,

personal professional and emotional support to the mentee.

2. Title of the Practice : "Employability Enhancement by providing professional skills to students."

Objectives of the Practice:

To enhance graduate attributes in students by professional development programs.

To increase confidence in the students.

To upgrade skill sets required for professional career and campus placements.

3. Title of the practice:

Green , Clean, Energy efficient and Pollution free campus.

Objectives of the Practice:

To create pollution free environment by tree plantation in the campus and its surroundings.

Solar power grid system is installed and used as a natural resource for energy.

To use solar water heaters for student's hostels.

To promote green and clean power to reduce the Carbon emission.

File Description	Documents
Best practices in the Institutional website	https://jaihind.edu.in/jcoe/BestPractices.php
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

The JCEI's institutes have their strong vision for social

transformation and up-liftment of rural masses through Technical Education. Jaihind College of Engineering affiliated to Savitribai Phule Pune University (SPPU) .The number of students admitted to JCEI's institutes is generally from Rural and Tribal area. Institute provides ideal environment focused on education. The pleasant atmosphere with lush green surroundings forms the right education ambiance. The institute is setting up higher benchmarks from time to time for ensuring the excellence of students in education.

1. Dr D S Galhe completed Ph.D. in Mechanical Engineering from J.J.T University Rajasthan in the month of June 2022.
2. Dr. (Mrs.) S. D.Gunjil and Dr. A A Khatri were completed Ph.D. in Computer Engineering from J.J.T University Rajasthan in the month of Feb 2022.
3. Dr Mrs V M Dhede is recognized as PhD Guide from Savitribai Phule Pune Unviversity,Pune
4. Dr Rahul M Mulajkar has published TextBook 'Digital Signal Processing" from Techneo Publication
5. Institute has become Institutional Member of Indian Society for Technical Education (ISTE) New Delhi.
Professional Body activities: Faculty Chapter and Students Chapter of ISTE, Students Chapter of Indian Geotechnical Society established in the institute.

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

1. The institute prepare action plan for effective implementation of curriculum delivery.

Head of the institute conducts meeting of all HOD and prepare a plan for curriculum delivery.

2. The institute`s and departmental academic calendar is prepared in line with the academic calendar of the SPPU by academic dean.

3. Head of the department conducts meeting with faculty and allocate subjects according to their choices and conducts regular meeting to take review of academic progress.

4. Faculty prepares course files

5. The students are categorized into slow and advance learners and for better understanding of the subject the remedial classes are organized for slow learners.

6. For development of students industrial visits, expert lecture are arranged. Feedback is collected from students.

7. Unit tests are conducted to improve the performance of the students.

8. Faculty and parents meetings are held by the HOD to review the academic progress of the students and suitable remedial measures are taken.

9. Principal, HOD and faculty meetings are held to review the progress.

10. Due to Covid-19 Pandemic lockdown condition and government regulations, the classes are carried out through online mode by using Microsoft team or Google meet or ZOOM Platform.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://jaihind.edu.in/jcoe/student-section.php#ss4

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

Savitribai Phule Pune University provides academic calendar at the beginning of each sem/year.

Head of institution conduct meeting with academic dean and with all departmental head to prepare the institutional academic calendar. Head of department conduct a meeting of all faculty members for allocation of theory and practical subjects, for planning the departmental activities to be organized in a semester. The head of department prepare departmental academic calendar and get it approved from academic dean.

In the academic calendar all co curricular activities as well as extracurricular activities are mentioned. The tentative scheduled, class test, submission and university end exam dates are also mentioned.

Periodically, head of department and head of institution conduct meeting with dean academic and faculty members to review the status of departmental activities and the completion of theory and practical's.

Since, the institution is affiliated to Pune University the INSEM and ENDESM Exam are carried out as per university guidance and schedule. Most of the time it is not possible to carried out the activities as planned in the academic calendar because of the frequent changes in the university scheduled of INSEM and Practical/oral examination.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://jaihind.edu.in/jcoe/student-section.php#ss4

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

4

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
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)**

14

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

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

983

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

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

The institute is affiliated to Savitribai Phule Pune University, Pune a state university in Maharashtra. The institute follow the curriculum designed and developed by Pune university. While designing the curriculum the university has included the cross cutting issues relevant to environment and sustainability.

The institute regularly organizes seminars on women empowerment, girl's health and hygiene where experts are invited to share and deliver their experiences. The institute has implemented personality development of girls under SWO-SPPU. The college has started Women's grievance redressal Cell which meets periodically to address problems of students/ staff. The college organizes various programs to

sensitize students about gender equality.

Institute has constituted anti-ragging committee to ensure ragging-free environment and Internal Complaint Committee to solve grievances. Institute organizes seminars on human values and professional ethics. Induction programme organized for first year students about the human values. The girls and boys are participated equally in the co curricular, extracurricular, cultural and sports activities.

Institute has conducted the energy audit through the agency to identify the carbon emission. Institute has proposed to install 10 KW roof-top solar PV panel to opt renewable energy source. The Institute organizes tree plantation programs regularly in campus and nearby locality.

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

43

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	No File Uploaded
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships	
867	
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	A. All of the above
File Description	Documents
URL for stakeholder feedback report	https://jaihind.edu.in/jcoe/naac/feedba ck.php
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	View File
1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
File Description	Documents
Upload any additional information	View File
URL for feedback report	https://jaihind.edu.in/jcoe/naac/feedba ck.php

TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment Number Number of students admitted during the year	
2.1.1.1 - Number of students admitted during the year	
154	
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	
62	
File Description	Documents
Any additional information	No File Uploaded
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	
As per guidelines given by IQAC, advanced learners and slow learners are identified and according to that following corrective action is taken.	
For Slow Learners:	
<ul style="list-style-type: none"> • Arranged remedial classes • Personal guidance/coaching • Provide study materials to them • Extra classes for backlog subjects 	
For advanced learners:	

- Personal counseling
- Motivation for higher studies and competitive exam
- Participate in technical events such as debates, quizzes etc
- Present/publish technical papers in conferences
- Sponsored project on advance topics
- Participated in value added courses and various training programs

File Description	Documents
Paste link for additional information	https://jaihind.edu.in/uploads/JCOE/MECH/files/Sponser_Project_List_2021-22.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
1007	61

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

Experimental learning tutorials are conducted which includes proactive teaching learning methods. Multimedia teaching methods like animated videos, demo videos, ppts are incorporated in the day to day teaching process enhance students learning levels of the course. Expert lectures, seminars, workshops, paper presentation and industrial visits are arranged for students in every semester.

Institute has central library is well equipped with technical magazines, journals and NPTEL lectures videos. For participative learning of students the institute is organized collegiate events. Faculty and students are motivated to participate in different technical paper presentation, conferences and workshops. Students are encouraged and guided

to undertake industry sponsored project. Institute organizes various technical competitions such as paper presentation, project competition, and science exhibition. Real time, society based and industry sponsored projects are allocated to students. Problem solving Methodology

The Soft skill trainings are organized periodically with expert. A mentor is assigned for every 15-20 student.

Final year projects and Project Based Learning are the important components in the SPPU curriculum that allows the students to do active experimentation and learn by doing the things. In project based learning students solve problems, get hands-on experience of using real world components, tools, instruments, equipment and machinery.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://jaihind.edu.in/jcoe/computer/projects.php

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

Institute uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of curriculum. The following tools are used by the Institute as ICT Tools:

1. Seminar Rooms- Seminar halls are equipped with all digital facilities
2. Smart Board- One smart board is installed in the campus
3. Online Classes through Zoom, Google Meet, Microsoft Team
4. MOOC Platform (NPTEL, EXCELR Solution, Coursera, SAP, Udemy, Edx etc)
5. Digital Library resources (DEL NET, MYLOFT etc) Use of ICT By Faculty
6. PowerPoint presentations Faculties are encouraged to use power-point presentations in their teaching by using LCD's and projectors.
7. Video lecture- Recording of video lectures is made available for students for long term learning and

future referencing.

8. Teacher shares lecture notes and study material on digital media

9. PPT`s are used for well explanation for course

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

38

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

61

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
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

6

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

293

File Description	Documents
Any additional information	No File Uploaded
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.

1. Internal Assessment is only for term work which is assessed throughout the semester.
2. Assessment scheme is explained to the students to bring in transparency. Students are assessed on the basis of following criteria
3. Attendance of theory lectures and practical's performed in laboratory
4. Unit Test I and Unit Test II performance
5. Presentation and communication skills while experiments submission
6. Timely assignment completion and submission
7. Final term work marks are displayed at the end of each

semester for students information

8. If any grievances regarding marks it solved by exam department.
9. Participation in extra curriculum activities like paper presentation, cultural activities and sports.
10. Participation in Industrial Visits and Internship.

File Description	Documents
Any additional information	View File
Link for additional information	https://jaihind.edu.in/jcoe/exam/index.php

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

The institute has an examination cell and grievances, examination related queries received from the students are put up in the examination committee/cell and solved by committee. The committee takes appropriate action.

For Semester I:

During COVID-19 pandemic online examinations were conducted for all the students. Internal examination related grievances are as:

Following are the grievances raised in COVID 19 pandemic:

1. Poor internet connectivity due to natural circumstances.
2. Problems in log-in and auto log-out
3. Images not displayed properly
4. Self/family member is COVID 19 positive/ quarantined.
5. For such students Re-examination/Re-test were conducted

For SEMESTER II:

Internal Test Marks- Assessed answer sheets of class test examination are shown to the students and their queries are rectified by the concern faculty.

Term work marks-

1. As per the students continuous performance in a semester term work marks are given and displayed on notice board.
2. The students can submit the grievance to respective department.
3. Such grievances are forwarded to exam cell.
4. Exam cell resolve the issues by their end within short time.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	https://jaihind.edu.in/jcoe/exam/index.php

2.6 - Student Performance and Learning Outcomes

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

Mechanism of Communication of POs and COs:

Program Outcomes (POs) are communicated to the students, teachers, staff and other stakeholders through the following ways:

1. Displayed at main entrance of the departments.
2. Published through institute website-
<http://jaihind.edu.in>
3. Conveyed during various value added courses, workshops, seminars, induction programs.
4. Conveyed during teaching learning process, tutor meetings.
5. Printed on laboratory manuals, project log book.
6. CO`s and PO`s are displayed on attendance book.
7. Laboratories through display boards
8. On Library wall
9. In course files

Course Outcomes (COs) are communicated to the students through the Following ways:

1. COs are published through institute website-
<http://jaihind.edu.in>

2. COs are made available on course syllabus copies, notes, hand-books and lab manuals.
3. Course syllabus copies, notes, presentations and lab manuals are also made available on online mode platform (Microsoft team)
4. CO`s and PO`s are communicated to students while classroom teaching.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://jaihind.edu.in/jcoe/computer/po_s.php
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Attainment of Programme outcomes:

All the courses which contribute to PO are identified and these courses are evaluated through the Course Outcomes using direct assessment tools such as Internal and External examinations and indirect assessment tool such as (Course End Survey). After the assessment of the POs using both the direct and indirect assessment tools, the overall results from the assessments of the PO are compared with the expected attainment.

Attainment of Course outcomes:

External assessments are carried out for in semester, end semester examination, oral/practical examination. Internal Assessments are term work, evaluation of laboratory work and Class tests, assignments etc. For CO and PO mapping the institute has purchased software for assessment of outcomes.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://jaihind.edu.in/jcoe/computer/pops.php

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

264

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	https://jaihind.edu.in/jcoe/computer/results.php

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://jaihind.edu.in/jcoe/student-section.php#ss8>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

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

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

3.1.2.1 - Number of teachers recognized as research guides

3

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

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

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

3.2 - Innovation Ecosystem

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

The institute has created an ecosystem for Research and Innovation. Centre for Innovation, Incubation & Linkages has been established at Savitribai Phule Pune University as per Maharashtra Public University Act 2016 to promote the culture of Startups & Innovation among students. Our college has constituted "Startups & Innovation Cell". Students participate in "AVISHKAR" (Innovative Idea Competition) organized by Pune University. Our institute provides a conducive environment for promotion of innovation. Students are guided and all facilities are provided and Guidance is extended to the students. Students are encouraged to actively involve in the application of technology for societal needs. Institute is applying for Research Centers in the departments and this would be an added advantage to the students to develop their prototypes. The faculty & students are encouraged to take up research & developmental activities by utilizing the existing resources. Guest lectures and workshops on emerging trends in technology are held regularly in the college. Students are encouraged to gain hands on experience and better industrial exposure by providing internship in industrial organizations. Awareness meets, workshops, seminars and guest lectures on Entrepreneurship are organized. Students are provided opportunities to directly interact with the entrepreneurs excelling in their field. The Local Entrepreneurs are invited to address the students and inspire them.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jaihind.edu.in/jcoe/edc/index.php

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

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

19

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

3.3 - Research Publications and Awards

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

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

0

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

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

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

47

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

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

3.3.3.1 - Total number of books and chapters in edited volumes/books published and

papers in national/ international conference proceedings year wise during year

1

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

3.4 - Extension Activities

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

As the Shivneri Fort is near to the institute we are celebrating Shivajayanti every year in the campus. To make awareness in the students about the importance of historical places institute organizes "Gadh Swachhta Abhiyaan" at Shivneri Fort. Each department has students associations ACES, CESA, MESA and ETESA.

Institute has NSS and SWO unit approved by the SPPU University. Institution has National Service Scheme unit got approval from Govt. of India. Students will voluntary participated in these activities and will encourage in improvement of various social activities as per the guidelines. Under NSS regular activities and special winter camp are organized at village (Basti Sawargaon) is adopted for three year where students promote awareness about issues related to-

1. Women empowerment
2. Importance of Education
3. National Yoga Day
4. Social issues
5. Environmental awareness
6. Cashless program
7. Swatch Bharat Abhiyan

8. Essay Competition**9. Tree plantation****10. Vanarai Bhandara****11 Gad Swachata Abhiyan****12.Art of living****13. Voter`awareness etc.****14.21 days surya namaskar activity**

Institute organizes special programs for the students like blood donation camp, blood group and hemoglobin check up camp, yoga day celebration and woman health awareness camp.

File Description	Documents
Paste link for additional information	https://jaihind.edu.in/jcoe/nss/about.php
Upload any additional information	View File

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

5

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

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

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

11

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

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

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

1180

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

3.5 - Collaboration

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

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

162

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

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

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

13

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
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.

Microsoft Teams software which license is purchased by the institute .In COVID 19 the lectures are conducted in online mode through this software. Lectures capturing system is also available in the institute.

The institution has adequate facilities for teaching-learning viz., classrooms, laboratories, computing equipment, etc. Institution believes that a healthy teaching learning environment is one of the biggest assets to ensure quality education to the students. The institution follows the norms

provided by AICTE and SPPU for creating and enhancing the infrastructure that facilitate effective teaching and learning. The institute always tries to develop good and modern infrastructure for classroom, laboratory, seminar rooms, and office stationery store. The institute have well equipped library. Institute have internet facility in total campus. All the departments are fully equipped with infrastructure such as HOD cabin, Faculty rooms,dedicated lab, seminar rooms. The seating capacity of class room is of 60 students, Well-equipped with mounted LCD projectors, white screens, podium, white boards.The institute has separate infrastructure for library, Administrative work, Principal cabin, pantry, exam section, Xerox facility.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jaihind.edu.in/jcoe/etc/labs.php

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

The institute has indoor and outdoor sports facilities. For indoor sports activities institute have

Carom, Chess.table tennis and for outdoor sports cricket, volley ball, basket ball, kho-kho, kabbaddi ground is available .Separate well qualified sportsman is appointed by the institute. Well equipped gymnasium is available in campus. The institution has sports room and store room. There is provision for providing TA/DA to players for participation in university or state level competitions. The institute have cultural club for which coordinator is appointed to look after all the activities. The cultural club organizes different activities like festival celebration (Dahi Handi, Ganesh Festival, Shiv Jayanti), annual gathering, different days like teachers day, engineers day.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jaihind.edu.in/jcei/campus.php

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

11

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://jaihind.edu.in/jcei/campus.php
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)

96L

File Description	Documents
Upload any additional information	No File Uploaded
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)

Name of ILMS software: Auto Lib NX software and Web OPAC

Nature of automation: Fully automated

Version: Auto Lib NX

Year of Automation:From 2012 to lifetime

OPAC Online Public Access Catalogue (OPAC) is provided to maximize access to the library collection with respect to a search by Author / creator name, Title of the book, Keyword, Publisher name, edition.

For Library automation Auto Lib NX is used for the accession to the library. Barcode code system is used for the reference and full proof recording and reporting is maintained for the students and faculties.

Total number of volumes is 12574 and titles are 3395 available in the library. To connect students with the external world for the latest updates hardcopies of the 81 national/international journals are available in the library.

There are 10 computer systems are available for the access of e-material and other library facilities. NMEICT connectivity with 10 mbps is made available under MoU with Bharat Sanchar Nigam Limited.

Internet band width/ speed: 80 Mbps Leased line and 20 Mbps Broadband OFC uninterrupted Internet connection is available for the web access. Two separate reading halls available for students. One reading hall is available for 24/7 hrs.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://jaihind.edu.in/jcoe/library/index.php

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)

0.36

File Description	Documents
Any additional information	View File
Audited statements of accounts	No File Uploaded
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

52

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

In the first half of the academic year due to COVID 19 the lectures are through Microsoft Teams software which license is purchased by the institute. Lectures capturing system is

also available in the institute.

Institute adhere the norms laid by AICTE, DTE and University and provides the facilities required for smooth conduction of administration and academic work. Management has provided and updated institutional IT infrastructure time to time to fulfill the norms. Institute is started in 2010 with 4 courses of Bachelor Degree Engineering. Computer Center, Language Laboratory and digital library are provided for academics. Also desktops are provided to the Principal, administrative office, exam department, course wise department, library administration. Progressively, IT infrastructure and facilities are added as required by norms as well as curriculum of University.

WiFi facilities are provided in the campus. Dedicated 100mbps leased line internet connectivity of BSNL is available. Necessary system and application software are available in all respective laboratories. To support computer assist teaching and learning we promote open source software tools like colab , pycharm ,VScode JDK, Star UML, Eclipse, G++, gcc, SSH, My-sql server and client ,Autocad, Matlab, Pro-E ,Scilab, Oracle, Jupiter notebook ,Anaconda.

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

4.3.2 - Number of Computers

430

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
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)

67.82 L

File Description	Documents
Upload any additional information	No File Uploaded
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.

1. The institute has separate established department which takes care of maintenance of all buildings in the campus
2. Electrician is appointed for general electrical maintenance
3. The requirement of maintenance of sports equipments is given to principal by sportsman.
4. The cleaning of the classrooms, furniture's and parking area are maintained by the non-teaching staff and Institute goes for the maintenance contract to the experts

Process of lab maintenance:

1. The lab equipments are checked by lab in charge
2. All labs in charges collect their individual labs requirements and submitted to departmental lab coordinator
3. Lab coordinator prepared one proposal of all requirements received from lab in charges and submits to respective HOD along with quotations
4. HOD send this requirements and quotation to principal for discussion with management
5. From management final approval is taken and maintenance activities carried out in respective labs
6. Lab in charge re-inspects the instruments and performs the practicals as per manual after maintenance
7. Lab reports are prepared by lab in charge and submit to principal for paying remuneration amount
8. Final Bills and Purchased order are submitted to purchase department and said amount to be paid to that external agency

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

STUDENT SUPPORT AND PROGRESSION**5.1 - Student Support****5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year****5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year**

839

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
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 benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

5

File Description	Documents
Upload any additional information	View File
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	Nil
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

1

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

1

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted 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

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	No File Uploaded

5.2 - Student Progression**5.2.1 - Number of placement of outgoing students during the year**

5.2.1.1 - Number of outgoing students placed during the year

101

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	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**

7

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
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**

2

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

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)	No File Uploaded

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

Students constitute a major stakeholder in the institutional growth. Utilization of the support and ideas of the students is the paramount requirement for the prosperity and well-being of the institute. JCOE always strives to build a relation of mutual respect and inculcate a sense of pride amongst the students for their own institute. Institute has a Students' Council (performs its duties prescribed under section 40(3) of Maharashtra Universities act, 1994), which

is constituted with the student's representatives from all classes. Students are nominated in various committees such as Anti-Ragging committee, Internal Complaints Committee, National Service Scheme, departmental Students Association, ISTE Students Chapter, SC-ST Category Cell, Technical committee, Cultural committee, Sports committee etc

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

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

15

File Description	Documents
Report of the event	View File
Upload any additional information	View File
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)	View File

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

There is a registered Alumni Association (Registration Number is Mah/1401/2019/Pune) that contributes significantly to the development of the institution through financial and/or other support services. Alumni provide feedback on infrastructure development and other academic related matters of the college and suggest gaps in syllabus considering current demands of industry. The alumni of the institute guide and support the students for their project work or any other competitions

such as Go-kart, Avishkar etc. They also provide infrastructure facilities at their own end wherever possible and the technological need arises.

Industry Advisory Board of Alumina bridges the gap between industry requirements and the curriculum implemented by the institution.

Expert advice, seminars, industrial visits etc. will play a vital role for enhancement of technical knowledge of the students. Alumni also help for placement activities and internships of the institute students. For the social and professional development of students alumni interacts with students thru lecture talks and webinars.

To become entrepreneurs alumni encourage and guide the students of the institute.

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)

A. ? 5Lakhs

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

The vision statement of the institute is "Contribute to socio-economic development of the nation by imparting High Quality Technical Education to the students of rural background in the country".

The mission statement of the institute is "Realize the dream of building a great nation through development of rural students in a healthy environment of highly qualified

faculties and boosting up their technical skills by providing excellent knowledge of engineering fundamentals and the best education in the country."

The management of institute, Board of Trustees, Governing Council, College Development Committee, Chief Executive officer, Internal Quality Assurance Cell, Principal, Head of department, and faculty focus on development of institute.

To achieve institutes Vision, Mission, Goals, and Objectives As per the management directives the Principal, Registrar, IQAC, Academic Dean, Dean R&D, Various institute level committee and HODs come together to make the strategic plan for the overall development of institute. The institute formulates the academic and financial action plans for the upcoming year to achieve the vision mission of the institute. Teaching and non-teaching staff members are nominated on various committees which plans and monitor the development of the institute.

File Description	Documents
Paste link for additional information	https://jaihind.edu.in/pdf/Code%20of%20Conduct.pdf
Upload any additional information	View File

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

Institute promotes culture of participative management. The committees are set up to execute predefined strategies that emphasize active involvement of faculty and staff members as mentioned below:

Top Management Level:

Governing Council, Chief Executive Officer and CDC provides policies and guidelines focusing vision and mission of the institution.

Principal's Administration:

This is the key node that provides effective administration by handling academic and all college level administration.

Dean Academic: All the activities related to academic curriculum managed by dean academic.

Dean R&D: Activities related to research work and different project competitions arranged by Dean R&D

IQAC Coordinator: To develop and apply various quality related activities for academic, administrative, learners centric, extracurricular and outcome based activities.

Head of Department: To take care of overall development of the program

Faculty level: Faculty plays key role in the development of students. Faculty has full authority to organized seminar, workshops, guest lectures, and industrial visits for the development of students.

File Description	Documents
Paste link for additional information	https://jaihind.edu.in/pdf/Code%20of%20Conduct.pdf
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 stated quality policy. It is prepared by the Governing Body top management. The institute undertakes various activities to fulfill the quality policy. Various committees are formed by the principal.

The objectives of our institute are as follows.

- To enhance industry institute interaction.
- To strive hard for academic excellence.
- To achieve maximum placement.
- To create good engineers to serve nation.

The institute has a perspective plan for continuous development of the institute.

1. Establishment of Research centre in the institute.

2.Improving the number of MOU's with renowned educational institutes, industries, national and International organization

3. Accreditation by national/international organization

4. Internal revenue generation through consultancy by using available resources of institute.

5.Social transformation and upliftment of rural masses through the Technical Education.

6.Enhance the academic excellence

Successfully implemented many strategic plans by the institute such as:

1. Industry Institute Interaction cell: The institute interacts with the various industries to reduce the gap between the industry and academia by conducting activities like seminar, workshop, value added courses, industrial visit, industrial trainings
2. Training and placement cell: Various industrial training sessions are arranged
3. Research and development cell: Faculties and students participated in various conferences and competitions.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://jaihind.edu.in/jcoe/about.php
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.

Recruitment Strategy:

During UGC interviews, Roaster for Teaching faculty is approved by Reservation Cells of State Government and SPPU. Advertise is finalized as per seats and reservation allotted.

This advertisement is published in national news papers. With respect to advertisement, applications are invited from eligible candidates. University appoints the selection committee with V.C. nominees and subject experts for various subjects. These panels conduct the interviews of eligible candidates.

As per recommendation and joining of the candidates, Institute forwards the proposal of these candidates to University for approval.

Promotional Policies

The institute has laid down promotional policies consist of the performance appraisal information includes General information and academic background, course/workshops/STP attended during the year. Appraisal is reviewed with face to face interaction with the management and presentation on self appraisal.

Grievance Readdressal Mechanism

The institute has constituted a grievance readdressal committee. Suggestion boxes are located at all important places of the institutes wherein stakeholders can freely drop their grievance, suggestions and requests. These grievances can be directly communicated to the principal.

The Principal is the Head of the Institution who looks after both academic and administrative matters and acts as a bridge between the management, staff and students. Administrative works with

Principal is executing general administrative works.

File Description	Documents
Paste link for additional information	https://jaihind.edu.in/jcoe/about.php
Link to Organogram of the institution webpage	https://jaihind.edu.in/pdf/Code%20of%20Conduct.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	No File Uploaded
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
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	
<p>The institute is taking continuous efforts for the professional development of its teaching and non teaching staff by organizing various programs. Institute provides duty leave and financial support to the faculty for attending workshops, seminars, national and international conference, FDPs etc.</p> <p>IInstitute has provided PF to non-teaching staffs. Institute provides residential facility for the staff members. Summer and winter vacations are given to teaching and non-teaching staff as per university guidelines. Casual leave and medical leave are given to all employees. Maternity leave is also granted to the women employees. The institute allows faculties to go for higher studies and short term courses.</p> <p>Tuition fees collected in equal monthly installments (EMI) for wards of the staff. Institute provides uniforms to peons, class IV staff, drivers and workshop instructors. Uniform is being provided for security personals with all required accessories. Medical facility on campus, ambulance in case of emergency is also being provided for all staff.</p>	

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

33

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	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

6

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	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

24

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
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

In academic year 2021-22, institute has laid down guidelines for performance appraisal system which consist of self appraisal and appraisal by review officer. The performance

appraisal information includes General information and academic background, course/workshops/STP attended during the year and academic performance information. In "Self-Appraisal Form" faculty member gives the details of his/her performance and participation in all the activities assigned to him/her by the department /college. The respective HOD gives their remarks on the performance of the faculty member. Appraisal is reviewed face to face interaction with the management and presentation on performance appraisal. Annual assessment of performance based on appraisal system is adopted as per guidelines of University and Government of Maharashtra.

The institution evaluates non-teaching staff based on performance in technical support and administration related activities, co curricular, professional, development related activities, academic contributions, general conduct and qualities.

File Description	Documents
Paste link for additional information	https://jaihind.edu.in/jcoe/about.php
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

Institution has its own internal audit team, by management to ensure smooth functioning of administration, financial reporting and identification of errors and frauds. The internal audit procedure to make sure that internal control designed by management is in proper place and working effectively. Further internal audit team takes monthly review of accounting and financial reporting done by institute.

Further after end of financial year an external auditor namely ANRK & Associates LLP, Pune conducts external audit under Bombay Public Trusts Act, 1950 and Income Tax Act 1961 to satisfy themselves that financial reporting done by institute's management is true and fair and provide Independent Auditors Report under respective Acts.

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)

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

In the institute various committees are formed for maintaining mobilization and utilization of funds.

Mobilization of fund:

1. Student Tuition fee is the major source of income for the institute.
2. Alumni contribute to the institute by raising funds to purchase items like water coolers, wall clocks,

Utilization of Funds

1. A finance committee has been constituted to monitor the optimum utilization of funds for various recurring and non-recurring expenses.
2. The purchase committee seeks quotations from vendors for the purchase of equipment, computers, books, etc.

3. The quotations are scrutinized by the finance and purchase committee before a final decision is made based on parameters like pricing, quality, terms of service, etc.
4. The Principal, finance and purchase committees along with the accounts department ensure that the expenditure lies within the allotted budget

Resource Mobilization Policy and Procedure

1. Before starting of academic finance budget is prepared by considering recurring expenses such as salary, electricity and internet charges, stationary & other maintenance costs, lab equipment purchases, furniture, and other development expenses.
2. The budget is scrutinized and approved by the top management and Governing Council.

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

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

Institute executes the following activities to assure the quality education. Preparation of academic Plan: Before commencement of academic year, Principal calls meeting with Academic Dean and Head of Departments to prepare academic plan. Academic plan is prepared in accordance with Savitribai Phule Pune University academic calendar. All curricular activities and events are included in this academic calendar. Execution and monitoring of academic plan: Prepared academic calendar is communicated to each faculty through head of department and subjects are allocated to the faculty to prepare their subject wise teaching and laboratory plan. Classwise and divisionwise timetables are prepared by departmental timetable in charge for class and laboratories with approval of head of department. Internal assessment test: As per academic calendar, internal class tests are conducted to review the progress of students. These class tests are conducted and assessed by the respective

departments. The assessment results are displayed on departmental notice board for students. Collecting feedback from stakeholders: Student's feedbacks are taken by head of department to minimize the lacuna in teaching learning methodology. Poor student's performances are communicated to the respective parents. Mentoring the students: Student guardian scheme is implemented by the institution to improve the performance of the students. Developing Infrastructures: As per the requirement of changing syllabus by the university, laboratories are developed to meet the requirements time to time.

File Description	Documents
Paste link for additional information	https://jaihind.edu.in/jcoe/naac/iqac
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

The IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process. The Academic Calendar is prepared in advance, displayed and circulated in the Institute and strictly followed. Admission to various programmes, summer, winter and mid-term vacations, examination schedule and declaration of results are notified in the Academic Calendar. All newly admitted students have to compulsorily attend the Orientation Programme, in which they are made aware of the philosophy, the uniqueness of the Education system, the teaching- learning process, the system of continuous evaluation, compulsory core courses, various co-curricular activities, discipline and culture of the Institute. Feedback is properly analyzed and shared with the Director, Deans, HODs and individual faculty members. The teaching-learning processes are reviewed, and improvements implemented, based on the IQAC recommendation.

File Description	Documents
Paste link for additional information	https://jaihind.edu.in/jcoe/naac/igac-minutes.php
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)

B. Any 3 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

Internal complaint committee and Grievance Redressal Committee are the committees related to girls counseling and other issues. Women's day is celebrated on 8th March 2021 with motivational talk. For promotion of gender equity institute arranged workshops, seminars, guest lectures .All students are equally treated in all the extracurricular and co curricular students' activities.

Regular guidance is provided to the girls about the health and hygiene.

Lady Doctors are invited twice in a semester for Health awareness activities for girl's students under the internal complaint committee. Gender equality promotion program organized in the institute. In campus, security guards are provided and CCTV for surveillance. Anti-ragging squads are daily observes the campus activities to ensure the safety and security.

Separate common rooms are provided to girls and boys.

Sanitary napkin Vending machine is provided for girls.

Adequate no. of toilets is provided in building.

Separate girls hostel with rector is provided for girls students.

File Description	Documents
Annual gender sensitization action plan	Nil
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://jaihind.edu.in/pdf/otherfacilit y.pdf

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

C. Any 2 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

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

In the institute Reduce, Reuse and Recycle policy is implemented.

Solid waste management:

The institute has outsourced the work of cleaning the campus of the external agency. Every day all the academic building & surrounding campus is cleaned by the external agency.

The old jobs are reused for student workshop practical.

Plastic, papers etc. are sold out to scrap vendor. One side printed papers are reused. The paper wastes are shredded, sold to agency for recycling.

Liquid waste management:

Institute has developed the sewage treatment plant to manage sewage and liquid waste through the project initiated by students. The liquid effluent filtered through this plant is used for watering of trees.

E-waste management:

E-waste is collected & is sold out to the buyers. Electronics goods are put to optimum use. The minor repairs are set right by staff & laboratory assistant and major repairs are carried out by professional technicians. The UPS batteries are recharged/repaired/exchanged by the supplier.

Biomedical waste management:

It is not generated in the institute.

Hazardous chemicals and radioactive waste management:

Liquid waste from laboratories is collected separately and after giving treatment, treated waste water is disposed in sand pit. No any radioactive waste generated in institute.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	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	No File Uploaded

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**

B. Any 3 of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

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	B. Any 3 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	No File Uploaded
Any other relevant information	No File Uploaded
7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	C. Any 2 of the above

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

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

Foundation Day of the Institute is a 02nd October, which is a Birth anniversary of Mahatma Gandhi and Lal Bahadur Shatri. Institute has a tradition to celebrate this day with celebration of various activities like blood donation camp, tree plantation, and medical check-up.

Birth anniversary of Dr. S. Radhakrushnan is celebrated as a "Teacher's Day" by conducting various activities like special guidance from personalities available from industries, research institutes. "Engineer's Day" is celebrated on the occasion of birth anniversary of Dr. V. Mokshagundam. "Shiv Chattrapati Shivaji Jayanti" is celebrated as Shiv Jayanti on 19th February in campus by organizing drama, rally and speeches of personalities from the fields.

Independence Day, Republic day are celebrated in the campus every year.

The SC/ST committee is organizes meetings to ensure harmony among students.

Festivals are celebrated in the campus such as Dahihandi, Ganesh Festival, Shivjayanti which Showing religious harmony.

The institute maintains always supports for holistic culture in the campus.

All faculties are from Maharashtra, creates well

comprehensive culture among the faculties.

The dress code is adopted to avoid social and economic disparity.

The institute allows students to pay fees in installment.

The Earn and Learn Scheme is effectively implemented for students.

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

Activities for constitutional obligations:

Every day, Morning schedule starts with National anthem and ends with National Song in the evening centrally.

Constitutions Day, National Voters Days are celebrated. For creating awareness about registration in voter's list, students register themselves in voter's list.

Activities for Duties and responsibilities of citizens:

1. Every faculty, students and staff follows the dignity of national anthem and national song.
2. Institute celebrates Independence Day, Republic day and birth/death anniversaries of freedom fighter are every year with faculty and students.
3. The distinguished personalities visited the campus during annual gathering and guided the students regarding values and ethics.
4. The volunteers of National Service Scheme created awareness about Indian constituents, COVID 19 and conducted tree plantation program.
5. Blood Donation Camp and health check up camp

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://jaihind.edu.in/jcoe/nss/index.php
Any other relevant information	Nil

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

4. Annual awareness programmes on Code of Conduct are organized

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

National commemorative days/Events:

Foundation Day of the Institute is a 02nd October, which is a Birth anniversary of Mahatma Gandhi and Lal Bahadur Shatri are celebrated every year in the institute.

"Chattrapati Shivaji Maharaj Jayanti" is celebrated as Shiv Jayanti on 19th February in campus by organizing drama, rally and speeches of personalities from the fields.

"Sadbhavana Din" is celebrated as a birth anniversary of former Prime Minister Late Shri Rajiv Gandhi.

Birthday of Dr.A.P.J Abdul Kalam.

Savitribai Phule birth anniversary

Constitutional Day

"Yuva Saptah (Week) is celebrated on the occasion of birth anniversary of Swami Vivekanand.

"Dr.Babasaheb Ambedkar Jayanti is celebrated in the institute.

"Engineer's Day" is celebrated on the occasion of birth anniversary of Dr. V. Mokshagundam.

Birth anniversary of Dr. S. Radhakrushnan is celebrated as a "Teacher's Day" by conducting various activities like special guidance from personalities available from industries, research institutes.

Ahilyadevi Holakar Death anniversary.

International commemorative days/Events:

Science day is celebrated on 28th February, 2021.

International women`s day is celebrated on 8th March, 2021.

International Yoga Day is celebrated on 21th June.2021.

Festivals:

The Ganesh festival is celebrated for five days.

Datt Jayanti

Dahihandi

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	No File Uploaded

7.2 - Best Practices

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

1. Title of the Practice

Student-Guardian Scheme 2. Objectives: To monitor overall progress of students during his graduation

To provide guidance in Learning process for the best use of facilities provided by the institute. To improve presentation skill /written skill and communication skill. To provide support in ups and down in academics of the students. To provide personal counseling to the students. To develop leadership qualities. To monitor overall progress and provide academic, personal professional and emotional support to the mentee.

2. Title of the Practice : "Employability Enhancement by providing professional skills to students."

Objectives of the Practice:

To enhance graduate attributes in students by professional development programs.

To increase confidence in the students.

To upgrade skill sets required for professional career and campus placements.

3. Title of the practice:

Green , Clean, Energy efficient and Pollution free campus.

Objectives of the Practice:

To create pollution free environment by tree plantation in the campus and its surroundings.

Solar power grid system is installed and used as a natural resource for energy.

To use solar water heaters for student's hostels.

To promote green and clean power to reduce the Carbon emission.

File Description	Documents
Best practices in the Institutional website	https://jaihind.edu.in/jcoe/BestPractices.php
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

The JCEI's institutes have their strong vision for social transformation and up-liftment of rural masses through Technical Education. Jaihind College of Engineering affiliated to Savitribai Phule Pune University (SPPU) .The number of students admitted to JCEI's institutes is generally from Rural and Tribal area. Institute provides ideal environment focused on education. The pleasant atmosphere with lush green surroundings forms the right education ambiance. The institute is setting up higher benchmarks from time to time for ensuring the excellence of students in education.

1. Dr D S Galhe completed Ph.D. in Mechanical Engineering from J.J.T University Rajasthan in the month of June 2022.
2. Dr. (Mrs.) S. D.Gunjal and Dr. A A Khatri were completed Ph.D. in Computer Engineering from J.J.T University Rajasthan in the month of Feb 2022.

3. Dr Mrs V M Dhede is recognized as PhD Guide from Savitribai Phule Pune University,Pune
4. Dr Rahul M Mulajkar has published TextBook 'Digital Signal Processing' from Techneo Publication
5. Institute has become Institutional Member of Indian Society for Technical Education (ISTE) New Delhi. Professional Body activities: Faculty Chapter and Students Chapter of ISTE, Students Chapter of Indian Geotechnical Society established in the institute.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

The institute IQAC has identified the broad objectives which the institute should strive to achieve during this period, which are enumerated as under -

1. To enhance Industry-Institute Interaction for up gradation of student's knowledge as per industry need.
2. Planning and execution for NBA.
3. To go for NAAC A++ grade.
4. To participate in NIRF.
5. To initiate more scholarships to reward the students for various achievements.
6. Publication awareness and orientation for research development of faculty and students.
7. MoU's to be signed with governmental, nongovernmental organization and NGO`S for development of institute.
8. To give thrust to and create awareness about Cleanliness.
9. To Enhancement of relationship with Alumina.
10. To add more workshops, seminars, guest lecturers and value added courses for students.
11. To add more books /e-books, journals/e-journals and magazine to increase utilization level.
12. To provide quality education to students for socioeconomic development of nation.
13. Plan for FDP/STTP/Staff orientation program.
14. To achieve the university/state level awards with active participation.

15. To prepare for NEP-2020.
16. To increase the number placement of institutes in MNC companies
17. To provide civil services guidance and carrier counseling
18. To raise the funds for development.