



SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

JCEI'S JAIHIND COLLEGE OF ENGINEERING,KURAN

G.NO. 441, KURAN, TAL. JUNNAR, DIST. PUNE
410511

www.jaihind.edu.in/jcoe

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

February 2024

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Jaihind College of Engineering, Kuran was established in the year 2010 under the umbrella of **Jaihind Comprehensive Educational Institute** founded by **Late. Mahadeo alias Tatyasaheb Rakhamaji Gunjal** with the vision of imparting quality Technical Education. Institute is located at Kuran at distance of 6 Kms from both Narayangaon and Junnar in Pune district.

The institute is approved by AICTE New Delhi, recognized by Government of Maharashtra & DTE and Affiliated to Savitribai Phule Pune University, Pune. Institute offered four-year full time five UG program (**Artificial Intelligence and Data Science, Civil, Computer, Electronics & Telecommunication and Mechanical**) and two years' full time PG programs in four specialization areas (**Artificial Intelligence and Data Science, Computer, Electronics & Telecommunication - Signal processing**) and **Mechanical - Design Engineering**) with total intake of 300 & 48 students respectively. Institute also have Research center for (**Electronics and Telecommunication and Mechanical**)

Jaihind College of Engineering has a spacious and good infrastructure having 155751 sq. feet built up area and other campus facilities. The campus of Institute is eco-friendly, green, clean and healthy environment for learners which is essential for students overall well-being and academic success.

Accreditation-Institute is accredited by National Assessment & Accreditation Council (NAAC) with B++ grade in its 1st Cycle. Institution is also certified by ISO 9001:2015 QMS.

Vision

To enrich the role of nation building by imparting the qualitative technical education.

Mission

- Impart technical knowledge through prescribed curriculum of University.
- Inculcate ethical and moral values in students for environmental and sustainable development.
- Equip the aspirants through co-curricular and extra- curricular activities to excel in career.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Visionary management with high ethical and administrative values.
- Accredited by NAAC with B++ Grade in 1st Cycle.
- ISO 9001 2015 QMS Certified, EMS certified, Energy & Green Audit.
- Student centric functioning with mentoring, counseling through Teachers and effective academic monitoring.

- Provided financial assistance to needy students.
- Excellent results in Academics (University Rankers).
- Institute has qualified and dedicated teaching and non- teaching staff.
- Effective use of ICT Tools in teaching learning process.
- Institute has a well-equipped infrastructure with a spacious built-up area.
- Industry Institute Interaction Cell and MOU with many industries
- Professional society chapters in every department like ISHRAE, ISTE, IETE and GIS.
- Active NSS unit- Promote students participation in outreach program for benefit of society.
- Savitribai Phule Pune University (SPPU) approved research center in Mechanical Engineering and Electronics & Telecommunication Engineering.
- Skill development programmes offered to the students.
- ECO friendly campus, separate hostels for boys and girls, huge playground for outdoor sports.
- Institute has well-functioning library, well-equipped laboratories and other facilities.
- Conducive peaceful environment for learners.
- WI-FI enabled campus
- Affordable Tuition fees
- Provides Non Government scholarship to budding students through different NGO's.
- Excellent facilities for co-curricular and extra-curricular activities

Institutional Weakness

- Lack of exclusive research wing
- Limited industrial exposure and revenue generation due to location
- Patents and major startups are limited
- Inability to implement full-fledged CBCS due to government/university restrictions
- Excellence centre
- At present there is less number of faculties who have completed their doctorate. Some faculty members have registered for doctoral programme.

Institutional Opportunity

- 100 % admissions with quality inputs
- To achieve NIRF Ranking
- Bridge the gap between Industrial requirements and to develop strong tie-up with international institute, university and industries to gain global exposure.
- NBA Accreditation
- Development of Excellence Centre and state of art laboratories .
- Revenue generation through consultancy
- Adoption of National Education Policy 2020
- More number of patents , copyrights , books and paper publications.
- Potential to become an autonomous engineering college/ Deemed-to-be university
- Wide spread social acceptance
- Increase number of interdisciplinary, multidisciplinary programs.

Institutional Challenge

- Competition for admissions
- Core Company's preference for premier institutes and placement of students in core companies.
- Filing patents and high-quality research publication.
- Developing a sustainable research culture.
- Students attract towards the city for their education
- Students are admitted from different socio economic background.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The Vision of the institute is to provide quality education to the students of the rural background. To fulfill this Vision Institute undertakes various activities related to curriculum planning and implementation.

Our institute is affiliated to the Savitribai Phule Pune University (SPPU), Pune so the curriculum is planned in line with the SPPU calendar and the implementation is done effectively in accordance with the respective BOS. Faculty members take part in the syllabus and paper setting at university level. Co-curricular and Extra-curricular activities are planned and organized in order to achieve the vision, mission, program outcomes, program specific outcomes and course outcomes. Internal and external academic and administrative audit is performed regularly by academic monitoring committee.

To bridge the gap between industry and academia the institute motivates and organizes the number of certificate, value added courses for the students. Students participate in these courses to enhance their knowledge. These courses are organized with the recommendation of alumni from the industries. Along with regular CBCS Curriculum University has added some audit courses in the syllabus related to cross cutting issues which are relevant to professional ethics, gender, human values, environment and sustainability. To create awareness about these issues institute organizes the expert sessions, workshops, seminars for the students.

To solve the real time problems of the society and to gain the practical knowledge, most of the students are motivated to perform the real-time projects, undertake internships and fieldworks.

Development of quality culture into institution and enhance the learning effectiveness, 360-degree feedback mechanism is implemented with help of improving inputs collected by IQAC from various stakeholders such as students, teachers, alumni and parents etc. feedbacks are collected from various stakeholders are analyzed and the corrective action are taken on them. These reports are also communicated to the relevant bodies.

Teaching-learning and Evaluation

The admission process of institute is centralized by Directorate of Technical Education (DTE), under the Maharashtra State Government. The SE, TE, BE admissions are done at college level as per the guidelines of Savitribai Phule Pune University (SPPU).

Institute has always give priority to develop Teaching Learning and it evaluation process.

The Institute has qualified and experienced faculty members. Institute has always put effort to maintain the student's teacher ratio so that teachers can able to develop healthy one-to-one mentoring relationship with the students.

Orientation sessions for students and teachers are conducted in the beginning of the year to introduce the program and for effective curriculum implementation. The course coordinator delivers course outcomes, program outcomes to the students at beginning of the semesters. Various student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences of students using ICT tools.

Faculty uses innovative teaching methods such as ICT tools, blog, Google classrooms, Microsoft Teams, YouTube videos, Digital Library etc. for enhancing learning experience. Students are participated in various activities like project competition, workshop, Hands on Training, poster presentation, Quiz competition and debate competition.

Course Outcomes (COs) for all courses and Programme Outcomes (POs) for all Programme offered by the institution are stated and displayed on website. The POs and PSOs are displayed at various location of the Institute. Cos and POs are evaluated by well-defined process. Various internal and External tools are used for the attainment of COs and POs. For the effective implementation of Teaching and Learning the feedback mechanism is used and necessary actions are taken regularly. Student's input is taken through various surveys and feedback. The feedback and surveys are used for improvement in the overall working.

Internal and External assessment of examination is transparent. The External Theory, Oral and Practical Examinations are conducted as per the guidelines provided by the university (SPPU).

The College Exam Officer (CEO) is appointed for the smooth conduction of all internal and external examinations and to solve the grievances related to the examination.

Research, Innovations and Extension

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.

To promote the research culture in to the institution we organize workshops, seminars and expert session related to Research Methodology, IPR and entrepreneurship.

The faculty and students have collectively filed 06 patents, 10 books/ book chapters and published 104 research papers in SCI/WoS/Scopus/UGC Care journals and 197 papers in conference proceedings.

Institute has established Institution's Innovation Council (IIC) as per AICTE guidelines. Innovation Council has active participation in implementing Innovation and Entrepreneurship activities for students. Students are encouraged to actively involved in the application of technology for societal needs as well as their holistic development through the participation in extension activities under National Service Scheme (NSS). NSS helps

the students to develop a concern on the health, environment, improving life of rural people through community service.

The Institute encourages the faculty and students to initiate, participate and implement the programs which contribute to social awareness for environment protection, water conservation, computer education, blood donation camps, educating rural people etc. Total 51 activities are conducted in collaboration with the villages/ NGOs which are beneficial for the society. For some activities institute receive awards or reorganization from the collaborative bodies for valuable work and support.

The institute has conducted training programs for students by signing MoUs with renowned industries. There are functional MoUs with industries for imparting training to students in the new technological domains. Thus the institute strives towards nurturing a culture for promoting research and innovation. Institute has total 34 functional MOU.

Infrastructure and Learning Resources

Since Institute's establishment in 2010, the institute has always given top priority to the development of infrastructure and adding learning resources. Today, well maintained, lush green institute campus is spread over in an area of 10 acres with built up area of 14475 sqm. Institute has excellent infrastructure with well-equipped laboratories, ICT enabled class rooms and seminar halls, boys' and girls' hostels with Wi-Fi facility, sport ground, gymnasium, canteen and auditorium for cultural and other activities are inspirations to students and faculty. Uninterrupted electricity supply, ensured with the help of generators and solar power system, 24-hour water supply to hostel and campus, ramps, special toilets and wheel chairs for disabled students are the essential features considered.

Institute has provided 360 computers exclusively for student's usage with 1:3.06 student to PC ratio. Adequate system and application software with valid licenses are provided in laboratories. Also Institute has procured exclusive access to Microsoft Office 365 A1 for Faculty and Student, free of charge.

Central library, automated using Auto-Lib Software, having 14296 books with 4181 titles and 90 journals in all disciplines of engineering. In addition, library covers E Journals - 10332, E Books – 5064, Case reports – 821, Videos - 194, Conference Proceeding – 113, Special collections – 78 in special collection. Institute has DELNET and K-Hub e-library membership.

The expenditure on augmentation and maintenance of these vast infrastructures occupies a large part of annual budget of the institute. The institute has well established systems and procedures for maintaining and utilizing the infrastructural facilities.

Student Support and Progression

JCOE is self-financed institute and students from all over India get admissions in our institute. The students are informed about the Scholarship and Free ship provided by State and Central Government of India. The college also provides institute scholarship to meritorious and financially weak students under Chairman's Scholarship Scheme to enable them to pursue the education at our institution. The institution has a well-structured student support system for coordination with the various scholarship agencies that provide scholarships to the socio-economically weak students. More than 90 percent students get benefit of scholarship.

The institute provides soft skill, language and communication skill & personality development training to develop the teamwork, communication, adaptability, problem-solving, emotional intelligence, work ethic and the ability to develop career prospects. Institute also organizes workshops, guest lectures, pre-placement training, etc. to the students regarding future career options.

The institute organizes annual sports events every year to bring out the sportsman spirit amongst students. Students are encouraged to participate in the cultural and sports activities. More than 40 activities are conducted during last five years and more than 80 percent students participated in these events. Students got the awards /medals for their outstanding performance.

The students are guided for Competitive Examinations such as GATE, GRE and Civil Services. Training and Placement Cell of the institute provides complete assistance to placement. TPO and other staff members guide students for their career. Students are placed on campus and off campus according to the industry requirement.

The college also has Internal Complaints Committee, Grievance Redressal Committee and Anti- Ragging Committee to address the grievances. The college has a registered alumni association.

Governance, Leadership and Management

Jaihind College of Engineering is run by a charitable trust “Jaihind Comprehensive Educational Institute (JCEI)”. An effective and transparent governing system is followed by our Institution in tune with the vision and mission of the Institution.

Trustee has constituted “Board of Governors (BoG) as per the guidelines of statutory bodies. The Governing Body formulates the policies, aligned with Vision and Mission of the institution for all-round development of the institute.

As per Maharashtra Public Universities Act, 2016, institute has established “College Development Committee (CDC)” having representation from all stakeholders. CDC prepares an overall comprehensive development plan of the college regarding academic, administrative and infrastructural growth so that college to foster excellence in curricular, co-curricular and extra-curricular activities.

Internal Quality Assurance Cell (IQAC) plays a significant part in effective implementation of quality processes. IQAC monitors the functioning of various activities in the institution through different committees, which is constituted involving faculty, students and some external members. Student’s alumni and faculty provide their feedback for improvement of the system. The Academic and Administrative Audits are conducted by IQAC and based on the observation of reports, the quality recommendation are given. The compliance of academic and administrative procedures and their continual improvement is ensured through systematic audit by IQAC.

Principal communicates the vision and mission of the Institute to faculty members, students and other stakeholders. He plays the role of chief coordinator for various internal and external affairs of the Institution. He takes reviews from all the committees, teaching staff, and in charges of various departments by holding meetings with them for efficient working of the Institution.

Faculty development programs are conducted for technical and administrative staff members. For the benefits of teaching and non-teaching staff, professional development/administrative training programs have been

arranged in the campus. The faculties and students benefitted with financial support for attending the conferences/workshops. The institution has effective welfare measures for teaching and non-teaching staff. Institute has well defined mechanism to monitor the usage of funds. As per the budget, financial resources are made available for the effective functioning of the college.

Institutional Values and Best Practices

The Institute is located in the rural area of under developed. Student support is of utmost importance because majority of the students are from rural and are from middle class or lower income group families. Approximately 70 % of the students get government scholarships and the institute ensures that all eligible students get the scholarship and no one is deprived of it.

In the institute each department has Student Association. Student representatives of these association plays vital role in all the institute level activities. The major objective to form these associations is to develop management skill, leadership skill and overall personality of student.

Institute provides a pleasant and purposeful campus life by celebrating cultural festivals amidst the effective learning environment. Commemorative days like Republic Day, International Yoga Day, Independence Day, Teacher's day, National Voters Day and Engineers Day etc. are celebrated and their importance is highlighted to faculty and students.

Besides many other measures for capability enhancement, we provide training on communication skill, quantitative aptitude and interview skills through soft skill development agencies.

Under local guardian scheme a faculty member counsels, guides and supports about 10 to 15 students. The Institute provides platform for its student for higher studies and competitive examinations. Institute plays a vital role in Training and Placements. Students are placed through campus and off campus placement drives.

Our vision is to make all our students, responsible and contribute to society and Nation. The campus adheres and promotes environment friendly activities. Adequate awareness and information disseminated for avoiding use of plastics. Institute has a code of conduct to promote responsibility for all the members. Campus has alternate sources of energy. Energy conservation measures are taken through usage of LED lights, rainwater harvesting facilities, regular audits like green audit, environment audit and energy audit.

We have a large number of alumni all over India and abroad and we are planning to exploit the benefits of the same in the near future for benefit of the students and the Institute.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	JCEI'S JAIHIND COLLEGE OF ENGINEERING,KURAN
Address	G.NO. 441, KURAN, TAL. JUNNAR, DIST. PUNE
City	Pune
State	Maharashtra
Pin	410511
Website	www.jaihind.edu.in/jcoe

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	DAMODHAR JAGDEORA O GARKAL	02132-242027	9960662727	02132-242027	jcoekuran@gmail.com
IQAC / CIQA coordinator	SHUBHANGI DHARMENDRA GUNJAL	02132-2242027	9860032927	02132-2242027	shubhangi.gunjal83@gmail.com

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details				
State	University name	Document		
Maharashtra	Savitribai Phule Pune University	View Document		
Details of UGC recognition				
Under Section	Date	View Document		
2f of UGC				
12B of UGC				
Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	10-06-2023	12	
AICTE	View Document	10-06-2023	12	

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	G.NO. 441, KURAN, TAL. JUNNAR, DIST. PUNE	Rural	10	14475

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Co course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BE,Civil Engineering,	48	HSC	English	60	3
UG	BE,Computer Engineering,	48	HSC	English	60	60
UG	BE,Electronics And Telecommunication Engineering,	48	HSC	English	60	59
UG	BE,Mechanical Engineering,	48	HSC	English	60	39
UG	BE,Artificial Intelligence And Data Science,	48	HSC	English	60	59
PG	ME,Computer Engineering,	24	BE	English	12	4
PG	ME,Electronics And Telecommunication Engineering,	24	BE	English	12	6
PG	ME,Mechanical Engineering,	24	BE	English	12	1
PG	ME,Artificial Intelligence And Data Science,	24	BE	English	12	5
Doctoral (Ph.D)	PhD or DPhil ,Electronics And Telecommunication	36	ME	English	8	0

	Engineering,					
Doctoral (Ph.D)	PhD or DPhil ,Mechanical Engineering,	36	ME	English	8	0

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	7				8				56			
Recruited	0	0	0	0	3	2	0	5	28	28	0	56
Yet to Recruit	7				3				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				27
Recruited	19	8	0	27
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				15
Recruited	11	4	0	15
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	3	2	0	0	0	0	5
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	26	23	0	49
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	2	5	0	7
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	0	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	607	3	0	0	610
	Female	420	1	0	0	421
	Others	0	0	0	0	0
PG	Male	17	0	0	0	17
	Female	17	0	0	0	17
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Category		Year 1	Year 2	Year 3	Year 4
SC	Male	41	35	22	12
	Female	14	13	7	11
	Others	0	0	0	0
ST	Male	25	29	21	11
	Female	9	8	7	4
	Others	0	0	0	0
OBC	Male	192	186	150	126
	Female	96	73	77	70
	Others	0	0	0	0
General	Male	409	427	391	364
	Female	216	192	204	214
	Others	0	0	0	0
Others	Male	47	32	16	9
	Female	53	35	23	15
	Others	0	0	0	0
Total		1102	1030	918	836

Institutional preparedness for NEP

<p>1. Multidisciplinary/interdisciplinary:</p>	<p>The vision of our institute is to provide quality technical education. Being affiliated colleges of the Savitribai Phule Pune University, our curriculum designed as per UGC guidelines. From 2019 the University adopted the CBCS pattern. As per the CBCS pattern, there are several courses include in the curriculum like self learning, value based Elective ,Honor Courses and environment based subjects like professional Ethics, Environmental studies, principles of Management, project management etc. Along with it for the students of all disciplines some non CGPA courses of interdisciplinary nature like ‘Audit Course’ offer every year. As university releases guidelines and curriculum regarding NEP, the college</p>
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	<p>will abide by it. To prepare the students to solve real world problem and to find out the complex problem solution they need multidisciplinary approach. In order to prepare and fulfill the objectives of NEP special efforts are taken by JCOE to inculcate multi/interdisciplinary research culture among faculty and students. Our institute has started using innovative pedagogy methods and techniques for teaching and learning like Smart boards/ e-Learning to provide augmented multidisciplinary learning experiences to our students. Students undergo with internships, project based learning and final year projects which involved multidisciplinary approach to the solution. NEP related seminars and workshops are also organized to orient students as well as the staff. Staff members are also provided opportunities to attend similar training, and seminars organized by other institutes.</p>
<p>2. Academic bank of credits (ABC):</p>	<p>One of the provisions of the National Education Policy 2020 (NEP 2020) is the introduction of the Academic Bank of Credit (ABC). The institute is affiliated to Savitribai Phule Pune University has registered on the ABC portal. About 100% of students are registered on ABC portal and got the ABC ID which digitally store the academic credits of the students.. This will make it easier for students to track their credits. We encourage the students to learn and earn credits through the online modes in SWAYAM, NPTEL, etc. Many of our students have successfully completed such online courses. Our institution has an active NPTEL local chapter.</p>
<p>3. Skill development:</p>	<p>Skill development is crucial in various aspects of life, both personal and professional. The institute has initiated Skill Development Programs through Hands on training, Value-Added courses and workshops that enable students to boost a comprehensive skill set. Field visits are undertaken to Gain experiential learning and industry experts are invited for workshops, seminars and interactions to bridge the gap in academia and Industry practices/expectations. Students are also encouraged to enroll for online vocational and soft skills courses through National eLearning portals, such as SWAYAM, NPTEL, and V-Lab. The institution has number of functional MOU's with various companies and organizations to fill the gaps between the industry and academia and many activities are going on though out the year with</p>

	<p>these organizations. Different programs are organized like cultural, sports, health awareness etc. for the holistic development of the students.</p>
<p>4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):</p>	<p>Imparting moral and ethical values to the students, institute organize induction program for first year students. In engineering curriculum the language of instruction used in teaching-learning process is English. Our faculty members along with English explain in local regional languages also for easy understanding of courses. We celebrate various cultural events, commemorative days to create awareness about Indian cultural and tradition such as Women's Day, Ganesh Chaturthi, Shiv Jayanti, Marathi Bhasha Divas, Yoga day, Youth Day, Traditional day, theme day etc. Along with these some traditions like rangoli, dance, singing, dramas are organized. In addition, to keep students communicative we provide training on communication skills. The institution conducts number of awareness programmes to the students on environment, sustainability, energy conservation, ancient knowledge, arts, culture and tradition of our country.</p>
<p>5. Focus on Outcome based education (OBE):</p>	<p>To apply the spirit of NEP2020 the syllabus of all courses have been designed with due consideration of social needs. In our affiliating university curriculum, objectives and outcomes of the courses are mentioned. Our college has implemented Outcome Based Education (OBE), a student-centric teaching and learning methodology. The POs, PSOs and PEOs are satisfied through the teaching-learning process and the additional programs conducted at the Institute. The course delivery, assessment are planned to achieve stated objectives and outcomes. The course and program outcomes are disseminated to the students on the commencement of the academic year and every first lecture of a course. It focus on measuring student performance i.e. outcomes at different levels. 3 to 6 course outcomes are specified for each course. After course delivery and assessment, attainment level of Course Outcome is calculated. CO-PO mapping of the courses and defines the curriculum gaps. Various activities are planned and conducted to cover the curriculum gaps. 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</p>

	<p>out the work and method of calculation required to determine the achievement levels of course outcomes and programme outcomes. Teachers require adequate training to enable them to implement OBE the institute motivates the staff to participate in workshops and training programs for outcome-based education.</p>
6. Distance education/online education:	<p>Online education is where students and instructors are physically separated and education is facilitated through digital technologies and the internet. During COVID 19 pandemic situation, our institute used online platform (Microsoft Teams) for engaging classes as well as for conducting workshops and webinars. The institution has adopted a hybrid mode of teaching that combines online and offline resources. Teaching – Learning and Evaluation Processes are carried out through various platforms like Microsoft teams, Zoom, Google Meet, Google Classroom, Google Forms and Quiz. 32 Wi-Fi access points and 300 Mbps Internet leased line facilities enable high-speed network connectivity. There is high-end Server with higher configurations. E-content in the form of video lectures and e-notes were developed by the faculty members. Some of the faculty members have prepared their own YouTube channels and blogs. Apart from this various online training's are imparted to students to fulfill industrial needs. The institute has registered NPTEL-SWAYAM Local Chapter. The students of our institute has participated in online training program conducted by Indian Institute of Remote Sensing, ISRO Dehardun (Department of Space ,Govt. of India)</p>

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	YES
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	YES, Institute has appointed student Coordinator and Faculty coordinator Prof. P.S. Pawar. Institute have functional Electrol literacy club.
3. What innovative programmes and initiatives	Electrol Literacy Club (ELC) carried out the voter

<p>undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.</p>	<p>registration drive in which students are participated with great excitement and 134 new voters were registered in the " Voter registration camp".Voting awareness rally was organised in near by villages to create awareness among the people,</p>
<p>4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.</p>	<p>Yes ,students perform projects related to electrol process which will be beneficial for online voting.</p>
<p>5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.</p>	<p>There were 134 students participated in the Voter registration camp and complete voter Registration.</p>

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1102	1030	918	836	964

File Description	Document
Upload Supporting Document	View Document
Institutional data in prescribed format	View Document

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 99

File Description	Document
Upload Supporting Document	View Document
Institutional data in prescribed format	View Document

2.2

Number of teaching staff / full time teachers year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
64	70	63	60	63

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
312.32	274.32	179.52	340.67	324.91

File Description	Document
Upload Supporting Document	View Document

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1

The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

Jaihind College of Engineering is affiliated to Savitribai Phule Pune University (SPPU), Pune. Curriculum prescribed by the SPPU, Pune is adhered and therefore institute prepares an academic calendar based on the academic schedule published by the SPPU to implement the curriculum effectively.

Process of effective curriculum planning and implementation:

- 1.SPPU designed and published Curriculum and Academic calendar at the beginning of each semester/year.
- 2.Institute prepares academic calendar in accordance with the SPPU academic calendar.
- 3.Before commencement of each semester, the Principal of the college conducts meeting with the head of all department to plan and communicate academic calendar. The institute`s and departmental academic calendar is prepared in line with the academic calendar of the SPPU, Pune.
- 4.Head of the department conducts meeting with faculty and allocate subjects.
- 5.Subjects are allocated to the faculty taking into consideration, faculty qualification, their specialization, experience and their willingness by HOD. Subject distribution is planned well in advance.
- 6.Class time table, lab Time table, Lab utilization hours are prepared and displayed on departmental notice board with the approval of HOD, Dean and Principal.
- 7.Faculty prepares course file which contains vision and mission of the institute and department, program outcomes, course outcomes, teaching plan, Lab/Practical plan, subject notes, lab manual, question bank, assignments, question papers etc. as per the academic calendar, with the approval of HOD by subject teacher before commencement of the semester.
- 8.Various pedagogical strategies, ICT tools, creative teaching and learning methods are used to deliver Lectures, lab practicals and tutorials according to the plan by the faculty and the attendance and assessment register is prepared by faculty, monitored by HOD, Dean academic, IQAC and Principal. After the completion of every month, Monthly class attendance is displayed on the notice board and conveyed to the students as well as parents.
- 9.For overall development of students and better understanding of the course industrial visits, expert lectures, workshops, seminars, webinars, value added courses are arranged.
- 10.Feedbacks are taken from students, parents, employees and alumni. After analysis conveyed to the concerned authority for necessary action.
- 11.HOD conducts regular meetings with faculty to take review of academic progress.
- 12.Class test and assignments, unit test/prelim exam are conducted and the report of the same along

with the attendance are communicated to students as well as parents.

13. Practical, project work, seminars and tutorials and internal examinations are conducted and accessed continuously.

14. Regular project reviews are taken by the project guide and department.

15. Interdepartmental faculty and external authorities perform the academic audit to adhere the academic activities and to maintain quality of teaching.

The outcome of effective curriculum delivery: Our students are ranked at SPPU University merit list, selected in various reputed industries, selected in Government services and number of students pursued higher studies.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.2 Academic Flexibility

1.2.1

Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

Response: 48

File Description	Document
List of students and the attendance sheet for the above mentioned programs	View Document
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	View Document
Institutional data in the prescribed format	View Document
Evidence of course completion, like course completion certificate etc. Apart from the above:	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Other Upload Files

1

[View Document](#)

1.2.2

Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Response: 72.31

1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
965	1087	439	308	708

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.3 Curriculum Enrichment**1.3.1**

Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

Response:

Our institute is affiliated to Savitribai Phule Pune University (SPPU). There are many courses into the curriculum given by SPPU related to Gender, Environment and Sustainability, Human Values and Professional Ethics for the development of the students. Institute organizes various value added courses and activities which are contribute to sensitizing students to cross-cutting issues related to **Gender, Environment and Sustainability, Human Values and Professional Ethics.**

Environment and Sustainability: Institute has conducted the environmental audit, green audit and energy audit through the external agency to identify the carbon emission and implementing the recommendation given in the audit report. Institute has installed 15 KW roof-top solar PV panel to opt renewable energy source. The Institute organizes tree plantation programs regularly in campus and nearby area/village.

For environmental sustainability the following courses are included in the curriculum:

- **Environmental studies:** Introduces about environmental pollution.
- **Environmental Engineering:** This course highlights aspects related to air pollution, noise

pollution and waste water treatment etc

- **Energy Engineering:** This course gives insights regarding the different sources of energy and different methods of energy conversion
- **Heat Ventilation Air Conditioning and Refrigeration:** This course includes different refrigerant which are responsible for global warming, ozone layer depletion etc
- **Water Supply Engineering and Waste Water Engineering:** This course includes different types of water supply system and waste water management system.
- **Solar and Wind Energy, Renewable Energy Systems, Industrial Psychology and Organizational Behavior:** These courses create awareness about renewable energy sources and technologies.
- **Industrial Safety and Environment Consciousness:** Course includes industrial safety measures and environment consciousness issues.

Human values and Professional Ethics: 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. Every year Induction programme organized for first year students about the Universal human values.

For human values following courses are included in the curriculum:

- **Cyber Security:** It introduces about the malfunctioning cyber crime
- **Stress Management:** This course includes measures for human stress and prevention methods
- **Humanity and Social Science:** Introduce about human values and social ethics.

For Professional Ethics following courses are included in the curriculum:

- **Professional Ethics and Etiquettes:** This course includes professional ethics and Etiquettes.
- **Employability Skills and Development:** This course develops professional skills.
- **Democracy, Election and Governance:** To introduce the meaning of democracy, the role of the governance and to the study of democracy.

For Gender equality issues as part of the curriculum is covered in co-curricular activities:

- Institute organizes various programs to sensitize students about the gender equality, the girls and boys are participating equally in the activities such as projects, paper presentation, poster presentation, group discussion, cultural programmes and sports.
- The institute regularly organizes seminars on women empowerment, girls health and hygiene, personality development where experts are invited to share and deliver their experiences. The institute organizes various programs under the National Service Scheme (NSS) so as to sensitize students about gender equality.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.3.2

Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 91.29

1.3.2.1 Number of students undertaking project work/field work / internships

Response: 1006

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.4 Feedback System**1.4.1**

Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website

Response: C. Feedback collected and analysed

File Description	Document
Feedback analysis report submitted to appropriate bodies	View Document
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	View Document
Action taken report on the feedback analysis	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Enrolment percentage

Response: 16.61

2.1.1.1 Number of seats filled year wise during last five years (Only first year admissions to be considered)

2022-23	2021-22	2020-21	2019-20	2018-19
106	75	36	25	37

2.1.1.2 Number of sanctioned seats year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
348	318	318	348	348

File Description

Document

Institutional data in the prescribed format

[View Document](#)

Final admission list as published by the HEI and endorsed by the competent authority

[View Document](#)

Document related to sanction of intake from affiliating University/ Government/statutory body for first year's students only.

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

2.1.2

Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

Response: 34.89

2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)

2022-23	2021-22	2020-21	2019-20	2018-19
127	75	34	25	37

2.1.2.2 Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
174	161	164	208	147

File Description	Document
Institutional data in the prescribed format	View Document
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	View Document
Copy of communication issued by state govt. or Central Government indicating the reserved categories(SC,ST,OBC,Divyangjan,etc.) to be considered as per the state rule (Translated copy in English to be provided as applicable)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.2 Student Teacher Ratio

2.2.1

Student – Full time Teacher Ratio
(Data for the latest completed academic year)

Response: 17.22

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 and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Response:

Institution has adopted Outcome Based Education (OBE). Experiential learning, participative learning and problem solving methodologies are used for effective teaching-learning experience which is aligned with OBE. Institute has received Certificate of excellence “**OBE ranking 2023**” from R-World Institutional Ranking. Institute Ranked in **Silver Band with B+ + Grade** Institute uses Information and Communication Technology (ICT) to support, enhance, and optimize the delivery of curriculum.

Experiential Learning Methods

- Experiential learning tutorials are conducted which includes proactive teaching learning methods. Multimedia teaching methods like animated videos, demo videos, PPTs are incorporated to enhance students learning levels of the course.
- Expert lectures, seminars, workshops and paper presentation are arranged for students in every semester to give hands on experience to students.
- Industrial visits and field visits are organized for the practical exposure to the students.
- Internship is provided to the students to bridge the gap between academic and industry.
- Students participated in the events such as Avishkar, GMRT science exhibition, Hackathons, Innofest, Ideathon where students get experience of working on real-life problem statement.

Participative learning

- Institute central library is well equipped with reference books, technical magazines, journals and NPTEL lectures videos.
- For participative learning of students, the institute organizes collegiate events like Innofest, Techno spark, JCON conference, Technophilia, Debate and Quiz competitions and poster presentations etc.
- Faculty and students are motivated to participate in different technical paper presentations, conferences and workshops.
- Students are encouraged and guided to undertake industry sponsored project. Institute organizes technical competitions such as paper presentation, project competition and science exhibition.
- Wi-Fi facility is available in the institute to allow students to access technical resources.

Problem solving Methodology

- Final year projects, Sponsored projects, Mini projects and Project Based Learning are the important components that allows the students to do active experimentation
- The Soft skill trainings are organized as the students are from rural background and have weak communication skills.
- A mentor is assigned for every 15-20 student.
- The institute promotes social awareness in the students through different activities like NSS & UBA etc.
- Project based learning: students able to solve the real time problems, hands-on experience of using real world components, tools, instruments, equipment and machinery.

Faculty efforts: Faculty uses innovative teaching methods such as ICT tools, LMS activity, blog,

Google classrooms for enhancing learning experience. Institute has smart classroom equipped with interactive board and projector for effective transfer of knowledge and skills, Nodal Centre for IIRS, ISRO where students experience the experiments remotely helped them in learning during COVID-19 pandemic situation. In Covid-19 pandemic lockdown condition, classes were conducted through online mode by using **Microsoft teams or Google meet or ZOOM platform**. Faculty has developed e-content and uploaded on YouTube which are easily accessible to students. Teacher shares lecture notes and study material on digital media.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.4 Teacher Profile and Quality

2.4.1

Percentage of full-time teachers against sanctioned posts during the last five years

Response: 98.16

2.4.1.1 Number of sanctioned posts year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
63	58	63	71	71

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.4.2

Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)

Response: 7.81

2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
8	7	4	3	3

File Description	Document
List of faculties having Ph. D. / D.Sc. / D.Litt./ L.L.D along with particulars of degree awarding university, subject and the year of award per academic year.	View Document
Institution data in the prescribed format	View Document
Copies of Ph.D./D.Sc / D.Litt./ L.L.D awarded by UGC recognized universities	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.5 Evaluation Process and Reforms**2.5.1**

Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Response:

Institute is affiliated to Savitribai Phule Pune University (SPPU) and follows the examination scheme of SPPU. The assessment mechanism plays a crucial role in determining the learning outcomes of students. The assessment is carried out as internal and external assessment which allows for a comprehensive understanding of students progress and achievements. Assessment scheme is explained to the students to bring in transparency. The internal assessment process is conducted transparently and systematically, involving various components such as unit tests/class tests, laboratory term work, and assignments. The clarity of evaluation processes involved students, faculty and HOD. The schedule of Unit Test is included in academic calendar and communicated to student at the time of commencement of semester. After evaluation of unit test answer sheets are shown to the students and marks obtained are displayed on notice board. If any grievances are raised by the students, are resolved by the course teacher and Head of department (HOD).

Internal Assessment:

Internal Assessment is for term work which is assessed throughout the semester. Students are

assessed on the basis of following criteria

1. Attendance of theory lectures and practical's performed in laboratory
2. Unit Test I and Unit Test II performance
3. Presentation and communication skills while experiments submission
4. Timely assignment completion and submission
5. Participation in extra curriculum activities like paper presentation, cultural activities and sports.
6. Participation in Industrial Visits and Internship.

Final internal term work marks are displayed at the end of each semester for students information. If any grievances are raised by the students regarding marks, it solved by concern faculty and head of department.

External Assessment:

As per University guidelines college has appointed college examination officer (CEO) for smooth conduct of oral practical and theory examination scheduled and conducted by university. The affiliating university conducts insem , endsem, practical/ oral/project work examination. Insem assessment is done at college level as per university guidelines. The affiliating University has their own system of assessment and evaluation of endsem examination. Practical/oral/project exams are conducted by external examiners appointed by the affiliating university.

University has Exam support system in the examination section for timely and efficient resolution of grievances. For university examination related grievances university has provided webmail facility, through which college can communicate to Exam-Support system or exam coordination and the grievances can be rectified. In case of any grievance, student is asked to submit a written application to the college examination officer. Hand written signed application from students address to exam section of the university mentioning the grievance is taken (filling of exam form/photography/revaluation forms, Hall tickets, mark entry, results, mark sheets etc.). Within 2-3 working days the students application is communicated to university telephonically or mailed on webmail or in person submitted to the university along with necessary documents forwarded through the Principal. University takes suitable action on the student's application as per university procedure. Depending on the type of grievances university informs college and/or students directly.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1

Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website

Response:

Formulation of program outcomes (POs) and course outcomes (COs) in accordance with NBA guidelines and University standards is a best practice that contributes to the quality and effectiveness of the educational programs offered by the institute. This structured approach supports assessment, accreditation, and continuous improvement efforts.

Program Outcomes are defined from Graduate Attributes stated by Washington Accord whereas COs are provided by the university in the curriculum for each course. Program Specific Outcomes are based on the specialization of the program. The COs are mapped with POs and PSOs. Faculty members of Department plans and conducts activities to achieve the COs and POs. The POs and COs are communicated to the students at the commencement of every semester and academic year. The institute's and department's Vision, Mission, PO`s, PSO's, and PEO`s are displayed on the main entrance of each department in English along with the local language (Marathi) for easy understanding by stakeholders. POs incorporate many areas of inter-related knowledge, skills, and personality traits that are to be acquired by the students during their graduation.

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. Printed on laboratory manuals.
4. CO`s and PO`s are displayed on attendance and assessment record.
5. Laboratories through display boards.
6. In course files.
7. Conveyed during various value added courses, workshops, seminars, induction programs
8. Displayed in the Library.
9. College magazine and prospectus.
10. Departmental HoD meeting.
11. RWORX ERP software.

Course outcomes (COs) are direct statements that describe the essential and enduring disciplinary knowledge and abilities that students should possess and the depth of learning that is expected upon completion of a course. Course results are prepared by the course instructor in consultation with the relevant teachers teaching the same course.

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 (with RWORX)
4. CO`s and PO`s are communicated to students during classroom teaching.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6.2

Attainment of POs and COs are evaluated.

Explain with evidence in a maximum of 500 words

Response:

Each course has a defined set of course outcomes and corresponding evaluation criteria. The course outcomes are counterplotted to the programme outcomes, which are used to give the quantitative dimension to achieve the programme outcomes. The performance of the scholars in the examinations during the semester in each course is used to determine the position of attainment of the POs and PSOs through the mapping of questions to COs and COs to POs and PSOs. The head of each department assigns a course to each course coordinator. It includes the following steps:

Step I: Creation of CO`s

Each course coordinator creates the statements of course outcomes as per the curriculum along with Bloom`s level taxonomy.

Step II: CO-PO mapping

In this step, the correlation of CO with PO and PSO is prepared by using AICTE exam reform policy documents.

The levels used for co-relation are:

No Co-relation:0 Low Co-relation: 1 Medium Co-relation: 2 High Co-relation: 3

Step III: Selection of Internal and External Tools

The course coordinator selects the tools for assessment. There are both internal and external tools. Internal tools include class tests, assignments, unit tests, industrial visits, presentations, laboratory experiments and quizzes, mini projects, major projects, seminars, and internship courses. External tools include the INSEM examination, the oral exam, the practical exam, and the term work examination.

Step IV: CO Target

Targets for CO are decided by the course coordinator along with the level of correlation, with consideration given to the format of the question papers approved by the head of department.

Step V: Tool CO linking

In this step, the target for marks is set in percentage by considering the question paper.

Each question in a unit test, class test assignment, etc. is tagged to the corresponding CO, and the overall attainment of that CO is calculated on average.

Step VI: Tool Evaluation

The assessment of students is carried out by considering secured marks in selected tools in step 4.

Step VII: Tool CO attainment

Attainment of each tool is evaluated and checked to see whether the target level is achieved or not.

Step VIII: Course CO attainment

Step IX: PO and PSO attainment

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6.3

Pass percentage of Students during last five years (excluding backlog students)

Response: 91.01

2.6.3.1 Number of final year students who passed the university examination year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
172	274	299	272	248

2.6.3.2 Number of final year students who appeared for the university examination year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
228	279	305	275	303

File Description	Document
Institutional data in the prescribed format	View Document
Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year (final semester) eligible for the degree programwise / year-wise.	View Document
Annual report of controller of Examinations(COE) highlighting the pass percentage of final year students	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.7 Student Satisfaction Survey

<p>2.7.1</p> <p>Online student satisfaction survey regarding teaching learning process</p> <p>Response: 3.82</p>	
File Description	Document
Upload database of all students on roll as per data template	View Document

Criterion 3 - 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 last five years (INR in Lakhs)

Response: 11.17

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

2022-23	2021-22	2020-21	2019-20	2018-19
9.17	0	0	0	2

File Description

Document

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

3.2 Innovation Ecosystem

3.2.1

Institution has created an ecosystem for innovations, Indian Knowledge System (IKS),including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

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 has established Institution's Innovation Council (IIC) as per AICTE guidelines. Innovation Council has active participation in implementing Innovation and Entrepreneurship activities for students.

Institute also has a Research Centre approved by Savitribai Phule Pune University. Researchers from

Mechanical Engineering and Electronics & Telecommunication Engineering can carry out their research work for PhD program. 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. Faculty members publishes research papers in Scopus, UGC approved journals. Institute organizes National Conference every year to provide platform to academicians, researchers and students to present and share their research work.

At Institute Level RRC is established and institute has incentive based policy for enhancing research culture amongst faculty and student. Each department has Departmental Research Committee (DRC) with Head of the department as Chairperson, and some selected Faculties as members. Faculty members publishes research paper in Scopus, UGC approved journal. Institute organizes **National/International Conference JCON** to provide a platform to academicians , researchers and students to present and share their research work.. Institute conducts project competition –**Ideathon, Mock Hackthon, Mock Avishkar** for students.

The research cell committee oversees the smooth and efficient coordination of research and development activities in the institute, thus fostering overall growth. The aim of JCOE R&D cell is to foresee future problems through pursuit of technology to respond to current social demands, and to contribute to the creation and development of scientific technologies with the aim of realizing an affluent society and natural environment for humanity.

Our Institution is located in an eco-friendly campus and our management encourages staff and students to carry out research projects that give practical solutions to problems. .The Incubation Centre is primarily established to encourage students, staff and alumni for entrepreneurship and innovation. It provides a platform to the prospective entrepreneurs to convert business plan into a commercially viable project by applying technical and managerial skills for societal needs

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	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.2.2

Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

Response: 94

3.2.2.1 Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
24	26	5	8	31

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.3 Research Publications and Awards

3.3.1

Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

Response: 1.05

3.3.1.1 Number of research papers in the Journals notified on UGC CARE list year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
15	06	08	02	73

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	View Document
Link to re-directing to journal source-cite website in case of digital journals	View Document
Links to the papers published in journals listed in UGC CARE list or	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.3.2

Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 1.46

3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
44	3	31	16	51

File Description	Document
List of chapter/book along with the links redirecting to the source website	View Document
Institutional data in the prescribed format	View Document
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.4 Extension Activities**3.4.1**

Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

Response:

The Institute plays a vital role in fostering social responsibility among the students and their holistic development through the participation in extension activities under National Service Scheme (NSS). NSS helps the students to develop a concern on the health, environment, improving life of rural people through community service.

The Institute encourages the faculty and students to initiate, participate and implement the programmes which contribute to social awareness for environment protection, water conservation, computer education, blood donation camps, educating rural people etc.

Extension activities are encouraged to be taken up by the students in order to fulfill the aspirations of Vision and Mission of the institution. In addition these students are trained in developing the science models and display during the technical fest. Further the institution encourages students to participate in curricular, co-curricular and extra-curricular activities.

The students feel a sense of responsibility and believe that they need to give back to society and the environment. The faculty and students of the institute address socioeconomic and community problems in agriculture, water, transportation and conservation, power and environment. The NSS student volunteers take up social service activities such as special camps in adopted villages, service to orphanages, tree plantation, yoga classes, and flood relief camps. All these programs develop in the students a sense of responsibility, accountability, integrity and human values towards achieving the vision and mission of the institution.

Organizing blood donation camps in association with Suratwala Foundation, Pune and Shivneri Blood Centre. To develop concern about environment, activities like Swatch Bharat Abhiyan, Tree Plantation Drive, Plastic free Forests, Voter Registration Camp, Suryanamaskar activity, Jal sauvaradhan paryavaran rakshan, Road safety abhiyaan are carried out. Seminars and workshops are conducted to address issues like women health and hygiene, women empowerment, gender sensitization. NSS organizes special camps in near by villages in which activities like women empowerment, cleanliness drive, health check-up camps, educating school students, solving water problems etc. are carried out.

NSS unit of the institute extended help in natural calamities like flood in Kolhapur District of Maharashtra. Institute encourages students to participate in various State, National and International level activities, workshops and camps. The institution has earned the good will of the neighboring villages and has been getting some work force as employees at the college. These outreach activities ensure that the students are sensitized about the social issues pertaining to the surroundings. The extension activities are designed to ensure that students become well rounded personalities apart from excelling in their academics. By living with the villagers, the students tend to understand the dignity of labor, the difficulties faced by the village people and these in turn shape them into socially conscious citizens.

Active involvement of students in all the above activities shapes them into responsible human beings, conscious of the social issues and contributes for their holistic development. Institute has also registered with Unnat Bharat Abhiyan and committed to work in rural sector.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.4.2

Awards and recognitions received for extension activities from government / government recognised bodies

Response:

The institute has conducted several extension activities to address social issues and these activities are appreciated by the different government/government recognized bodies. A summary of awards and recognitions received for extension activities from government/government recognized bodies is as follows-

1. Certificate of participation from **ministry of Ayush, Government of India** for Successful participation in mass Surya- Namskar (14th Jan 2022)
2. Letter of recognition from Z.P School of Basti town Tal-Junnar, Dist-Pune in NSS Camp NSS volunteers of the college attended a Seven days NSS camp and Classroom Cleanliness Drive.
3. Letter of recognition from Basti town Tal. Junnar, Dist-Pune in NSS which is held in between 8th Feb 2022 to 14th Feb 2022.in the Appreciation letter Sarpanch and member of Gram Panchyat of Basti.
4. Certificate of participation for organization of Blood donation camp for Acharya Anandrishiji Pune blood bank organized by Jaihind college of Engineering, Kuran.(12nd Oct.2022)
5. Special Recognition letter from Tikekarwadi
6. Certificate of participation to Shubham Khandu Fulsundar in state level training camp on Disaster management organized by north Maharashtra University Jalgaon during 19th December to 28th December 2022.
7. Award from Junnar Assembly Constituency regarding voter awareness on National Voter Day 2023.
8. Appreciation letter for participation in Edu meet which is organized by SPPU Pune with association of Art of living of Shri Shri Ravishankar held on 4th Feb 2023 in Pune.
9. Letter of recognition from Vadgaon Sahani town Tal. Junnar, Dist-Pune in NSS which is held in between 8th march 2023 to 14th march 2023.
10. Certificate of appreciation from energy Swaraj foundation jointly in collaboration with NITI-AAYOG –AIM, AICTE and CSIR on April 2022-2023.
11. Special drive for Plastic Free Forest.
12. Letter of recognition from forest office Junnar and SPPU, Pune for Tree plantation- Junnar to Narayangaon (15000 trees plantation project- 19th & 20th Aug 2023)
13. Silver Certificate of appreciation has been awarded from Energy Swaraj foundation for making 500+ people energy literate.
14. Certificate of participation in Blood donation camp organized by Acharya Anandrishiji Pune blood bank and Jaihind college of Engineering, Kuran.(17th Oct.2023).
15. Certificate of participation in Blood donation Drive 2023 organized by Shivneri blood bank Centre, Manchar, HDFC bank and Jaihind College of engineering.(6th Dec 2023)
16. Appreciation Letter from The Poona North Rotary Charitable Trust & ACR Project Consultants Pvt. Ltd.
17. Special appreciation letter from Government of India for the part of Meri Mati Mera Desh awareness program.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.4.3

Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.

Response: 51

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
17	17	00	09	08

File Description	Document
Photographs and any other supporting document of relevance should have proper captions and dates.	View Document
Institutional data in the prescribed format	View Document
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.5 Collaboration**3.5.1**

Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 45

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	View Document
List of year wise activities and exchange should be provided	View Document
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The Institution has adequate infrastructure and other facilities for,

- teaching – learning, viz., classrooms, laboratories, computing equipment etc
- ICT – enabled facilities such as smart class, LMS etc.

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)

Response:

An adequate infrastructure is provided at Jaihind college of Engineering as per the norms specified by AICTE, New Delhi and Savitribai Phule Pune University (SPPU). The Institute encompasses a well maintained lush green campus spread over 12 acres of land ensuring adequate availability and optimal utilization of physical infrastructure for effective teaching and learning activities.

The institute has developed essential Teaching-Learning Infrastructure and adequate amenities for co-curricular and extracurricular activities to provide students with ample opportunities to learn, grow, and succeed with classrooms, well-equipped laboratories, seminar halls, central library, and a well-equipped spacious workshop.

Classrooms: Institute encompasses a sufficient number of well-furnished, well ventilated, spacious classrooms and well equipped classrooms for conducting theory classes.

Technology Enabled learning facility: The Institute has ICT Classrooms where the provision of multimedia learning, Wi-Fi connectivity and internet access is given.

IQAC Cell: The Institute has a dedicated A/C meeting hall, equipped with a smart TV, located near the Principal's cabin for academic and administrative functions. This hall is ideal for hosting presentations, meetings, and other events.

Seminar Hall: The Institute has multiple seminar halls. These halls are regularly used for conducting state level, national level seminars and conferences at the Institute.

Laboratories: All laboratories are well equipped with state of the art equipment and facilities as per AICTE norms. Labs have free and open source software (FOSS) and license software to cater the requirements of curriculum & industry enabled teaching.

Cultural activities: Students are encouraged to showcase their talents and engage in creative expression

through cultural events like "SPANDAN" and "ANTARANG" festival. Institute has 12000sq ft. well organized **auditorium** for celebration of all activities.

Institute provides students with common facilities, including a **boy's and girl's common room**, a **health care center** with doctor visits, **counseling room**.

For sports enthusiasts, the Institute has playgrounds with facilities like a **basketball court**, a **kabaddi ground**, **kho-kho ground** and a **volleyball court**. The Institute also has indoor game facilities like table tennis, chess, carrom boards.

To encourage physical wellness and good health, the Institute has provided **gymnasium**, accessible to students on campus.

Every year, the Institute celebrates World Yoga Day to promote a culture of health consciousness among students and faculty.

Wi-Fi: The campus of institute is covered with Wi-Fi with 24/7 internet facilities. Available bandwidth: 100 mbps. Internet facility is available in whole campus including labs, library, and offices of all Departments.

Central Library: Our central library is fully computerized by automating the issue of books with bar code reader and access through <http://192.168.101.138/AutoLibWebOPAC/Login.aspx>

for availability of titles and books in the library. The library has titles 3456 and 12486 total volumes with 49 national and 31 international journals subscriptions which cover all major fields of Science and Engineering. The library covers an area of 400.07 sq. M. with a reading room.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.1.2

Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years

Response: 34

4.1.2.1 **Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
97.31	79.75	76.83	111.29	121.55

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

4.2 Library as a Learning Resource

4.2.1

Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students

Response:

Jaihind College of Engineering Library is equipped with Books, Journals, Periodicals, Newspaper, Project reports, Journals bound Volumes and book CD's to fulfil the needs of users. Exam question papers of previous years are also made available for students as per their requirement. Library Vision is to provide quality information and learning experience to students with the skills to adapt & thrive in changing Global environment. Library is continuously updated in view of changing technology. Our Central Library is situated at main entrance of building. So it is very comfortable for all the students and faculties for access the Library. Library spreads over 495.6sq.Area with Wi-Fi connectivity, Two reading hall of 120 capacity, Boys and Girls separate Reading hall has ample space, natural air, light and fresh environment. One reading hall is open for hostel student at night for their study. Stack room, Reference section, Staff reading hall cum discussion room. Digital Library section is also made separate with 10 computers with internet access for students. Library environment is very silent and with positive vibes.

Library automated by the "AUTOLIB NG" software with barcode technology. This is an integrated multi-user system that supports all library operations; it consists of modules on circulation, Admin, Reports, Masters, serial control and WebOPAC. All types of reports, e.g. daily, monthly, students, staff issue/return, students/Staff history, Members list, Department-wise collection of books, year-wise purchasing data, Accession number-wise, fines etc. are generated by the system. Reports are generated in excel and graphical format. Spine labels, barcodes for books and book cards are printed through the software. Students and staff In/Out records are maintained through scanning I card barcode. OPAC

provides various search options of books by Title, Author, Publisher, Keywords, Accession number. It provides online information about the library collection, availability, status of the books etc. WEB-OPAC application is also provided for remote access.

For plagiarism check Institute has “**Turnitin**” software. Turnitin software is very useful for our all students and faculty to check plagiarism and download the report for technical paper. Institute has a subscription to K-HUB e Library access for students and faculty. K – HUB offers an enriched compilation of resources covering our all departments. It Covers E Journals - 10332, E Books – 5064, Case reports – 821, Videos - 194, Conference Proceeding – 113, Special collections – 78 in special collection. There are Springer Engineering full text articles collections, ASME engineering full text article collection, IEEE full text article collection, SAE mobiles full text article collection and SAGE engineering and computing full text article collection. In K – HUB there are some downloadable articles are available such as Extreme Mechanics Letters, IEEE Electron Devices letters, Journal of Composite materials, International Journal of Machine Tool and Manufacturing.

Central library has active membership of **DELNET**. DELNET is huge platform for all users; it covers all resources under one umbrella, it saves times of users.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.3 IT Infrastructure

4.3.1

Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words

Response:

Answer: IT facilities have been updated on a regular basis. Also, new IT equipment has been purchased as per the requirements, and ensuring that there is sufficient internet bandwidth available for users.

In Session 2018-19, For Software upgrade, Microsoft Campus License (50Qty.) was Purchased and Seqrite software license (200 endpoint), D link switched with 24 ports

Tally Software Subscription.

In Session2019-20, the institution purchased 03 switch D-Link with 24 port for network extension, UTP CAT-6 DLink Cable, 160 Qty. HDD 500GB SEAGATE SATA Hard Disc, Quick Heal Terminator,

Microsoft campus license purchased.

In Session 2020-21, the institution purchased Microsoft campus license (50 Qty), Microsoft Team License

In Session 2021-22, the institution purchased 2 switches with 24 port and 1 switch with 8 port DLink for network extension. Institute acquired 50 Mbps internet lease line and 50 Mbps Broadband from Samruddhi Communication Pvt. Ltd.

In 2022-23, Institute increased its internet bandwidth by acquiring 100 Mbps 1:1 Internet Lease Lines from Shree Sai Digital Services. 40HP desktop (with Core i7, 6th Generation, 8GB RAM, Hard disc-SSD 256GB) was purchased to upgrade existing computer laboratories. The institution purchased One 50" Smart 4K LED TV for academic activity display through digital way. Institute Purchased ERP software RWork which covers "Academic Administration" for institute from Rsense Technology Solution Pvt. Ltd., the institution purchased a HP1020Laser Jet Printer, ESSL Multi Biometric Time attendance and access control system U face 302, Panasonic pro HD +Dome camera (30 QTY), Desktop Dell Core i7 6th Gen 8GB ram 256GB SSD (22 QTY)

The Institute has recently upgraded its IT infrastructure with advanced 60HP Desktop featuring 400 G4 SFF (Processor i7 7thGen, Ram 16GB DDR4, SSD 512GB) for computer Laboratories and project work. Institute renewed RWork SaaS Subscription which covers "Academic Administration" for institute from Rsense Technology Solution Pvt. Ltd. The institution purchased Interactive Board (NEOD IFP (4+32GB Android 11) 75"- A Grade) for interactive teaching learning facility. The institution purchased one HP M1213 NF MFP Laser Jet Printer.

At Present, we have 410 computers, 2 Smart Board, 10 wifi Access points, 20 Printers (Laser, Dot Matrix, Colour, all in one), 7 Scanners, 1 Plotter, 13 LCD Projectors,32 LAN Switches, 36 CCTV Cameras, 1 Server (with 6 GB RAM, 500 GB HDD). In addition to this we have battery backup 7.5 KVA UPS and for backup 62 KVA and 50 KVA Digiset available.

Our Campus has internet connectivity with sufficient bandwidth. Speed of the internet is 100 Mbps.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.3.2

Student – Computer ratio (Data for the latest completed academic year)

Response: 3.06

4.3.2.1 Number of computers available for students usage during the latest completed academic year:

Response: 360

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	View Document
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1

Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)

Response: 44.41

4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
167.9	137.8	69.65	119.2	141.3

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years

Response: 64.1

5.1.1.1 Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
679	719	578	479	654

File Description

Document

Year-wise list of beneficiary students in each scheme duly signed by the competent authority.

[View Document](#)

Upload policy document of the HEI for award of scholarship and freeships.

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

5.1.2

Following capacity development and skills enhancement activities are organised for improving students' capability

- 1. Soft skills**
- 2. Language and communication skills**
- 3. Life skills (Yoga, physical fitness, health and hygiene)**
- 4. ICT/computing skills**

Response: A. All of the above

File Description	Document
Report with photographs on Programmes /activities conducted to enhance soft skills, Language and communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	View Document
Report with photographs on ICT/computing skills enhancement programs	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.1.3

Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 52.29

5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1066	646	409	43	372

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.4

The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

- 1.Implementation of guidelines of statutory/regulatory bodies**
- 2.Organisation wide awareness and undertakings on policies with zero tolerance**
- 3.Mechanisms for submission of online/offline students' grievances**
- 4.Timely redressal of the grievances through appropriate committees**

Response: A. All of the above

File Description	Document
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	View Document
Proof related to Mechanisms for submission of online/offline students' grievances	View Document
Proof for Implementation of guidelines of statutory/regulatory bodies	View Document
Details of statutory/regulatory Committees (to be notified in institutional website also)	View Document
Annual report of the committee motioning the activities and number of grievances redressed to prove timely redressal of the grievances	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.2 Student Progression

5.2.1

Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 35.25

5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
79	101	89	72	101

5.2.1.2 Number of outgoing students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
249	271	303	261	170

File Description	Document
Number and List of students placed along with placement details such as name of the company, compensation, etc and links to Placement order(the above list should be available on institutional website)	View Document
List of students progressing for Higher Education, with details of program and institution that they are/have enrolled along with links to proof of continuation in higher education.(the above list should be available on institutional website)	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.2.2

Percentage of students qualifying in state/national/ international level examinations during the last five years

Response: 1.04

5.2.2.1 Number of students qualifying in state/ national/ international level examinations year wise during last five years (eg: IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/Civil Services/State government examinations etc.)

2022-23	2021-22	2020-21	2019-20	2018-19
01	04	01	0	01

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

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 last five years

Response: 12

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1	01	00	03	07

File Description**Document**

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

5.3.2

Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 11.4

5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
16	08	00	10	23

File Description**Document**

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

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

Response:

The mission of the association is to reach, engage and serve alumni and current students by networking with one another to foster a life-long intellectual and emotional connection between the alumni and institute.. To build a strong network of Alumni, the Institute has registered an Alumni association in 2019 with **the Registration number MAHA/14001/2019/PUNE** dated on 18/9/2019, that contributes significantly to the development of the institution through financial and/or other support services. Alumni raise the fund which is used for student development activities and alumni donated the equipment to enhance teaching learning process. Alumni provide feedback on infrastructure development and other academic and suggest gaps in syllabus considering current demands of industry. 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 internships of the institute students. For the social and professional development of students alumni interacts with students through lecture talks and webinars. To become entrepreneurs alumni encourage and guide the students of the institute. It gives support to the students through interaction and guidance

The institute organizes **“Sneh-Melava/Affinity” alumni meet**. On an average 300 to 400 alumni participate in the Alumini meet program. During the meet, the alumni interact with the students, faculties, management and share their ideas for the overall development of the institute and students.

Institute had arranged this program to register all passed out students for alumni and also track their career graph after graduation. Alumina shared their experience and feelings with staff and students.

The alumni have competence in a broad range of technical and nontechnical disciplines. They work in sectors like IT, Communication, Automotive, Manufacturing, Electronics Industries etc. Some of them also have administrative roles in the Government sectors. Many of them have advanced degrees from the reputed colleges and have prominent positions in well-known companies or educational institutions. Some of them have become successful entrepreneurs. Many of the Alumni also act as mentors for the projects by providing valuable guidance at various levels during the projects and internships. The alumni of the institute, guide and support the students for the competitions such as Go-kart, Avishkar, competitive exams, Hackathon, entrepreneurship etc. They also deliver expert talks on current affairs and career opportunities, conduct workshops on technical topics to our students. They also provide infrastructure facilities at their own end wherever possible and the technological need arises. The Institute is happy about the success of the alumni, as many of them are in good positions in reputed companies.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.

Response:

The vision statement of the institute is **“To enrich the role of the nation building by imparting the qualitative technical education”**.

The mission statement of the institute is-

- **Impart technical knowledge through prescribed curriculum of university**
- **Inculcate ethical and moral values in students for environmental and sustainable development**
- **Equip the aspirants through co and extra- curricular activities to excel in career**

The management of institute, Board of Trustees and Governing Council gives directions for the development of the institute. To achieve institutes Vision, Mission, Goals, and Objectives various committees are formed as per norms of statutory bodies such as College Development Committee (CDC), Internal Quality Assurance Cell (IQAC), Academic Monitoring Committee, Institute innovation council, anti ragging committee, grievance redressal committee .research and development committee, internal complaint committee and other committees. The institute promotes decentralization and participative control with the involvement of stakeholders in committees. The institute formulates the academic and financial action plans for the upcoming year to achieve the vision mission of the institute. Deans, Head of Departments, administrative officer, NSS officer, Students welfare and development officer, Training and Placement officer perform their role for the institutional growth. Teaching and non-teaching staff members are nominated on various committees which plan and monitor the development of the institute. To ensure effective, smooth and successful implementation of strategic plan, dynamic changes are made timely.

Institute promotes culture of participative management. Faculty members are involved in execution of planned activities and assigned academic and administrative responsibilities. The committees are set up to execute predefined strategies that emphasize active involvement of faculty as mentioned below.

Top Management Level:

Board of Governors:

The Board of Governors is the institute`s highest decision making body along with the many functional bodies and committees. All the rules and regulations and policies are approved by the governing council of institute and are published.

College Development committee (CDC) provides policies and guidelines focusing vision and mission of the institution. Prepare an overall development plan of the institute

related to academic, administrative and infrastructural growth.

Principal's Administration:

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

Internal Quality Assurance Cell (IQAC): To develop and apply various quality related activities for academic, administrative, learners centric, extracurricular and outcome based activities for the overall development of students to create social awareness and to make them globally compatible.

Academic Monitoring committee (AMC): All the activities related to academic curriculum managed by dean academic.

Research and Development (R&D) Cell: Activities related to research work and different project competitions arranged by Dean R&D.

Head of Department (HoD): Co curricular, extracurricular and academic events are plan organized for the smooth functioning of the departmental activities.

Faculty: 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.

The Institute has College Examination Officer (CEO) for the smooth conduction of all examination.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.2 Strategy Development and Deployment

6.2.1

The institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc

Response:

Perspective Plan-The institute has prepared perspective plan for continuous development of the institute and the plan effectively deployed with the help of BOG, CDC and IQAC.

The following performance indicator plays major role for the effective implementation of the perspective plan

- Admission,
- Accreditation
- Audit
- Internal Quality Assurance Cell
- Enhance the academic excellence
- Human resource development Higher education
- Faculty Development
- Training and Placement and Entrepreneurship
- National and International Collaborations
- Research and development
- Performance Indicator
- Student Support and development
- Extra –Curricular & Extension Activities (NSS)
- Socio- economic Development
- Alumni Connect
- Infrastructure & ICT facilities

The Institute has decentralized the governance system. Various committees, Deans, HODs of various departments and other faculty play a key role for the effective deployment of perspective plan. Various co-curricular and extra-curricular activities are planned and implemented for the successful deployment of perspective plan. In order to achieve vision and mission of the institute.

Administrative setup- Jaihind College of engineering, Kuran was established in the year 2010 under the umbrella of Jaihind Comprehensive educational Institute founded by Late. Mahadev alias Tatyasaheb Rakhmaji Gunjal with the vision of imparting quality Technical Education. Institute is located at Kuran at distance of 6 Kms from both Narayangaon and Junnar in Pune district. Institute framework has Board of Trustee, Board of Governance followed by College Development Committee and Internal quality Assurance Cell.

Appointment: During UGC interviews, the procedure is as follows- University sanctions workload and number of positions required for particular academic year. These positions get allocated as per reservation policy of state government which is called as roster of teaching faculty positions and gets approved by Reservation Cells of SPPU and State Government. After finalization of roster, advertisement is published in national news papers. With respect to advertisement, applications are invited from eligible candidates with 15 days from date of publication of advertisement. Also details of eligible candidates are taken from various state government agencies which handle the data of candidates. After getting the data of eligible candidates institute Request University to appoint selection committee. University appoints the selection committee. After interview as per recommendation and joining of the candidates, Institute forwards the proposal of these candidates to University for approval. Vacant seats are filled by constituting local selection committee as per university guidelines. Each candidate is appropriately assessed with regards to technical knowledge, competence and skill sets.

Service Rules

The service rules are based on the rules and regulations of the regulatory bodies, as per the statutes of the

affiliating university. It is also compiled in the form of Service Rule Manual.

Promotional Policies: The institute has laid down promotional policies based on performance appraisal system which consist of self appraisal and appraisal by the Head of institution. Appraisal is reviewed with face to face interaction with the management and presentation on self appraisal. Annual assessment of performance based on appraisal system is adopted as per guidelines of AICTE and Government of Maharashtra.

File Description	Document
Upload Additional information	View Document
Institutional perspective Plan and deployment documents on the website	View Document
Provide Link for Additional information	View Document

6.2.2

Institution implements e-governance in its operations

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Response: A. All of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	View Document
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	View Document
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

6.3 Faculty Empowerment Strategies

6.3.1

The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

Response:

The institute is taking continuous efforts for the professional development of its teaching and non teaching staff by organizing various programs. Institute has provided many welfare schemes to the teaching faculty and non teaching staff to support for healthy working environment. Institute provides following welfare measures.

Institute gives salary advance to the needy faculty as per institutional policy. Institute provides duty leave and financial support to the faculty for attending workshops, seminars, national and international conference, FDPs, STTPs etc.

Institute 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.

Institute provides uniforms to teaching and non teaching faculties. Uniform is being provided for security guards with all required accessories. Medical facility on campus, ambulance in case of emergency is also being provided for all staff.

Appreciation/Reward for outstanding contribution: Every year on the occasion of Foundation day of the trust, the teaching faculty members and nonteaching staff is felicitated for certain achievements. Best teacher award for teaching faculty member and best employee award for non-teaching staff is awarded for contribution to the institution. Faculty received incentive for their research work. Institute provide financial support for the research publications, book and patent publication.

Support for higher education: The management takes the initiative to motivate the teaching and non-teaching staff for enrolling to Graduate, Postgraduate, and Ph.D. programs. The Institution's library, laboratory, and infrastructure facilities are available to the staff for pursuing such programs.

Financial support for professional membership: The professional membership help the faculty for the development of their career so the Institute provide financial support for the same.

Performance Appraisal System for teaching staff

The institute has laid down promotional policies based on performance appraisal system which consist of self appraisal and appraisal by the Head of institution. The performance appraisal information includes general information and academic background attended during the year. Appraisal is reviewed with face to face interaction with the management and presentation on self appraisal. Annual assessment of performance based on appraisal system is adopted as per guidelines of AICTE and Government of Maharashtra.

Main components of the appraisal system are

- Teaching Learning and evaluation related activities
- Co curricular and Professional Development related activities
- Research related activities
- Students' Feedback
- Institute level activities

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.

Appraisal system for non-teaching staff

The institution has adopted an appraisal system for non-teaching staff, similar to the performance based appraisal for teaching staff with modifications as per their work profile.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.3.2

Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 31.25

6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
18	21	3	26	32

File Description	Document
Policy document on providing financial support to teachers	View Document
Institutional data in the prescribed format	View Document
Copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.	View Document
Audited statement of account highlighting the financial support to teachers to attend conferences / workshop s and towards membership fee for professional bodies	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

6.3.3

Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Response: 50.18

6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
49	51	46	61	70

6.3.3.2 Number of non-teaching staff year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
53	38	50	44	47

File Description	Document
Refresher course/Faculty Orientation or other programmes as per UGC/AICTE stipulated periods, as participated by teachers year-wise.	View Document
Institutional data in the prescribed format	View Document
Copy of the certificates of the program attended by teachers.	View Document
Annual reports highlighting the programmes undertaken by the teachers	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

6.4 Financial Management and Resource Mobilization

6.4.1

Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

Mobilization of Funds Our institute is self financed institute so our institute totally runs on the tuition fees. The source of income is tuition fees received from students. Fees regulating authority of state government approves the tuition fees for each academic year.

Sources of funds are as follows:

1. Tuition Fees: Fees from students are charged as per the Fee Regulating Authority (FRA) norms. .
2. Govt. / Non Govt. / Other Grants: Some part of fees in terms of Scholarship is received from Government

The Institute is self financed and permanently unaided. Institute receives grant from University under QIP, NSS, SWO schemes to develop laboratories, assets and to conduct student development activities. Institute receives consultancy charges against third party audit, testing/analysis of samples from various organizations.

Grants and sponsorships from various organizations to conduct Seminars, National and International Conferences and other similar activities are also obtained.

Utilization of resources and funds At the end of the every Academic year, each department submits budget requirements for the next academic year to the institute. The departmental requirements are discussed by the Principal at HODs meeting and then sent to the management for approval. While

preparing the institutional budget, at first, a provision is made for salaries and allowances. Next, a provision is made for administrative and maintenance expenses such as electricity, water, telephone, postage etc. Then, while making provisions for the departments, priorities, needs and requirements of various committees and development / up-gradation of department is considered.

Budget is proposed by Principal in Governing Council and College Development Committee and is approved by them. To finalized departmental requirements like machinery/ equipments, quotations are invited and prepared comparative statement is forwarded to management for approval. Management consults with Principal and invites the party who quoted proper items with required specifications at lowest price. Orders are finalized with purchase order with terms and conditions including payment terms, delivery period, satisfactory installation, training to concerned faculty etc.

Internal audit- Account department prepares report of outstanding fees and liability report submit to concern authorities.

External Audit- Chartered Accountant (CA) is appointed as an external auditor by the Governing Body of the institution and CEO. CA performs an audit after every financial year. On the basis of the accounts prepared by the accounts department, auditor verifies it. CA rectifies and certifies the same with remarks, if any.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

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. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

As per the UGC guidelines, all higher educational institutions should establish an Internal Quality Assurance Cell (IQAC) as a quality provisions measure. IQAC becomes a part of the institution's system to develop a mechanism to build and ensure quality culture at institute level. Jaihind College of engineering, Kuran has defined Quality Policy approved by IQAC with effective participation from all the stakeholders. The SWOC analysis of the Institute is carried out based on important parameters like

admissions, placement, research, best practices and results of the institute. IQAC carries out activities that include all aspects of the Institute's functioning. It monitors and reviews the teaching learning process, learning outcomes regularly. The IQAC performs Improvement in quality of teaching learning with OBE Philosophy by adopting feedback mechanism from stake holders. IQAC provides inputs for Academic and Administrative Audit and analysis of results for improvement. The Annual Quality Assurance Report (AQAR), Self Study Reports of various accreditation bodies (NAAC, NIRF, ISO), Stakeholder feedback, AAA Audit, Action Taken Reports, and New Programmes in accordance with National Missions are all prepared, evaluated, and recommended by the Institute IQAC. IQAC meets four times in a year to review the Academic and Administration systems and their progress.

Various initiatives taken under IQAC are as follows:

1. Academic and Administrative Audit(AAA)
2. Perspective Plan and SWOC Analysis
3. Development of quality culture in the Institute
4. Teaching Learning Process
5. Strengthening of Feedback Mechanism and using it for Quality Improvement.
6. Promotion of Research Culture amongst Faculty
7. Recommendations to Organize/attended Seminar/ Webinars/ Conferences
8. Organization of Faculty Development Program and Staff Training Programmes
9. Industrial Tie-Ups
10. Student Induction Programme
11. Alumni Engagement
12. Extra Co-curricular Activities
13. Mentor-Mentee Scheme
14. Utilization of ICT Tools
15. Preparedness for NEP 2020
16. NIRF Ranking
17. Green Initiatives

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.5.2

Quality assurance initiatives of the institution include:

- 1. Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
- 2. Academic and Administrative Audit (AAA) and follow-up action taken**
- 3. Collaborative quality initiatives with other institution(s)**
- 4. Participation in NIRF and other recognized rankings**
- 5. Any other quality audit/accreditation recognized by state, national or international agencies**

such as NAAC, NBA etc.

Response: B. Any 3 of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	View Document
NIRF report, AAA report and details on follow up actions	View Document
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document
Link to Minute of IQAC meetings, hosted on HEI website	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.

Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words

Response:

The institute recognizes the importance of achieving gender equity and is actively undertaking various curricular and co-curricular initiatives to promote this cause and completes the gender audit. These initiatives include the celebration of International Women's Day and Savitribai Phule Jayanti, organizing awareness sessions for women's health, wellness, fitness, gender equity and conducting other awareness programs. Awareness campaigns on women's safety and gender equity through street plays, rallies by the NSS. Lady Doctors are invited for Health awareness activities for girl's students.

To ensure a safe and inclusive work environment, the institute has established an Internal Complaint Committee, Grievance Redressal Committees. This committee is responsible for addressing instances of sexual harassment, and gender based discrimination and fostering a healthy and secure environment for all stakeholders.

Furthermore, the institute strives for gender equity by including woman member in various policy-making committees. Female faculty members and girl students are also encouraged to participate in the different implementation committees.

The institute has fostered a culture of equity among students through the following efforts:

- Implementation of a instituted dress code for all students and staff.
- Provision of secure girls' hostels with 24/7 female wardens.
- Anti-ragging squads observe the campus activities to ensure the fearless atmosphere and visit hostel premises randomly.
- Equal participation: institute has established 'Equal Opportunity Cell' which monitors equal
- Participation of boys and girls and encourages them to participate in sports and other extracurricular activities. Equal participation of boys and girls in NSS, Cultural programmes and Sports is observed. Institute has Women's Kabbadi, Kho-Kho, Volleyball and Cricket teams.

Inviting experts to guide students through workshops and sessions focused on women's safety, their rights, including self-defense, cyber-crime awareness, and health and nutrition.

Displaying posters about ill effects of anti-ragging, sexual harassment is crime, the helpline numbers of Garmin Police Station Junnar at prominent locations throughout the campus.

Specific facilities provided in terms of Safety and security, Counseling, Common Rooms, etc.

Safety and Security:

For safety and security, guards are present in various locations in the campus.

Security checkpoints at entry and exit.

Extensive surveillance network, CCTV cameras in the campus

First-Aid Kits, Hostel Facility, Bus Facility

Institute provides vehicle for medical emergency.

Sanitary napkin Vending machine is provided for girls.

Adequate numbers of toilets are provided in the institute.

Institute has constituted various committees (Internal Complaint Committee, Grievance Redressal Committee, etc.) Security personnel at the entrance

Counseling: Institute provides counseling and mentoring to the students through:

Personal counseling, Career counseling Professional counseling

Counseling male and female students and staff for academic and other issues/problems

Counseling, Orientation Programs for Teachers and Students

Common Room:

Institute provides common room facility for ladies.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

7.1.2

The Institution has facilities and initiatives for

- 1. Alternate sources of energy and energy conservation measures**
- 2. Management of the various types of degradable and nondegradable waste**
- 3. Water conservation**
- 4. Green campus initiatives**
- 5. Disabled-friendly, barrier free environment**

Response: B. 3 of the above

File Description	Document
Policy document on the green campus/plastic free campus.	View Document
Geo-tagged photographs/videos of the facilities.	View Document
Circulars and report of activities for the implementation of the initiatives document	View Document
Bills for the purchase of equipment's for the facilities created under this metric	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

7.1.3

Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

- 1.Green audit / Environment audit**
- 2.Energy audit**
- 3.Clean and green campus initiatives**
- 4.Beyond the campus environmental promotion activities**

Response: C. Any 2 of the above

File Description	Document
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	View Document
Policy document on environment and energy usage Certificate from the auditing agency	View Document
Green audit/environmental audit report from recognized bodies	View Document
Certificates of the awards received from recognized agency (if any).	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

7.1.4

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance

and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

The institution demonstrates great delight and responsibility in promoting tolerance and harmony across various domains, including cultural, regional, linguistic, communal socio economic factors. The institute takes proactive measures both within and beyond the campus on an inclusive environment for all students and staff members.

The Institute has a well-established cultural team to maintain harmony among all the cultural, regional and linguistic activities by organizing various events. The institute shows approach towards all religious functions and encourages the students and employees to showcase the same.

Institute takes initiative to Show case hidden artistic talent amongst the students by organizing a Annual Cultural Gathering, Dahihandi, Ganesh Festival, Rangapanchimi etc. "Traditional Day" is also celebrated, during which students wear costumes representing various Indian traditions, emphasizing the message of "Unity in Diversity"

Institute also celebrates Marathi bhasha Din, Ekata din etc. Birth anniversary of Dr. S. Radhakrishnan 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 to aware their contribution in engineering.

Junnar is mainly known as historical tourist place. So our institute students visiting the Shivneri Fort which is birth place of Great King Chhatrapati Shivaji Maharaj for the cleaning, tree plantation, Garden development, Plastic collection activity and other activities, donation to flood camp area are addressing the tolerance and harmony towards communal socioeconomic.

The Institution organizes various activities for sensitization of the students and employees for inculcating values, rights, duties and responsibilities for being responsible citizens of India. Institute celebrates the birth anniversary of great Indian king Chatrapati Shivaji Maharaj, to recollect his scarification & dedication towards our nation. Institute celebrates the birth anniversary of Dr. B. R. Ambedkar to recollect the contributions made by him. Institute also celebrates the birth anniversary of great leaders like Savitribai Phule, Mahatma Gandhi etc. to make the students aware of their contribution to shaping the country. Institute celebrates Independence Day and Republic Day to educate next generation about the contribution of freedom fighter for development of our country.

Institute celebrates National Voter's Day to create awareness among students about different human rights, responsibilities of Indian citizen and national integration to protect fundamental rights, which will create an opportunity to live together in peace and prosperity. Institute has organized Voter's awareness campaign in nearby villages.

Institute organizes Swachata related campaigns to create awareness about cleanliness in and around the Campus though NSS. Institute organizes Plastic Free forest to maintain the cleanliness and plastic free forest in the Kuran village.

The Institute organizes blood donation camps to encourage students for contributing in to public health. The Institute also organizes various activities like tree plantation Drive, visit to Vrudhashram, Orphanage, environmental awareness campaign, Har Ghar Tiranga initiative, Azadi ka Mahostav, Meri Mati Mera desh, awareness campaign amongst farmers, etc. for sensitizing the students and employees about the obligations like values, rights, duties and responsibilities of citizens.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

7.2 Best Practices

7.2.1

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

Response:

Best Practice-I

1. Title of the Practices – Farmers Connect through Technology

2. Objective of the Practice

- To make a farmers aware about modern agricultural invention and motivate them to use it
- To minimize the efforts of farmer.
- To develop entrepreneurial skills in students.

3. The Context

Agricultural sector is a back bone of our Nation. Implementation of modern technology in agricultural sector is need of today's era. Most of the rural community students who are from agricultural family background are studying in our institute. Keeping local needs in mind, the institute has introduced best practice of agricultural projects. Institute organizes a conference to present student's agricultural projects and papers. Students make modification in their agricultural based project as per farmer's suggestions and need. Parents and Farmers from nearby areas are invited to see the working model of the projects

4. The Practice

Agricultural sector requires more man hours and extensive labour work. To fulfill need of the farmers by implementation of agricultural equipment at its best level.

Institute encourages student's involvement in agriculture sector to know-how the problems facing by the farmers.

Institute has signed the MOU with major manufactures and utilizers in agricultural equipment like Baliraja Agrotech, Otur, Shri Vaghnhar Sugar Factory, Dhalewadi and Krushivardhan Agrotech Pvt Ltd, Pandharpur for agricultural projects sponsorship.

Students had developed various working models which are benefitted to farmers. These projects reduced manpower requirement as well as man-hours in actual field. Few of these projects are self-explanatory about their working:

- Engine operated cycle weeder with multiple tools
- Combination of seeding, fertilizing and sprayer planter
- Design and development of onion harvester
- Design & Development of Crop Harvester
- Design & Development of Corn Sheller Machine
- Design & Fabrication of Sugar Cane Seeding Machine

5. Evidence of Success

- Around 30% self-motivated final year students in last five years involved in agricultural projects which are helpful for the community at satisfactory level. These students work placed role model for their successors.
- Agricultural Sponsored Project Company started production of “Engine operated cycle weeder with multiple tools” and “Combination of seeding, fertilizing and sprayer planter” as a new product in market which is created by students and it is also purchased by farmers for agricultural work.
- Baliraja Agrotech pvt ltd and Krushivardhan Agrotech pvt ltd manufactured and commercialized agricultural projects of our students like Engine operated cycle weeder with multiple tool and Combination of seeding, Fertilizing & Sprayer planter for low HP Tractor equipment.

6. Problem encountered and resources required

- Low awareness in agricultural project implementation.
- Requirement to develop work place to manufacture these projects.
- Huge funds requirement for projects.

Best Practice-II

1. Title of the Practice: Holistic Approach for overall Development of Students

2. Objective of the Practice

- To mentor, guide and support to students in educational development.
- To promote stress free and amiable atmosphere in institute.
- To update skills of respective coordinators for implementation of various a holistic approach.

2. The Context

To inline with the vision of the institute, our role is to build a society free from discrimination and deprivation by providing holistic support to students. In order to nurture youth with skills, through **Technical skills and Language Proficiency, Financial Support, Social-Emotional, Career Guidance, Physical and mental health**. Advanced Technical Trainings are conducted for the domain-specific core subjects for the students. In addition to this, institute helps students to improve academic performance. Institute also gives awareness about societal aspects through extension activities.

3. The Practice

A. Technical skills and Language Proficiency: Institute organizes various value added courses, seminars and Workshops, Expert Lectures, industrial visits and trainings, Training of Spoken English, Soft Skills Japanese Language, Experiential and Innovative Learning Practices for students.

B. Financial Support:

Earn and Learn: This scheme is basically under taken for the benefit of students.

Chairman Scholarship Scheme: Institute gives Chairman Scholarship with objective to encourage and provide equal opportunities for higher studies to needy students.

C. Social-Emotional:

- **Environmental Sustainability Activities** – Shivneri fort, a birth place of Chatrapati Shivaji Maharaj is located in Junnar tehsil which is a world-wide tourist place. To preserve and beautifying our heritage as a social commitment while they are studying.
- **Social Activities** - Students participated in activites like Police Mitra Abhiyan Junnar. Provide guidance about the great history of the Shivneri fort. Provide food to devotees goes from Shivneri to Raigad Fort and on Shivjayanti at Shivneri.
- **Awareness Programs-** Fort Conservation Campaign, fort visit to students, Durgwachan campaign, Cleaning Activities etc.
- **Social Connect** - Students participates in societal activities under NSS for the benefit of society.

D. Career Guidance- Institute organizes various career guidance programs for competitive exams like

GATE, MPSC, UPSC, IAS etc for students.

E. Physical and mental health

To promote relaxation as well as mindfulness and enhancing the cognitive performance of the students, Institute organizes Sports, Cultural and Yoga Activity, Marathon.

5. Evidence of Success

- A.** Best paper award in conference, Eppex-2020, first prize in national level competition.
Improvement in academic results.
- B.** 142 students took benefit of earn and learn scheme. Many students got benefit of chairman scholarship.
- C.** Institute has received awards/ recognition/ appreciation letters from various governments and government recognized bodies for organizing various campaigns.
- D.** Students are benefitted by guidance on competitive examinations and career counseling programs.
- E.** Students have received awards/medals for their outstanding performance sports/cultural activities at national/international level.

6. Problems Encountered and Resources Required

Additional Classes required conducting for slow learners

Institute working time and academic time table did not permit to work.

In academic calendar of university there is no such provision to conduct Social extracurricular activity.

In the institute academic calendar extra time slots to be added.

Availability of resource persons and their expert members in rural area.

As per the university academic calendar there is no such provision to conduct Physical and mental health activity.

In academic calendar institute added extra time slots to conduct Physical and Sport activities.

File Description	Document
Best practices as hosted on the Institutional website	View Document
Any other relevant information	View Document

7.3 Institutional Distinctiveness

7.3.1

Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

Jaihind Educational Support Program

Overview:

Jaihind Comprehensive Educational Institute (JCEI) has taken initiative with regard to promotion of higher education in the rural area. JCEI understands that a large number of deserving students who have an urge to pursue their higher education are unable to do so owing to mainly financial constraints. As per our vision JCEI has decided to launch “**Jaihind Educational Support Program**”. Under this program JCEI has implemented “**Chairman Scholarship Scheme** and **Private Scholarship Scheme**” for financially weaker and needy students. The main objectives of this scheme are

1. To encourage and provide equal opportunities for higher studies in rural area.
2. To increase the gender equality in education of rural area.
3. To focus more on professional education in rural area.
4. To provide financial assistant for needy students.

Before launching the scheme the institute undertook wide ranging consultations with internal college committee members.

A) Chairman Scholarship

Scope

It is envisaged to provide budget of Rs.Ten Lakh only (Rs.10.00 Lakh) for Chairman Scholarships every year for all engineering students (First Year to Final Year) study in Jaihind College of Engineering.

Eligibility

1. Only Jaihind College of Engineering students from First Year to Final Year.
2. Students whose parent's income is below Rs.3 lakhs per annum.

Exclusions

The following shall not be eligible under this scheme

1. Students pursuing courses/programs through other colleges.
2. Students who are getting 100% scholarship from Government Scholarship Scheme.

Procedure for applying for the scheme

1. The applications, in the prescribed form, are invited through offline mode at the beginning of academic year along with necessary documents.
2. A short notice will also circulate inside the institute.
3. Candidates have to apply strictly as per instruction given in Notice.

Selection Process of Students

1. Applications are invited at the beginning of academic year.
2. Applications are submitted to the head of department. Head of the department forward all applications to scrutiny committee through principal.
3. The beneficiary will be selected on the basis of selection criteria and personal interview with students regarding total family income, father occupational details, number of family members and agricultural land.
4. List of students eligible for scheme is displayed on notice board.

Duration of Scholarship

1. The scholarship granted under the scheme is only current academic year.

Beneficiary Students Details:

Number of students benefited in last five years is summarized below:

Sr. No.	Academic Year	Number of Benefited Students	Scholarship Amount Given (Rs.)
1	2018-19	136	7,80,725/-
2	2019-20	25	4,39,464/-
3	2020-21	68	8,07,634/-
4	2021-22	191	9,49,002/-
5	2022-23	105	9,12,961/-
Total		525	38,89,786/-

B) Private Scholarship Scheme

Under this scholarship scheme, financial support/ assistance is provided to needy students by NGO's and private organizations. The following organization's support to the needy students

1. India Bulls Foundation
2. Shantilal Surat wala Foundation
3. Leela Punawala Foundation

4. Cummins Scholarship
5. Manikchand Dhariwal Foundation
6. Siddhivinayak Trust Mumbai
7. SR Jindal Foundation
8. Mukul Foundation
9. Sundar Seva Sabha, Ulhasnagar

For applying above scholarship schemes institutes provides supports to the students by:

1. Making awareness about scholarship schemes.
2. Display the notices on notice board and Social Media Channels.
3. Assist the students to fill-up Scholarship Application Forms and resolved the Scrutiny grievances, if any.
4. Taking continues follow up for sanctioning the scholarship from authorities of respective organizations.

Beneficiary Students Details:

Number of students benefited is summarized below:

Sr. No.	Organization Name	Academic Year	Number of Benefited Students
1	Leela Punawala Foundation	2022-23	11
2	India Bulls Foundation		318
3	Mukul Foundation		08
4	Sundar Seva Sabha		10
5	SR Jindal Foundation		48
6	Leela Punawala Foundation	2021-22	02

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

5. CONCLUSION

Additional Information :

- One of the renowned educational institutions in rural area of North Pune District.
- Education from Nursery to Doctorate level in one campus.
- Contributed in change in living standard of rural families by providing higher and technical education at their door step.
- Institute has provided transport facility to the students within perimeter of 50 kms which helps students to reach easily to the Institute.
- Institute provides financial support to economically backward and needy students to pursue their education.
- For holistic development of the students various activities are organized by the institution.
- Institute encourages faculty members to improve and update their qualification and knowledge.
- Institute allows to use infrastructure to various governmental departments to conduct their programs, exams, trainings etc.
- Institute provides infrastructure and manpower for conduction of various examination for recruitment and entrance examination conducted by National Testing Agency, New Delhi and CET Cell Maharashtra.

Concluding Remarks :

- Jaihind College of Engineering (JCOE) is established in 2010 by a trust namely “Jaihind Comprehensive Educational Institute” with an aim to provide quality technical education to students from rural area.
- Institute has excellent infrastructure facilities, considering growing demands of manpower requirements in terms of emerging areas of engineering domain, full fledge library with DELNET and K-Hub subscription. Huge space is available for academic, extra and co-curricular activities, administrative and amenities purposes.
- The Institute is located in a rural region. Student assistance is crucial since most students are from rural and low income families. Government and non-governmental scholarships are awarded to about more than 90% of students and the institute guarantees that all eligible and needy students get financial support/assistance.
- Student-centric learning methods are adopted through well-crafted teaching pedagogy enabled with blended mode of teaching-learning-evaluation using ICT tools.
- Institute’s Research & Consultancy Policy gives direction and motivation to all and implementation of various research facilities and activities. Institute provides assistance to prepare for civil service examinations.
- Institution incorporates cross-cutting issues related to Ethics, Gender, Human Values, Environment and Sustainability.
- All the activities of the institution are well planned through detailed deliberations at various levels inclusive of all stake holders.
- Institution provides platform to students to showcase their potentials, implement students-led initiatives, and participate in academic and administrative committees.
- Experiential, participatory, and problem-solving strategies are employed to improve student learning with ICT resources.

- Institution strives in its whole capacity to impart and maintain quality education.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.2.1	<p>Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)</p> <p>Answer before DVV Verification :</p> <p>Answer After DVV Verification :48</p> <p>Remark : DVV has made changes as per the report shared by HEI.</p>																				
1.2.2	<p><i>Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years</i></p> <p>1.2.2.1. Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>962</td> <td>1018</td> <td>431</td> <td>305</td> <td>693</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>965</td> <td>1087</td> <td>439</td> <td>308</td> <td>708</td> </tr> </tbody> </table> <p>Remark : DVV has made changes as per the report shared by HEI.</p>	2022-23	2021-22	2020-21	2019-20	2018-19	962	1018	431	305	693	2022-23	2021-22	2020-21	2019-20	2018-19	965	1087	439	308	708
2022-23	2021-22	2020-21	2019-20	2018-19																	
962	1018	431	305	693																	
2022-23	2021-22	2020-21	2019-20	2018-19																	
965	1087	439	308	708																	
1.4.1	<p><i>Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website</i></p> <p>Answer before DVV Verification : A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website</p> <p>Answer After DVV Verification: C. Feedback collected and analysed</p> <p>Remark : DVV has made changes as per the report shared by HEI.</p>																				
2.1.1	<p>Enrolment percentage</p> <p>2.1.1.1. Number of seats filled year wise during last five years (Only first year admissions to be considered)</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	2022-23	2021-22	2020-21	2019-20	2018-19															
2022-23	2021-22	2020-21	2019-20	2018-19																	

265	179	89	67	115
-----	-----	----	----	-----

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
106	75	36	25	37

2.1.1.2. Number of sanctioned seats year wise during last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
348	318	318	348	348

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
348	318	318	348	348

Remark : DVV has made changes as per the report shared by HEI.

2.1.2 Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

2.1.2.1. Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
127	75	34	37	37

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
127	75	34	25	37

2.1.2.2. Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
174	161	164	208	147

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
174	161	164	208	147

Remark : DVV has made changes as per the report shared by HEI.

2.6.3 Pass percentage of Students during last five years (excluding backlog students)

2.6.3.1. Number of final year students who passed the university examination year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
170	261	303	271	249

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
172	274	299	272	248

2.6.3.2. Number of final year students who appeared for the university examination year-wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
228	279	305	275	303

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
228	279	305	275	303

Remark : DVV has made changes as per the report shared by HEI.

3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

3.3.1.1. Number of research papers in the Journals notified on UGC CARE list year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
58	35	20	12	84

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
15	06	08	02	73

Remark : DVV has made changes as per the report shared by HEI.

3.3.2	<p>Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years</p> <p>3.3.2.1. Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="306 389 1046 524"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>59</td> <td>04</td> <td>49</td> <td>20</td> <td>67</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="306 602 1046 736"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>44</td> <td>3</td> <td>31</td> <td>16</td> <td>51</td> </tr> </tbody> </table> <p>Remark : DVV has made changes as per the report shared by HEI.</p>	2022-23	2021-22	2020-21	2019-20	2018-19	59	04	49	20	67	2022-23	2021-22	2020-21	2019-20	2018-19	44	3	31	16	51
2022-23	2021-22	2020-21	2019-20	2018-19																	
59	04	49	20	67																	
2022-23	2021-22	2020-21	2019-20	2018-19																	
44	3	31	16	51																	
3.5.1	<p>Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.</p> <p>Answer before DVV Verification :</p> <p>Answer After DVV Verification :45</p> <p>Remark : DVV has made changes as per the report shared by HEI.</p>																				
4.4.1	<p>Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)</p> <p>4.4.1.1. Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="306 1453 1046 1588"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>201.03</td> <td>189.56</td> <td>101.16</td> <td>207.69</td> <td>189.86</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="306 1666 1046 1800"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>167.9</td> <td>137.8</td> <td>69.65</td> <td>119.2</td> <td>141.3</td> </tr> </tbody> </table> <p>Remark : DVV has made changes as per the report shared by HEI.</p>	2022-23	2021-22	2020-21	2019-20	2018-19	201.03	189.56	101.16	207.69	189.86	2022-23	2021-22	2020-21	2019-20	2018-19	167.9	137.8	69.65	119.2	141.3
2022-23	2021-22	2020-21	2019-20	2018-19																	
201.03	189.56	101.16	207.69	189.86																	
2022-23	2021-22	2020-21	2019-20	2018-19																	
167.9	137.8	69.65	119.2	141.3																	
5.1.1	<p>Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years</p>																				

5.1.1.1. Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
1075	843	724	677	779

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
679	719	578	479	654

Remark : DVV has made changes as per the report shared by HEI.

5.2.1 Percentage of placement of outgoing students and students progressing to higher education during the last five years

5.2.1.1. Number of outgoing students placed and / or progressed to higher education year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
108	127	120	103	125

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
79	101	89	72	101

5.2.1.2. Number of outgoing students year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
249	271	303	261	170

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
249	271	303	261	170

Remark : DVV has made changes as per the report shared by HEI.

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 last five years

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
02	01	00	06	12

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
1	01	00	03	07

Remark : DVV has made changes as per the report shared by HEI.

6.3.2 Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

6.3.2.1. Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
20	30	05	42	47

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
18	21	3	26	32

Remark : DVV has made changes as per the report shared by HEI.

6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

6.3.3.1. Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
65	69	64	79	86

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
49	51	46	61	70

6.3.3.2. Number of non-teaching staff year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
51	40	37	38	37

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
53	38	50	44	47

Remark : DVV has made changes as per the report shared by HEI.

6.5.2

Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
2. **Academic and Administrative Audit (AAA) and follow-up action taken**
3. **Collaborative quality initiatives with other institution(s)**
4. **Participation in NIRF and other recognized rankings**
5. **Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.**

Answer before DVV Verification : A. Any 4 or more of the above

Answer After DVV Verification: B. Any 3 of the above

Remark : DVV has made changes as per the report shared by HEI.

7.1.2

The Institution has facilities and initiatives for

1. **Alternate sources of energy and energy conservation measures**
2. **Management of the various types of degradable and nondegradable waste**
3. **Water conservation**
4. **Green campus initiatives**
5. **Disabled-friendly, barrier free environment**

Answer before DVV Verification : A. 4 or All of the above

Answer After DVV Verification: B. 3 of the above

Remark : DVV has made changes as per the report shared by HEI.

7.1.3

Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

1. **Green audit / Environment audit**
2. **Energy audit**

- 3. **Clean and green campus initiatives**
- 4. **Beyond the campus environmental promotion activities**

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: C. Any 2 of the above

Remark : DVV has made changes as per the report shared by HEI.

2.Extended Profile Deviations

Extended Profile Deviations
No Deviations