SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

JCEI'S JAIHIND COLLEGE OF ENGINEERING,KURAN

G.NO. 441, KURAN, TAL. JUNNAR, DIST. PUNE
410511
www.jaihind.edu.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

October 2017

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Before 20 years back from today students from Junnar, Ambegaon & Khed Tahasil were facing problems to take admissions in Technical area because of less number of seats were available in polytechnic & engineering colleges with unaffordable tuition fees. Most of the students belongs to average earning families, who may not be able to afford the expenses of education even in nearby cities. The basic cause of all these noticed by Hob'ble Shri. Tatyasaheb Gunjal, a renowned Farmer, Social Worker and a great visionary. To overcome this, he has established the Jaihind Comprehensive Educational Institute in 1996 to provide education to the pupils of the poor farmers from remote and rural area, which boosted socio economic progress of the rural people. Under the umbrella of JCEI, Jaihind Polytechnic was started in 1997 and Jaihind College of Engineering was started in 2010 at Kuran, Tal-Junnar (Pune). This institute is located in rural area at about 70 km from Pune and 200 km from Mumbai. The institute provides a distinctive excellent driven engineering education that is groomming next generation of engineers. To ensure the quality of education, Institute has gone through the ISO standards for 9001:2015 QMS and 14001:2004 EMS. Students have achieved their goal in career and higher education after completion of the course from this institute. Presently institute offers admissions in under graduate and post graduate courses with annual 300 and 48 intake respectively.

Vision

VISION:

Contribute to Socio-Economic Development of the Nation by Imparting "High Quality Technical Education" to the Students of Rural Background in the Country.

Mission

MISSION:

"Realize the Dream of Building a Great Nation through Development of Rural Students in a Healthy Environment of Highly Qualified Faculties and Boosting up their Technical Skills by providing Excellent Knowledge of Engineering Fundamentals and The Best Education in the Country."

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Sprawling campus spread over 10 acres with calm and pleasant environment ample green and

non- polluting ambiance.
- ISO 9001:2015 QMS and ISO 14001:2004 EMS Certified Institute. Adequate infrastructure facilities as per the AICTE guidelines. Excellent Teaching Learning environment.
- Hi Speed Internet connectivity with 80 Mbps leased line and Wi-Fi campus.
- College has consistently good academic results from which some students are university rankers
- The institute is well connected through the roads from Junnar and Narayangaon. The institute has provided separate hostel facility for boys and girls at very affordable fees. For nearby students, Institute provides the bus facility from different remote locations.

Institutional Weakness

- Due to located in remote area, most of the admitted students are from Marathi medium.
- Industry-institute interaction needs to be improved.
- Placement of students through the institute needs to be improved. Inadequate number of senior and doctoral faculties.
- College needs to be strengthening the alumni association.

Institutional Opportunity

- Collaboration with leading research institutions and industries for research projects.
- Enhancing industry-institute interaction.
- Encouraging faculty for upgrading their qualification.
- Encouraging students for entrepreneurship.
- Encouraging students for reseach and innovative projects.

Institutional Challenge

- It is difficult to convey the parents to take admission because changing trends in market.
- Students skills need to improved as per the changing the technology of Industry. Increasing the number of placement to the slow learner students.
- Enhancing soft skills to the students from rural background.
- Admitted students in the Institute are having medium or lower merit. It is great challenge to improve their overall performance.
- The institute has to attract meritorious students as they can become milestones or inspiration to the lower merit students.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

JCEI's Jaihind College of Engineering is affiliated to Savitribai Phule Pune University, Pune. The institute is a self managed and permanently unaided institute and follows the curriculum provided by SPPU. For effectively implementation of curriculum, faculties of the institute actively attend the seminars/workshops on curriculum design/syllabus revision conducted by the SPPU.   Academic flexibility and bridging the gap between

curriculum and industry is achieved by conducting workshops, training programs, seminars, certificate courses, virtual class room sessions for competitive exams like GATE, industrial visits, MoU's with industries. By conducting entrepreneurship programs the students are encouraged for self-employability. For social awareness and community services, NSS (National Service Schemes) activities are arranged. The college has implemented personality development of girls under Board of Student Development of SPPU. For slow learners extra coaching classes are arranged.   Institute takes feedback from stakeholders to enrich the curriculum.

Teaching-learning and Evaluation

The excellence in teaching and learning is achieved by recruiting good faculty. The admissions are carried out as per the state government procedure. In order to conduct smooth academic planning, academic calendar is prepared before commencement of the semester. Monthly syllabus completion status is maintained and monitored by HOD. Class tests are conducted on regular basis to ensure students grasping the concepts being delivered in the classroom. The institution assesses the learning levels of the students, after admission and organizes special programs for advanced learners and slow learners. A feedback mechanism is used to evaluate teaching learning process.

Research, Innovations and Extension

The institute promotes a research culture by allocating resources on regular basis. Faculties are encouraged to participate in various workshops and conferences. The institute organizes various guest lectures, seminars, workshops, conferences to motivate students and faculty for innovation. Numbers of research publications have been made by the faculty in reputed national and international journals during the last five years. The Institute also supports research projects by providing the financial assistance to the students as per the requirement of project wherever it is necessary. The Institute has signed MoU's with industries and other agencies for promoting training, research and extension activities in technical education. Students are also participating inter-institutional projects going on at College of Engineering, Pune (Autonomous Institute).

Infrastructure and Learning Resources

The basic infrastructure required for teaching–learning is available in all departments and it is in line with the norms of AICTE. Institute has well equipped infrastructure to impart quality education. The institute has sufficient number of classrooms, laboratories , seminar hall , virtual classroom , faculty room, conference room, library with reading room , centralized stationary store, reprographic center , administrative office, Hostel ,canteen in the campus. Seminar hall is equipped with LCD projectors and audio system. The institute has parking facility, Gymnasium, indoor and outdoor playground. The institute has ATM facility and letter box facility in the campus, CCTV facility is available at important locations of the building.

All the computer systems available are with latest configuration with essential licensed software installed. 80 Mbps dedicated Internet Leased Line Connectivity and Wi-Fi facility is available in all departments. This internet facility is provided to all departmental students, faculties and laboratories

Student Support and Progression

Institute provides all the welfare measures such as scholarships, free ships and student safety insurance scheme to ensure a financially trouble free environment. Institute provides information about the competitive examinations and offers career counseling, soft skills training, and entrepreneurial skills to enhance the employable opportunity of the students. Institute has anti ragging cell, grievance readdressal cell, internal complaint cell, student council, reservation category cell to address the grievances. The training and placement cell of the institute provides carrier guidance and organizes campus recruitment drives for the students. In order to cater the needs of students a mentor model is followed in the institute. The institute arranges special coaching for preparing students for campus interview and competitive examinations. Participation in several cultural events, Avishkar, social activities, NSS, blood donation camp, Swachh Bharat Abhiyan inspires social responsibility amongst the students.

Governance, Leadership and Management

The institute is governed by the Board of Trustees of Jaihind College of Engineering was established by Jaihind Comprehensive Educational Institute (JCEI). The management firmly believes on decentralized mechanism. Faculty members are actively involved in decision making process. The Management held meetings with Principal of the Institute at each month to review and discuss development of institute regularly.

Head of Institute has constituted the various committees as per the guidelines provided by AICTE, State Government as well as University. These committees' works with their full efficiency for the progress and development for smooth conduct of the Institute.

Students are also encouraged to actively participate in various committees to improve their hidden qualities.

Institutional Values and Best Practices

The Institute has certified with ISO 9001:14001 EMS to maintain standards of a green campus which helps in developing an eco-balanced environment. The College ensures environmental consciousness in the minds of the students by conducting environmental awareness programs time to time. The institute organizes tree plantation to adopt green environment. The Institute has certified with ISO 9001:14001 QMS to enhance the quality. The institute's best practice is to expose the students to the practical exposure with theory by organizing industrial visits, motivating students for internship, sponsor projects and guest lectures by inviting resource persons from the industry. The institute has strong academic for the students through which few of them held university rank. The institute arranges remedial classes for the students who are taking admissions after diploma engineering course and also for backlog students. The institute held parent-teacher meeting time to time and takes the feedback from the parents to improve the institute for student development. The institute conducted energy audit through Prathmesh Energy Solutions which is certified by Maharashtra Energy Development Corporation and recommendations are partially implemented to save energy. Hostel is equipped with roof top solar water heater with a capacity of 3000 liters. The institute is in the process to implement roof top solar panel of capacity 10kW under QIP SPPU.

The college organizes annual social gathering 'SPANDAN', publishes annual magazine 'HORIZON' awarded by University as Best Magazine for two years, National Level Conference 'JCON', State level competition 'SPARX' for the overall development of students.

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

Contacts for Communication					
Designation	**Name**	**Telephone with STD Code**	**Mobile**	**Fax**	**Email**
Principal(in-charge)	DHEDE VAISHALI MANGESH	02132-242027	9960662727	-	jcoekuran@gmail.com
IQAC Coordinator	GUNJAL SHUBHANGI DHARMENDRA	02132-242427	9860032927	-	shubhangi.gunjal83@gmail.com

Status of the Institution	
Institution Status	Private

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details

Date of establishment of the college	13-07-2010

University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State	University name	Document
Maharashtra	Savitribai Phule Pune University	View Document

Details of UGC recognition

Under Section	Date
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	02-05-2017	12	Yearly extension of approval by AICTE

Details of autonomy

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No

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/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BE,Civil Engineering	48	HSC SCIENCE OR DIPLOMA IN ENGINEERING	English	60	12
UG	BE,Computer Engineering	48	HSC SCIENCE DIPLOMA IN ENGINEERING	English	60	23
UG	BE,Electronics And Telecommunication Engineering	48	HSC SCIENCE OR DIPLOMA IN ENGINEERING	English	60	5
UG	BE,Mechanical Engineering	48	HSC SCIENCE OR DIPLOMA IN ENGINEERING	English	120	24
PG	ME,Electronics And Telecommunication Engineering	24	B.E. OR B.TECH WITH GATE SCORE	English	24	1
PG	ME,Mechanical Engineering	24	B.E. OR B.TECH. WITH GATE SCORE	English	24	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				13				25				76
Recruited	0	0	0	0	0	0	0	0	22	5	0	27
Yet to Recruit				13				25				49
Sanctioned by the Management/Society or Other Authorized Bodies				0				0				42
Recruited	0	0	0	0	0	0	0	0	29	13	0	42
Yet to Recruit				0				0				0

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				1
Recruited	0	0	0	0
Yet to Recruit				1
Sanctioned by the Management/Society or Other Authorized Bodies				38
Recruited	28	10	0	38
Yet to Recruit				0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				1
Recruited	0	0	0	0
Yet to Recruit				1
Sanctioned by the Management/Society or Other Authorized Bodies				15
Recruited	13	2	0	15
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	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	22	5	0	27

Temporary Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	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	22	9	0	31

Part Time Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	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

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	**Male**	**Female**	**Others**	**Total**
	5	1	0	6

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
PG	Male	2	0	0	0	2
	Female	2	0	0	0	2
	Others	0	0	0	0	0
UG	Male	648	2	0	0	650
	Female	308	0	0	0	308
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		**Year 1**	**Year 2**	**Year 3**	**Year 4**
SC	Male	26	35	31	13
	Female	5	9	8	7
	Others	0	0	0	0
ST	Male	17	12	17	8
	Female	2	7	7	7
	Others	0	0	0	0
OBC	Male	289	345	350	222
	Female	82	98	102	87
	Others	0	0	0	0
General	Male	578	687	753	491
	Female	232	298	358	280
	Others	0	0	0	0
Others	Male	29	31	35	22
	Female	6	12	12	18
	Others	0	0	0	0
Total		1266	1534	1673	1155

3. Extended Profile

3.1 Programme

Number of courses offered by the institution across all programs during last five years

Response : 7

Number of self-financed Programmes offered by college

Response : 7

Number of new programmes introduced in the college during last five years

Response : 3

3.2 Student

Number of students year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1155	1673	1534	1266	802

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

2016-17	2015-16	2014-15	2013-14	2012-13
809	876	848	811	684

Number of outgoing / final year students year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
386	430	257	118	1

Total number of outgoing / final year students

Response : 1191

3.3 Academic

Number of teachers year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
96	92	86	80	52

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

2016-17	2015-16	2014-15	2013-14	2012-13
96	92	86	80	52

Number of sanctioned posts year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
123	123	123	105	64

Total experience of full-time teachers

Response : 687

Number of teachers recognized as guides during last five years

Response : 4

Number of full time teachers worked in the institution during the last 5 years

Response : 173

3.4 Institution

Total number of classrooms and seminar halls

Response : 31

Total Expenditure excluding salary year wise during last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
250.47	416.49	443.06	460.43	328.53

 Number of computers

Response : 390

Unit cost of education including the salary component(INR in Lakhs)

Response : 0.61

Unit cost of education excluding the salary component(INR in Lakhs)

Response : 0.32

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

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

Response:

- **Development of Action Plan:**

1. Curriculum and Academic calendar are designed and provided by the SPPU at the beginning of each semester/year.
2. Before commencement of each semester, the Principal of the college conducts meeting with the heads of all department to plan and communicate academic calendar. Institute prepares academic calendar in accordance with the SPPU academic calendar which contains guest lectures, mentor meeting, holidays, probable class test schedule, total number of working days, tentative PR/OR, theory, SPPU exam schedules. A specimen copy of academic calendar is shown here.
3. For effective implementation of the curriculum, the Head of each Department calls the meeting with faculty members to impart the effective curriculum through innovative teaching methods, guest lectures, Industrial visits, workshop, besides the regular/traditional chalk and talk methods.
4. 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 before advance. Teaching plan and Lab./Practical plan is prepared as per the academic calendar, with the approval of HOD by subject teacher before commencement of the semester. 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.
5. Faculty prepares course file which contains the following information : Index, Personal time table, SPPU Syllabus, Teaching notes, assignments, PPT/ Presentations, Class test question papers.

- **Implementation of Action Plan**

1. After preparation of course file, Time table, as per academic calendar lectures are conducted by respective department.
2. Review of syllabus is done by conducting meeting Principal with HOD, HOD with faculty periodically.

The attendance and assessment record book is monitored by HOD and Dean academic after the completion of every month and submitted to the Principal at the end of every semester. Monthly class attendance is displayed and conveyed to the students as well as parents. Feedbacks are taken from students, parents, employees and alumni and conveyed to the concerned authority for necessary action.

File Description	Document
additional information	[View Document](#)
Link for Additional Information	[View Document](#)

1.1.2 Number of certificate/diploma program introduced during the last five years

Response: 113

1.1.2.1 **Number of certificate/diploma programs introduced year wise during the last five years**

2016-17	2015-16	2014-15	2013-14	2012-13
41	38	17	10	07

File Description	Document
Details of the certificate/Diploma programs	[View Document](#)
Any additional information	[View Document](#)

1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years

Response: 9.39

1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
21	17	4	0	1

File Description	Document
Any additional information	[View Document](#)
Details of participation of teachers in various bodies	[View Document](#)

1.2 Academic Flexibility

1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years

Response: 57.14

1.2.1.1 How many new courses are introduced within the last five years

Response: 4

File Description	Document
Details of the new courses introduced	[View Document](#)
Minutes of relevant Academic Council/BOS meetings.	[View Document](#)
Any additional information	[View Document](#)

1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented

Response: 100

1.2.2.1 Number of programs in which CBCS/ Elective course system implemented.

Response: 6

File Description	Document
Name of the programs in which CBCS is implemented	[View Document](#)
Minutes of relevant Academic Council/BOS meetings.	[View Document](#)
Any additional information	[View Document](#)

1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years

Response: 41.75

1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1000	743	688	131	181

File Description	Document
Details of the students enrolled in Subjects related to certificate/Diploma/Add-on programs	[View Document](#)
Any additional information	[View Document](#)

1.3 Curriculum Enrichment

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

Response:

The Institute is located in rural area. Institute organizes various value added courses and activities which are not directly related to one's discipline of study but contribute to sensitizing students to cross-cutting issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum.

- **Gender**: The college regularly organizes seminars on women empowerment where experts are invited to share and deliver their experiences. The college has implemented personality development of girls under SWO-SPPU. The college has started Women's grievance redressal Cell which meets periodically to address problems of students/ staff. The college organizes various programs under the National Service Scheme (NSS) so as to sensitive students about gender equality.
- **Environment and Sustainability**: Institute is certified by ISO 14001:2004 EMS for green initiatives. Institute has conducted the energy audit through the agency to identify the carbon emission and implementing the recommendation given in report. Institute has proposed to install 10 KW roof-top solar PV panel to opt renewable energy source. The Institute organizes tree plantation programs regularly in campus and locality.
- **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.

File Description	Document
Any Additional Inormation	[View Document](#)
Link for Additional Information	[View Document](#)

1.3.2 Number of valued added courses imparting transferable and life skills offered during the last five years

Response: 32

1.3.2.1 Number of value-added courses imparting transferable and life skills offered during last five years

Response: 32

File Description	Document
Details of the value-added courses imparting transferable and life skills	View Document
Brochure or any other document relating to value added courses.	View Document
Any additional information	View Document

1.3.3 Percentage of students undertaking field projects / internships

Response: 26.18

1.3.3.1 Number of students undertaking field projects or internships

Response: 249

File Description	Document
Institutional data in prescribed format	View Document
List of students enrolled	View Document
Any additional information	View Document

1.4 Feedback System

1.4.1 Structured feedback on curriculum obtained from 1) Students 2) Teachers 3) Employers 4) Alumni 5) Parents For design and review of syllabus semester wise/ year wise
A.Any 4 of the above

B.Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: A.Any 4 of the above

File Description	Document
Action taken report of the Institution on feedback report as minuted by the Governing Council, Syndicate, Board of Management	[View Document](#)
Any additional information	[View Document](#)
URL for stakeholder feedback report	[View Document](#)

1.4.2 Feedback processes of the institution may be classified as follows:
A. Feedback collected, analysed and action taken and feedback available on website

B. Feedback collected, analysed and action has been taken

C. Feedback collected and analysed

D. Feedback collected

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
Any additional information	[View Document](#)
URL for feedback report	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrolment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Response: 0.35

2.1.1.1 Number of students from other states and countries year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1	12	2	4	4

File Description	Document
List of students (other states and countries)	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

2.1.2 Average Enrolment percentage (Average of last five years)

Response: 58.24

2.1.2.1 Number of students admitted year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
297	448	552	558	475

2.1.2.2 Number of sanctioned seats year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
809	876	848	811	684

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

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Response: 18.44

2.1.3.1 Number of actual students admitted from the reserved categories year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
89	113	192	189	153

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

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

Response:

Advanced Learners-

- Students are encouraged to participate in paper and poster presentation, project exhibition held at state and national levels.
- Students are being provided financial support for their project in various competitions. Students are encouraged to undertake industry sponsored project and mini project on advanced topics.
- Students are encouraged to undergo internship program in industry during vacations. Students are motivated to participate in different project competitions like Avishkar, SAE etc.
- Institute also organizes value added courses & training programs for the students. Also they were awarded for various programs. Students are motivated to participate in various activities like Go-cart, Avishkar, etc.
- Advanced learners are advised to undertake GATE, MPSC exam and are guided for higher studies.
- Institute organizes expert lectures / guest lecturers on recent trends in engineering & live projects.
- Institute organizes every year national conference, project competition, SPARX & Science exhibition to motivate students in research.
- Institute Felicitates University rankers as well as college rankers and toppers in University Examination every year.

Slow Learners

- Institute indentifies students at risk of year down. HOD conducts meeting regularly with class teachers to indentify these students.

- Institute prepares the list of defaulters at end of month; communicate to parents by sending letters.
- Following actions are taken by institute:
- Extra lectures are arranged for difficult subjects.
- Motivate them to learn through online course like NPTEL.
- HOD, Faculty, Mentor council students as well as parents for improvement.
- Some topics taught separated.
- Backlog cell is started for special guidance to backlog students.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

2.2.2 Student - Full time teacher ratio

Response: 13.78

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

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 0.32

2.2.3.1 Number of differently abled students on rolls

Response: 3

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any other document submitted by the Institution to a Government agency giving this information	[View Document](#)
List of students(differently abled)	[View Document](#)

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

Response:

Experimental Learning Methods

- Experimental learning tutorials are conducted which includes proactive teaching learning methods.
- Multimedia teaching methods like animated videos, demo videos, ppts are incorporated in the day to day teaching process enhance students undertaking of the subjects.
- Expert lectures, seminars, workshops, paper presentation and industrial visits are arranged for students in every semester to give hands on experience to students.
- Wi-Fi facility is available in the campus to allow students to access technical resources.
- College Central Library is well equipped with technical magazines, journals and NPTEL lectures videos.

Participative learning-

- Students are encouraged for participative learning
- Institute collegiate events are organized to bring out the potential of the students.
- Faculty and students are motivated to participate in different technical paper presentation, conferences and workshops.
- Students are encouraged and guided to undertake industry sponsored project.
- Institute organizes various technical competitions such as paper presentation, project competition, and science exhibition.
- Real time, society based and industry sponsored projects are allocated to students.

Problem solving   Methodology

- Soft skill trainings are organized periodically where expert guides the students regarding presentation & communication skills.
- Institute has appointed consultant for imparting soft skill to the students.
- A mentor is assigned for every 15-20 student.
- The institute promotes social awareness in the students through different activities like NSS.
- Expert taughts on personality development are organized periodically for the students.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

2.3.2 Average percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Response: 100

2.3.2.1 Number of teachers using ICT

Response: 69

File Description	Document
List of teachers (using ICT for teaching)	[View Document](#)
Any additional information	[View Document](#)
Provide link for webpage describing the " LMS/ Academic management system"	[View Document](#)

2.3.3 Ratio of students to mentor for academic and stress related issues

Response: 19.81

2.3.3.1 Number of mentors

Response: 48

File Description	Document
Year wise list of number of students, full time teachers and students to mentor ratio	[View Document](#)
Any additional information	[View Document](#)

2.3.4 Innovation and creativity in teaching-learning

Response:

- Institute organizes state and national level workshops, conferences and seminars.
- Institute always gives support to participate in different project competition like Avishkar, Techfest.
- Institute organizes every year national conference, project competition, science exhibition, various competitions.
- Faculty encourages the student to participate in different technical paper writing and poster competitions
- Students are encouraged and guided to undertake industry sponsored projects.
- Entrepreneur skill development activities are organized by college.
- Students are motivated through various activities of departmental association like EESA, MESA, CESA, ACES etc.
- Faculty members make use of software like MATLAB, LAB-View, MULTISIM, KEIL, CATIA, ANSYS, Multimedia, Wi-Fi facility, NPTEL video lectures.

File Description	Document
Any additional information	[View Document](#)

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 76.04

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	[View Document](#)
List of the faculty members authenticated by the Head of HEI	[View Document](#)
Any additional information	[View Document](#)

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

Response: 1.5

2.4.2.1 Number of full time teachers with Ph.D. year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
2	1	1	1	1

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	[View Document](#)
Any additional information	[View Document](#)

2.4.3 Average teaching experience of full time teachers in number of years

Response: 9.96

File Description	Document
List of Teachers including their PAN, designation,dept and experience details	[View Document](#)

2.4.4 Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

Response: 0.46

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from

Government recognised bodies year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1	0	0	1	0

File Description	Document
e-copies of award letters (scanned or soft copy)	View Document
Institutional data in prescribed format	View Document

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Response: 3.18

2.4.5.1 Number of full time teachers from other states year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
4	4	3	4	2

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	View Document

2.5 Evaluation Process and Reforms

2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level

Response:

- At the commencement of Academic Year on orientation programme is conducted along with principle address for first year engineering students with their parents to make them aware of evaluation pattern, syllabus, exam circulars and notices from SPPU regarding evaluation process, exam pattern, syllabus, Exam schedule are displayed in time on notice board and also communicate to the student in classroom.
- The regulation curriculum and syllabi of all programs offered by institute are available in the institute library and respective departments also on affiliated university website.
- Academic calendar is prepared in the beginning of semester which contains academic and extracurricular activities including test schedule, test PR/OR theory exam schedules.
- The institute conducts all SPPU exams as per its schedule. To conduct online exam, the institute

has well equipped infrastructure.
* Internal tests are conducted twice through semester.
* Attendance & assessment record of each faculty is maintained by HOD, Dean academic & Principal for internal education process.
* Exam CCTV cameras are used for monitoring online exam.
* The reforms initiated by the institute are - Conduction of mock online exam, test, assignments, class test, and mock practical/oral exam.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

Response:

The internal assessment system of the students is transparent. Internal assessment is only for term work which is assessed throughout the semester. Assessment scheme is explained to the students to bring in transparency.

They are assessed on the basis of following criteria-

-Timely submission (Term-work file)

-Performance and attentiveness (behavior)

-Unit test marks.

Following are the efforts taken by the institute authority to maintain transparency in internal assessment

* Display of academic calendar on notice board consisting details of test slot and Institute / Department events at the start of semester.
* Students have been given ample opportunity to discuss issues regarding test performance with the concern teacher.
* For failure in the internal test, retest or assignments are asked from the students.
* The academic progress of the student is monitored by the appointed class teacher, mentor and respective subject teacher.
* For special cases, irregularities parents are called in between as well.
* Student's progress in various fields is communicated to the students and the parents.
* Also every year management, teachers and parents meet is organized through which progress of the students and the institute achievements are communicated to the parents.
* Practical and oral examinations conducted by the university are evaluated by internal and external examiners appointed by SPPU.

In each department, final year projects are evaluated continuously and students are given inputs on their weakness and scope for improvements. Students maintains logbook or "project progress book" with records of their project progress. These books are checked by guides on regular basis.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

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

Response:

The institute has deputed a College Examination Officer (CEO) who takes care of University examination evaluation grievances. CEO forwards the grievances to the university. The student can apply for verification, revaluation & for photocopy to the university. The university examiner re-verify, re-assess the answer book and revised marks if any aresent to the institute which are displayed on the institute notice board.

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

Online exam & in semester Exam-

Institute conducts online phase 1 & 2 insem exam as per the university schedule & displays the marks on notice board.

Term work marks- As per the students continuous performance in a semester term work marks are given & submitted to the university.

Addressing the grievances at university level-

Examination form- Online filling of the examination forms is done as per the university (SPPU) schedule. If any discrepancy found in name, subject selection, problems in filling exam forms then the students can report to the university exam center through the college.

Exam Pre-post work – summary is distributed to the HOD for practical / oral exams. The hall tickets generated by university are distributed to the students through exam section. Date wise summary of exam is prepared as per the university (SPPU) timetable. The mark sheets received from university are distributed to the students.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

2.5.4 The institution adheres to the academic calendar for the conduct of CIE

Response:

- Before the commencement of semester the institute prepares academic calendar by considering university academic calendar which consists of number of working days. Class test schedule, tentative online & insemester university exams, list of holidays, workshops, guest lectures, conclusion of semester, tentative practical, oral & theory examinations.
- Academic calendar is provided to all HOD's in Principal meets & forwarded to all faculties through HOD & displayed on notice board.
- At department level load distribution & time table is prepared by HOD & time table in charge & send to the Principal for approval.
- The approved time table is displayed on notice board.
- The respective subject teacher prepares lab manual & course file according to the SPPU syllabus. Head of the Department monitors the academic progress by arranging meeting with HOD. The institute establishes academic monitoring committee for every year. The academic monitoring committee monitors the progress according to academic calendar of each department periodically.
- Record of all lectures / practical deliver as per the time table as well as progress of course plan are monitored by HOD and dean academic through "Attendance & assessment record book" for every month.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students

Response:

The institute has well defined learning outcomes program outcomes, program specific outcomes. These outcomes are defined by every department and published on college website, displayed on departmental notice board. During parents meet, program outcomes & program specific outcomes are notified to the parents. The Institution emphasizes on promoting value education through motivated trained faculty to prepare students to accept the challenges of globalization. At the end of every semester all the departments evaluate the POs and COs by using tools like class test and online exam results.

File Description	Document
COs for all courses (exemplars from Glossary)	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Response:

Vision and Mission of the institute are co-related with the Program Educational Objective (PEO's) of each department which inturn are mapped to program outcomes of each program. Therefore, PO's and PEO's accomplishment indicate the alignment of academic activities with the Vision and Mission of the Institute.

Every department has well defined PO's and PEO's in accordance with (SPPU) university. For every course outcomes are specified by SPPU.

At the end of every semester all the departments evaluate PO's and PEO's by tutorials, assignments , class test results in live exam & insemester SPPU exam and alumni feedback.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

2.6.3 Average pass percentage of Students

Response: 90.09

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

Response: 1191

2.6.3.2 Total number of final year students who appeared for the examination

Response: 1322

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

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response:

File Description	Document
Database of all currently enrolled students	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants for research projects sponsored by non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years

Response: 0

3.1.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year wise during last five years(INR in lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
List of project and grant details	[View Document]()

3.1.2 Percentage of teachers recognised as research guides at present

Response: 5.8

3.1.2.1 Number of teachers recognised as research guides

Response: 4

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

3.1.3 Average number of research projects per teacher funded by government and non government agencies during the last five years

Response: 0

3.1.3.1 Number of research projects funded by government and non-government agencies during last five years

File Description	Document
List of research projects and funding details	[View Document]()

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Response:

Institute encourages students and faculties for innovation and transfer of knowledge. Institute encourages students to participate in technical competitions, workshop, conferences, etc. Institute provides financial support to the students and faculties to attend workshops and competitions, like GO-KART, AVISHKAR, projects related to society like, Waste Water Purification Plant. Students are motivated to involve in industry sponsored projects like GMRT, etc. Institute organises national conference "JCON" every year to present their innovations and ideas for transferring the knowledge. Institute is member of ARAI, SAE, IETE to involve students to particiate at national level competition. The library has a rich source journals and books for students and faculties.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

Response: 44

3.2.2.1 Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
20	12	5	6	1

File Description	Document
List of workshops/seminars during last 5 years	[View Document](#)
Report of the event	[View Document](#)
Report of the event	[View Document](#)
Any additional information	[View Document](#)

3.3 Research Publications and Awards

3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research

Response: Yes

File Description	Document
Any additional information	
Institutional data in prescribed format	

3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards

Response: Yes

File Description	Document
List of Awardees and Award details	

3.3.3 Number of Ph.D.s awarded per teacher during the last five years

Response: 0

3.3.3.1 How many Ph.Ds awarded within last five years

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	
URL to the research page on HEI web site	

3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years

Response: 0.19

3.3.4.1 Number of research papers in the Journals notified on UGC website during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
25	20	25	5	7

File Description	Document
Any additional information	[View Document](#)
List of research papers by title, author, department, name and year of publication	[View Document](#)

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

Response: 0.09

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

2016-17	2015-16	2014-15	2013-14	2012-13
27	1	4	0	6

File Description	Document
Any additional information	[View Document](#)
List books and chapters in edited volumes / books published	[View Document](#)

3.4 Extension Activities

3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Response:

The different types of social activities are planned and organized at institute level as well as departmental level through groups of students.

Institute has NSS and SWO unit approved by the SPPU University. This unit has dedicated NSS program officer and student welfare officer to conduct the different activities through the students. Under NSS regular activities and special winter camp are organized at village which is adopted at every year where students promote awareness about issues related to-

    1. Women empowerment

    2. Importance of Education

    3. Rain Harvesting

4. Social issues

5. Environmental awareness

Institute has adopted neighborhood village under NSS schemes every year. The village name 'Sawargaon-BASTI' has adopted for three years by the institutes to conduct social awareness program.

Institute visits to the neighboring village and conducted regarding Cashless program, Swatch Bharat Abhiyan,,Essay Competition, Tree plantation,wanarai Bhandara,Swatch bharat Essay writing,Andhashradha Nirmoolan (Blind Faith),Beti Bachao Beti Padhav Abhiyan, Aids awareness etc.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

3.4.2 Number of awards and recognitions received for extension activities from Government /recognised bodies during the last five years

Response: 4

3.4.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
0	2	0	2	0

File Description	Document
Number of awards for extension activities in last 5 years	[View Document](#)
e-copy of the award letters	[View Document](#)
Any additional information	[View Document](#)

3.4.3 Number of extension and outreach programs conducted in collaboration with industry, community and Non-Government Organisations through NSS/NCC/Red cross/YRC etc., during the last five years

Response: 24

3.4.3.1 Number of extension and outreach programs conducted in collaboration with industry,community

and Non-Government Organisations through NSS/NCC/Red cross/YRC etc.,year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
10	7	5	2	0

File Description	Document
Number of extension and outreach programs conducted with industry,community etc for the last five years	View Document
Reports of the event organized	View Document
Any additional information	View Document

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Response: 28.53

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
708	695	405	75	60

File Description	Document
Average percentage of students participating in extension activities with Govt. or NGO etc.	View Document
Report of the event	View Document

3.5 Collaboration

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

Response: 91

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
37	24	13	14	3

File Description	Document
Number of Collaborative activities for research, faculty etc.	
Copies of collaboration	
Any additional information	

3.5.2 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 27

3.5.2.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
12	9	4	1	1

File Description	Document
Details of functional MoUs with institutions of national, international importance,other universities etc. during the last five years	
e-copies of the MoUs with institution/ industry/ corporate house	
Any additional information	

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.

Response:

The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.

Institution believes that a healthy teaching learning environment is oneof the biggest assets to ensure quality education to the students. The institution follows the norms provided by AICTE and SPPU for creating and enhancing the infrastructure that facilitate effective teaching and learning. The institute always tries to develop good and modern infrastructure for classroom, laboratory, seminar rooms, library infrastructure, parking, canteen, hostels, boys common room, office stationery store, internet facility.

All the departments are fully equipped with infrastructure such as HOD cabin, Faculty rooms dedicated lab., seminar rooms. The institute has separate infrastructure for library, Administrative work, Principal cabin, pantry, exam section, Xerox facility.

File Description	Document
additional information	[View Document](#)
Link for Additional Information	[View Document](#)

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

Response:

The institute has Student Welfare Officer to implement various schemes laid down by Board of Student Welfare, like earn and learn schemes, personality development for girls, special guidance schemes, publication of annual magazine. Project competition, workshops, Nirbhaya Kanya Abhiyan. The institute has Academic and Research co-coordinator to motivate students to participate in AVISHKAR project competition conducted Savitribai Phule Pune University and ensures various grant issued by Savitribai Phule Pune University. Facility for yoga is available in the campus. The Institute provides medical facility by visiting doctor to attend the health check-up of the staff and students.

File Description	Document
additional information	[View Document](#)
Link for Additional Information	[View Document](#)

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

Response: 29.03

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 9

File Description	Document
any additional information	[View Document](#)
Number of classrooms and seminar halls with ICT enabled facilities	[View Document](#)
Link for additional information which is optional	[View Document](#)

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

Response: 6.94

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year wise during last five years (INR in lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
15	30	28	35	25

File Description	Document
Details of budget allocation, excluding salary during the last five years	[View Document](#)
Audited utilization statements	[View Document](#)

4.2 Library as a Learning Resource

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

Response:

OPAC

Online Public Access Catalogue (OPAC) is provided to maximize access to the library collection with

respect to a search by Author / creator name, Title of the book, Keyword, Publisher name and Class number.

Electronic Resource Management package for e-journals:

Electronic Resource Management package for e-journals: e-Journal subscription is always at the priority of the institute. For the access convenience and facilitation the resources are managed at the finger tip of the readers.

Library automation: All the accession to the library is automated. Barcode code system is used for the reference and full proof recording and reporting is maintained. Flexible search options add to the convenience of the user.

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

Total numbers of printers for public access: Three printers and reprographic facility is at the library for ready service.

Internet band width/ speed: 80 Mbps Leased line and 10 Mbps Broadband OFC uninterrupted Internet connection is available for the web access.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment

Response:

Manuscript: Institute has 10 manuscripts written by Dr. C. L. Dhamejani, which are written specially for Automobile Engineers in India. These books are originally in Russian language and translated in English by him.

Rare books: E-copies of rare books which are available on the Internet are downloaded and kept for reference to students and staff.

Special Reports: Soft copies of various special reports published by international / national organisartions are made available to students and staff for study purpose. These reports are generaly published by government agencies.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

4.2.3 Does the institution have the following:

1. e-journals
2. e-ShodhSindhu
3. Shodhganga Membership
4. e-books
5. Databases

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: D. Any 1 of the above

File Description	Document
Any additional information	[View Document](#)
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc.	[View Document](#)

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in lakhs)

Response: 18.25

4.2.4.1 Annual expenditure for purchase of books and journals year wise during last five years (INR in lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
16.49	16.18	20.93	19.34	18.32

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	[View Document](#)
Audited statements of accounts	[View Document](#)

4.2.5 Availability of remote access to e-resources of the library

Response: No

File Description	Document
Details of remote access to e-resources of the library	[View Document](#)

4.2.6 Percentage per day usage of library by teachers and students

Response: 9.61

4.2.6.1 Average number of teachers and students using library per day over last one year

Response: 98

File Description	Document
Any additional information	[View Document](#)
Details of library usage by teachers and students	[View Document](#)

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

Institute adhers the norms laid by AICTE, DTE and University and provides the facilities required for smooth conduction of administration and academic work. Management has provided and updated institutional IT infrastructure time to time to fulfill the norms.

Institute is started in 2010 with 4 courses of Bachelore Degree Engineering. Computer Center, Language Laboratory and digital library are provided for academics. Also desktops are provided to the Principal, administrative office, exam department, course wise department, library administration.

Progressively, IT infrastruture and facilities are added as required by norms as well as curriculum of University.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

4.3.2 Student - Computer ratio

Response: 2.44

File Description	Document
Student - Computer ratio	[View Document](#)
Any additional information	[View Document](#)

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)
<5 MBPS

5-20 MBPS

20-35 MBPS

35-50 MBPS

Response: >=50 MBPS

File Description	Document
Details of available bandwidth of internet connection in the Institution	[View Document](#)
Additional information	[View Document](#)

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Response: Yes

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	[View Document](#)
Any additional information	[View Document](#)
Link to photographs	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response: 32.9

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

2016-17	2015-16	2014-15	2013-14	2012-13
74.54	116.63	137.71	174.55	123.96

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	[View Document](#)
Audited statements of accounts.	[View Document](#)

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

Response:

Institute has separate maintenance commitee. This committee monitors the maintenance of the infrastruture and all other facilities. Also, the institute has separate estate department which takes care of maintenance of all buildings in the campus. This department takes care of overall assets in and out side the college building. Repair and maintenace is provided as and when required. Separate electrician is appointed for general and major electrical maintenance. All departments have departmental technical assistants who takes care of equipments.

Maintenance of surroundings and garden is taken by the gardener. Separate staffs are appointed for housekeeping.

Other Information regarding Infrastructure

Parking:

Parking Space is provided for parking of two wheeler vehicles of students. Four wheeler and Two wheeler parking are also available for college staff and students.

ATM Center and Post office:

IDBI ATM center is provided in institute's campus. Maintenace of the ATM center is under the service

provider appointed by the respective bank.

Letter box facility is provided in the campus by post office.

File Description	Document
Any additional information	[View Document]
Link for Additional Information	[View Document]

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Response: 74.84

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
914	1273	1056	941	608

File Description	Document
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	[View Document](#)
upload self attested letter with the list of students sanctioned scholarships	[View Document](#)

5.1.2 Average percentage of students benefitted by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Response: 1.68

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
48	49	15	3	1

File Description	Document
Any additional information	[View Document](#)
Number of students benefited by scholarships and freeships besides government schemes in last 5 years	[View Document](#)

5.1.3 Number of capability enhancement and development schemes –

1. For competitive examinations
2. Career counselling
3. Soft skill development
4. Remedial coaching
5. Language lab
6. Bridge courses
7. Yoga and meditation
8. Personal Counselling

A. 7 or more of the above

B. Any 6 of the above

C. Any 5 of the above

D. Any 4 of the above

Response: A. 7 or more of the above

File Description	Document
Any additional information	[View Document](#)
Details of capability enhancement and development schemes	[View Document](#)
Link to Institutional website	[View Document](#)

5.1.4 Average percentage of student benefitted by guidance for competitive examinations and career counselling offered by the institution during the last five years

Response: 6.29

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

2016-17	2015-16	2014-15	2013-14	2012-13
118	173	167	0	0

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	
Any additional information	

5.1.5 Average percentage of students benefitted by Vocational Education and Training (VET) during the last five years

Response: 0.27

5.1.5.1 Number of students attending VET year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
0	5	10	5	0

File Description	Document
Any additional information	
Details of the students benifitted by VET	

5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

Response: Yes

File Description	Document
Details of student grievances including sexual harassment and ragging cases	
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 5.48

5.2.1.1 Number of outgoing students placed year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
25	17	11	15	0

File Description	Document
Self attested list of students placed	View Document
Details of student placement during the last five years	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch)

Response: 7.25

5.2.2.1 Number of outgoing students progressing to higher education

Response: 28

File Description	Document
Details of student progression to higher education	View Document
Upload supporting data for student/alumni	View Document

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: NET/SLET/GATE/ GMAT/CAT, GRE/ TOFEL/ Civil Services/State government examinations)

Response: 50

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/CAT, GRE/TOFEL/Civil Services/State government examinations) year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
0	1	1	2	0

5.2.3.2 Number of students who have appeared for the exams year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1	1	2	2	1

File Description	Document
Any additional information	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document
Upload supporting data for the same	View Document

5.3 Student Participation and Activities

5.3.1 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) during the last five years.

Response: 0

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 last five years

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	View Document

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

As per University circular and Maharashtra University Acts 1994, the institute has constituted student council. The chairman of the committee is the Head of Institution and he / she nominates one teacher from faculty, NSS officer and two academic toppers from each department having good academic and good extra curricular record. Two ladies student members are nominated by the Principal. Student council organises many activities through its representatives like sports coordinator, cultural coordinator and NSS coordinator. These activities are conducted under guidance of faculty representative.

Following are the some activities generally undertaken by departmental association:

- Experts lectures

- Quiz competitions
- Debate competitions
- Festival celebrations

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

Response: 7.8

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
12	11	4	7	5

File Description	Document
Number of sports and cultural activities / competitions organised per year	[View Document](#)
Report of the event	[View Document](#)

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Response:

Alumini Association Chapter is not registered with Charity Commissioner. Proposal for registration is submitted to competent authority for further action. Memorandum of Association is formed and members of alumini are identified. Under this one alumini meet is successfully conducted as "AFFINITY". Most of the passed out students were present for the program. Institute had arranged this program to register all passed out students for alumini and also track their career graph after graduation.

Alumini members presidng in Maharashtra and various part of India, shared their experience and feelings with staff and students. They also gave feedback on the infrastruture development and other academic related activities.

Before this process, formal meetings were conducted during the Graduation Ceremony of University held at Institute campus.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

5.4.2 Alumni contribution during the last five years

<1 Lakh

1 Lakh - 3 Lakhs

3 Lakhs - 4 Lakhs

4 Lakhs - 5 Lakhs

Response: <1 Lakh

File Description	Document
Alumni association audited statements	[View Document](#)

5.4.3 Number of Alumni Association / Chapters meetings held during last five years

Response: 6

5.4.3.1 Number of Alumni Association /Chapters meetings held year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
4	2	0	0	0

File Description	Document
Any additional information	[View Document](#)
Number of Alumni Association / Chapters meetings conducted during the last five years.	[View Document](#)
Report of the event	[View Document](#)

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution

Response:

VISION:

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

MISSION:

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

QUALITY POLICY:

" We at JCEI's Jaihind college of Engineering Kuran are committed to offer advanced and best Technical Education to Engineering students by involving stake holders and professionals in actualizing our Vision of Academic Excellence.

Achieve a quality in the entire field of educational activities through monitoring, reviewing information about determined external, internal issues by addressing risk, opportunities and taking action on it.

Enhance the competencies and soft skills of faculties and students through continual improvement in quality management system with providing real time Information and training by measuring & analyzing our objectives & mission."

Considering the need of technical education in rural platform the institute has started distinctive excellence driven engineering education that will groom future generations of engineers and entrepreneurs.

To ensure this need and achieve vision, the quality policy of the Institute is also well derived which have been designed by the unifying the effective roll of Top Management, Principal, HoDs and faculties are involved in various committees. Semester wise comprehensive plan for quality enhancement is prepared and incorporated in the academic calender.

Institutional approach towards Vision and Mission:

The institute has defined vision and mission which are futuristic in nature. The institute satisfies the needs of society.

- The institute is ISO 9001:2015 QMS and ISO 14001:2004 EMS certified.
- Institute has been awarded by Savitribai Phule Pune University, Pune "Best Magazine Award"

continuously for two years.

- Rural stuents admitted in our Institute are getting ranks in the University examinations.
- Also final year students of academic year 2017-18 have filled patent for the project work.
- Institute has motivated and promoted senior faculties for higher education like Ph. D., and also for research work, etc.
- Students are encouraged for development of the innovative projects related to agricultural sector and related to need of society.
- Students are involved and participating in ongoing projects at College of Engineering, Pune, an autonomous Institute.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.1.2 The institution practices decentralization and participative management

Response:

Decentralization Management-

The institute believes in promoting a culture of decentralized governance system.

Academic responsibilities are fairly divided among the entire faculty. Committees are formed for the various academic and extracurricular activities to be conducted during academic year. The departments are encouraged and given financial support to arrange various activities for the benefit of students and faculties. The administration of the college office is headed by the Administrative officer and he / she co-ordinates the day to day activities concerned with administration of the institute.

Participative Management-

College promotes culture of participative management. The committees for implementation of predefined plan include active participation of faculties as well as students. The levels of effective management, planning, implementation and monitoring include.

1. Top Level Management.
2. Principal
3. Academic Dean
4. HOD
5. Faculty
6. Non Teaching Staff

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Response:

The institute has stated quality policy. It is prepared after discussion with the Top Management, Principal, Heads of Department and faculties to achieve Vision and Mission of the institute.

The institute undertakes various activities to fulfil the quality policy.

Various committees are formed by the Principal. These committees conduct and monitors the activities scheduled.

The objectives of our institute are as follows.

- To enhance industry-institute interaction.
- To strive hard for academic excellence.
- To achieve maximum placement.
- To create good engineers to serve nation.
- To explore, experiment, adopt and follow, best practices in teaching and facilitate on environment for self-learning & develop lifelong learn ability.

Goals:

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

1. Permanent affiliation by SPPU.
2. Improving the number of MOU's with renowned educational institutes, industries, national and international organization.
3. Accreditation by national/international organization.
4. Internal revenue generation through consultancy by using available resources of institute.
5. Social transformation and up-liftment of rural masses through the Technical Education.
6. Enhance the Academic excellence

Action:

1. Institute has successfully executed MoU with India's most renowned engineering Institute "College of Engineering, Pune (COEP)". It involves student exchange, faculty exchange, evaluation process, to establish / develop laboratories, research centre, supervise M. Tech., / Ph.D.

students in either Institutes, training to faculties and students, collaborative R&D work/R&D Projects self-generated or Industry sponsored, jointly paper publication, sharing journal and information through e-library, develop hardware and software, etc.

2. Institute has successfully executed MoU with KONGO Educational Services to deliver uniquely tailored, systematic contents required for civil services examinations like GATE, IES, etc. Virtual class is set up to provide live lectures to the students with interactive video conference system. Students are encouraged and looking satisfied with this activity.

3. Institute is certified by ISO 9001:2015 QMS standards as well as ISO 14001:2008 EMS standards.

4. Institute has signed MoU with Sub-Division, Junnar (Revenue Department of State Government) for Third Party Audit of projects developed under "Jalyukt Shivar", announced by Government of Maharashtra.

5. The institute is adopted two nearby villages and conducts various social activities periodically through the NSS unit and conducts special Winter Camp to develop the village.

6. Institute has consistent academic result since the first pass-out batch in which four students are ranked in university merit list.

Outcome:

1. Through MoU signed with College of Engineering, Pune; faculties from CoEP are involved in academics of the Institute to deliver special guidance related to curriculum. Also groups of final year students are identified and involved in the ongoing projects.

2. Final Year students are getting benefits through the online GATE coaching classes provided by KONGO Educational Services.

Institute has audited 141 projects developed under "Jalyukt Shivar" program and handed over the audit reports to the competent authority.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)
Strategic Plan and deployment documents on the website	[View Document](#)

6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Response:

Institute follows the internal organization structure for functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism.

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

    with Principal is executing general administrative works.

2. Academic Dean is concerned with academic activities. He / she will prepare academic calender, execute the same. HoDs will report the academic dean regarding departmental activities.

3. Head of Departments are responsible for functioning departmental activities laid down in policies of Institute. He/she will report to the Principal. HoD constitutes various committees at the departmental level for smooth conduction of academic and extra-curricular activities.

The institute's function is based on the organization chart which is given in the additional information attached herewith.

Recruitment Strategy-

Each candidate is appropriately assessed in regards to technical knowledge, competence and skill sets followed by demo lecture during local selection.

Recruitment of faculty is done as per the AICTE and State Government norms. During UGC interviews, the procedure is as follows.

- Roaster for Teaching faculty is approved by Reservation Cells of State Government and SPPU. Advertise is finalized as per seats and reservation allotted for various categories mentioned in roaster.
- This advertises is published in national news papers. With respect to advertisement, applications are invited from eligible candidates with 15 days from date of publication of advertise. Also same advertise is submitted to various government agencies for the eligible candidate's lists.
- University appoints the selection committee with V.C. nominees and subject experts for various subjects.
- These panels conduct the interviews of eligible candidates on the prior declared date and recommend the name of the candidates to the Institute as well as University.
- 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.

Promotional Policies-

The institute has laid down promotional policies based on performance appraisal system which consist of self appraisal and appraisal by review officer.

The performance appraisal information includes-

- General information and academic background, course/workshops/STP attended during the year.
- Academic performance information.
- 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 government of Maharashtra.

Grievance Readdressal Mechanism

The institute has constituted a Grievance Readdressal committee who take care of handling if grievance from both students and faculty members.

The mechanism carried out by grievance committee are as follows-

- Suggestion boxes are located at all important places of the institutes wherein stakeholders can freely drop their grievance, suggestions and requests.
- Through mentor meeting suggestions/grievances are collected.
- These grievances can be directly communicated to the principal.
- The grievances are collected and compiled.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.2.3 Implementation of e-governance in areas of operation: 1.Planning and Development 2. Administration 3. Finance and Accounts 4. Student Admission and Support 5.Examination
A. All 5 of the above

B. Any 4 of the above

C. Any 3 of the above

D. Any 2 of the above

Response: B. Any 4 of the above

File Description	Document
Details of implementation of e-governance in areas of operation Planning and Development,Administration etc	[View Document](#)
ERP Document	[View Document](#)
Screen shots of user interfaces	[View Document](#)

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions

Response:

Institute has constituted following committees to observe the grievances in campus and hostel.

1.Governing Body

2.College Development Committee (Local Managing Committee)

3.Anti-Ragging Act and Committee

4.Internal Complaint committee

5.Grievance Readdressal Committee

6.Committee for SC/ST Category

7.Student Council

Example of One Activity resolved and implemented.

1. Institute has successfully executed MoU with India's most renowned engineering Institute "College of Engineering, Pune (COEP)". Through MoU signed with College of Engineering, Pune; faculties from CoEP are involved in academics of the Institute to deliver special guidance related to curriculum. Also groups of final year students are identified and involved in the ongoing projects.

Students and faculties are made aware of the existence of the various committees for redressal of various grievances / complaints, etc. As and when committee receives any complaint, members meet immediately, review and resolve the problems.

No such complaints received so far. But Institute very keen to the feedback and resolves the problems at bottom level.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.3 Faculty Empowerment Strategies

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

Response:

The institute is taking continuous efforts for the professional development of its teaching and non teaching staff by –

- Organizing various workshops, guest lectures, FDP, SDP, values added courses and teaching-

- learning courses to enhance faculty skills.
- Providing duty leave to the faculty and staff for attending workshops, seminars, national and international conference.
- Enabling staff to make use of latest equipments through awareness and training program.
- To get better teaching skills, faculty is encouraged to adopt learner centric education approach, use of modern teaching learning tools, and use of NPTEL video.
- Providing well equipped library and learning resources for effective instruction delivers.
- Providing access to internet Wi-Fi facility to upgrade knowledge and skills.
- Organizing communication skill training for selected staff as per need.

Institute has provided group insurance, gratuity scheme and EPF scheme to eligible staff.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

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

Response: 33.7

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 last five years

2016-17	2015-16	2014-15	2013-14	2012-13
52	36	25	20	11

File Description	Document
Details of teachers provided with financial support to attend conferences,workshops etc. during the last five years	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 1.6

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
6	0	0	2	0

File Description	Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	[View Document](#)
Reports of Academic Staff College or similar centers	[View Document](#)

6.3.4 Average percentage of teachers attending professional development programmes viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programme during the last five years

Response: 25.4

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
48	25	13	17	7

File Description	Document
Any additional information	[View Document](#)
Details of of teachers attending professional development programs during the last five years	[View Document](#)

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

In academic year 2015-16, institute has laid down guidelines for performance appraisal system which consist of self appraisal and appraisal by review officer.

The performance appraisal information includes-

- General information and academic background, course/workshops/STP attended during the year.
- Academic performance information.

- Appraisal is reviewed face to face interaction with the management and presentation on performance appraisal.

Annual assessment of performance based on appraisal system is adopted as per guidelines of University and Government of Maharashtra.

File Description	Document
Any additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

The college has mechanism for internal and external audit. The details are as follows.

- Financial transactions are carried out through the accounting software "Tally ERP9". JCEI has separate head accountant who observes the daily transactions with respect to fee receipts. Expenses are monitored and controlled by Chief Executive Officer appointed by the Society. As mentioned earlier, budget is prepared before commencement of financial year. With reference to the budget all the purchase of equipments, consumables, daily requirements are controlled with prior approval of CEO. Internal audit- JCEI has internal audit system. Internal Audit of the financial transactions is carried out periodically and reports are communicated to the Secretary of JCEI. If The Secretary founds any discrepancy in accounts report, it is communicated to CEO and accountant for rectification.

External Audit- Chartered Accountant is appointed as an external auditor by the Society/Trust who performs an audit after end of financial year. On the basis of the accounts prepared by the accounts department, auditor verifies it. He / She rectifies and certifies the same with remarks, if any

File Description	Document
Any additional information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropers during the last five years (not covered in Criterion III)

Response: 1

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropers year wise during last five years (INR in lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
1	0	0	0	0

File Description	Document
Details of Funds / Grants received from non-government bodies during the last five years	[View Document](#)

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

The institute is self financed institute and permanent unaided. The primary source of income is tuition fees received from students. Fees regulating authority of state government approves the tuition fees for each academic year. Institute receives grant from University under QIP, NSS, SWO schemes to develop laboratories, assets and to conduct student development activities. Also Institute receives third party audit fees from various organizations as a consultancy fees against the audits performed by the departments. The institute also supported by financial sponsorship from vendors, industries for co-curricular and extracurricular activities of the students.

- In the beginning of every academic year, the departmental requirement is prepared by respective Head of departments and forwarded to the Principal.
- 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.

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.

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

Response:

No. Yet Institute is not having Internal Quality Assurance cell.

Institute executes the following activities to assure the quality education.

- Preparation of academic Plan: Before commencement of academic year, Principal calls meeting with Academic Dean and Head of Departments to prepare academic plan. Academic plan is prepared in accordance with Savitribai Phule Pune University academic calendar. All curricular activities and events are included in this academic calendar.
- Execution and monitoring of academic plan: Prepared academic calendar is communicated to each faculty through head of department and subjects are allocated to the faculty to prepare their subject wise teaching and laboratory plan. Classwise and divisionwise timetables are prepared by departmental timetable in charge for class and laboratories with approval of head of department.
- Internal assessment test: As per academic calendar, internal class tests are conducted to review the progress of students. These class tests are conducted and assessed by the respective departments. The assessment results are displayed on departmental notice board for students.
- Collecting feedback from stakeholders: Student's feedbacks are taken by head of department to minimize the lacuna in teaching learning methodology. Poor student's performances are communicated to the respective parents.
- Mentoring the students: Student guardian scheme is implemented by the institution to improve the performance of the students.
- Developing Infrastructures: As per the requirement of changing syllabus by the university, laboratories are developed to meet the requirements time to time.

File Description	Document
Any additional information	View Document

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms

Response:

Yet, Institute is not having Internal Quality Assurance cell as Institute is in First Cycle of accreditation.

Though IQAC does not exist, Internal Monitoring Committee headed by Dean of Academics reviews Institute's teaching learning process, structures & methodologies of operations and learning outcomes at monthly.

Teaching plan is prepared by the teachers in accordance with academic calendar and university syllabus. The plan is executed by the subject teacher from beginning of the session. As per academic timetable completion review of the syllabus is taken by Head of Department through the class teacher. Extra hours may assign to cover the syllabus if there is any lagging in completion. Course file is prepared by the subject teacher with reference to contents of syllabus. Subject teacher is encouraged to use innovative teaching methods for enriching teaching and learning process.

As per academic calendar, internal class tests are conducted to review the progress of students. These class tests are conducted and assessed by the respective departments. The assessment results are displayed on departmental notice board for students.

Student's feedbacks are taken by head of department to minimize the lacuna in teaching learning methodology. Poor student's performances are communicated to the respective parents. Also the Head of Institution interacts with few students of each class and takes feedback on the teachers on the effectiveness of their teaching.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Response: 0

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	[View Document](#)

6.5.4 Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements**
2. **Academic Administrative Audit (AAA) and initiation of follow up action**
3. **Participation in NIRF**
4. **ISO Certification**
5. **NBA or any other quality audit**

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: C. Any 2 of the above

File Description	Document
Details of Quality assurance initiatives of the institution	[View Document](#)
e-copies of the accreditations and certifications	[View Document](#)

6.5.5 Incremental improvements made for the preceding five years with regard to quality *(in case of first cycle)* **and post accreditation quality initiatives** *(second and subsequent cycles)*

Response:

- Institute is certified with ISO 14001:2004 EMS and ISO 9001:2015 QMS and follows the standards of ISO.
- Internal Monitoring Committee headed by Dean of Academics is constituted and it takes continuous reviews teaching-learning process in the Institute.
- Before the commencement of semester academic candelar is displayed in accordance with SPPU academic canledar and ensures that academic activities are conducted as per the schedule.
- Students and faculties are motivated to participate in conferences, seminars, workshops, FDP, etc regularly.
- Institutes has created infrastructure as per norms laid down by AICTE.
- Internet and WI-FI facilities are provided with 80 mbps bandwidth leased line.
- ATM facility is also made available in the campus.

File Description	Document
Any additional information	[View Document](#)

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Response: 9

7.1.1.1 Number of gender equity promotion programs organized by the institution year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
3	6	0	0	0

File Description	Document
Report of the event	View Document
List of gender equity promotion programs organized by the institution	View Document

7.1.2

1. Institution shows gender sensitivity in providing facilities such as:
    1. Safety and Security
    2. Counselling
    3. Common Room

Response:

Institute has constituted Internal Complaint Committee and Grievance Redressal Committee. Mentors are appointed to review the overall activities, problems arises to the students. Students are provided barrier-free and friendly environment to discuss their grievances / suggestions with their mentors. In campus, security guards are provided and CCTV for surveillance. Anti-ragging squads are daily observes the campus activities to ensure the safety and security.

Institute plays a preventive role by making efforts to provide a friendly atmosphere at the institute by arranging periodic programmes and lectures through NSS and SWO on gender sensitivity issues.

Separate common rooms are provided to girls and boys. Also adequate no. of toilets are provided in building. Sanitary napkin Vending machine is provided for girls.

File Description	Document
Any additional information	[View Document](#)

7.1.3 Alternate Energy initiatives such as:

1. **Percentage of annual power requirement of the Institution met by the renewable energy sources**

Response: 5.71

7.1.3.1 Annual power requirement met by the renewable energy sources (In Kilowatt)

Response: 2

7.1.3.2 Total annual power requirement (In Kilowatt)

Response: 35

File Description	Document
Any additional information	[View Document](#)
Details of power requirement of the Institution met by renewable energy sources	[View Document](#)
Link for Additional Information	[View Document](#)

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Response: 7.41

7.1.4.1 Annual lighting power requirement met through LED bulbs (In Kilowatt)

Response: 2

7.1.4.2 Annual lighting power requirement (In Kilowatt)

Response: 27

File Description	Document
Any additional information	[View Document](#)
Details of of lighting power requirements met through LED bulbs	[View Document](#)

7.1.5 Waste Management steps including:
- **Solid waste management**
- **Liquid waste management**

- **E-waste management**

Response:

- **Solid waste management:** All the institute has outsource the work of cleaning the campus of the external agency. Every day all the academic building & surrounding campus is cleaned by the external agency. "Vermi-compost" project implemented in campus for decomposition of solid waste.
- **Liquid waste management:** Institute has developed the sewage treatment plant to manage sewage and liquid waste through the project initiated and developed by the students of final year mechanical department. The liquid effluent filtered through this plant is used for watering of trees.
- **E-waste management:** E-waste is collected & is sold out to the buyers. Electronics goods are put to optimum use. The minor repairs are set right by staff & laboratory assistant and major repairs are carried out by professional technicians. The UPS batteries are recharged/repaired/exchanged by the supplier.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

7.1.6 Rain water harvesting structures and utilization in the campus

Response:

Prathamesh Agency Pune carried out a survey of the campus for energy audit. Agency has also gone through rain water harvesting implemented in the campus. Main college engineering building and workshop building have very large water catchment area for rain water harvesting. Collected water passes through the channels made for run-off and collected in the adjacent dam developed by forest department. This collected water is used for watering of forest trees of 5 to 6 acres. Also collected water recharges the tube wells which are in campus. This practice improves the ground water table effectively.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

7.1.7 Green Practices
- **Students, staff using**
a) **Bicycles**
b) **Public Transport**

c) **Pedestrian friendly roads**
• **Plastic-free campus**
• **Paperless office**
• **Green landscaping with trees and plants**

Response:

- Institute has implemented its own transport for the students and faculties staying in the radius of 40 kms. It reduces the use of private vehicles used by the individuals.
- Institute has defined the areas for vehicle uses and also provided huge parking area for all type of vehicles.
- Campus has earmarked the pathways for pedestrians with greenery and natural shedding through trees.
- NSS cell has taken various programmes to made plastic free campus.
- Institute has certified as ISO 14001:2004 EMS for green initiatives taken in campus.
- Campus has landscaped with huge garden area with trees. Pathways are also decorated with trees on both sides, compound wall also surroundings by coconut trees, silver trees, etc.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

Response: 1.47

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year wise during last five years(INR in lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
3.11	8.05	1.49	7.43	7.25

File Description	Document
Any additional information	[View Document](#)
Details of expenditure on green initiatives and waste management during the last five years	[View Document](#)
Green audit report	[View Document](#)

7.1.9 Resources available in the institution:

1. **Physical facilities**
2. **Provision for lift**
3. **Ramp / Rails**
4. **Braille Software/facilities**
5. **Rest Rooms**
6. **Scribes for examination**
7. **Special skill development for differently abled students**
8. **Any other similar facility (Specify)**

A. 7 and more of the above

B. At least 6 of the above

C. At least 4 of the above

D. At least 2 of the above

Response: C. At least 4 of the above

File Description	Document
Any additional information	[View Document](#)
Resources available in the institution for Divyangjan	[View Document](#)
link to photos and videos of facilities for divyangjan	[View Document](#)

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years

Response: 24

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
10	1	6	3	4

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	[View Document](#)
Any additional information	[View Document](#)

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

Response: 10

7.1.11.1 Number of initiatives taken to engage with and contribute to local community during year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
4	0	3	1	2

File Description	Document
Details of initiatives taken to engage with local community during the last five years	[View Document](#)
Report of the event	[View Document](#)

7.1.12
Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff

Response: Yes

File Description	Document
Any additional information	[View Document](#)
URL to Handbook on code of conduct for students and teachers , manuals and brochures on human values and professional ethics	[View Document](#)

7.1.13 Display of core values in the institution and on its website

Response: Yes

File Description	Document
Any additional information	[View Document](#)
Provide URL of website that displays core values	[View Document](#)

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations

Response: Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	View Document
Any additional information	View Document

7.1.15 The institution offers a course on Human Values and professional ethics

Response: Yes

File Description	Document
Any additional information	View Document
Provide link to Courses on Human Values and professional ethics on Institutional website	View Document

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions

Response: Yes

File Description	Document
Any additional information	View Document
Provide URL of supporting documents to prove institution functions as per professional code	View Document

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

Response: 16

File Description	Document
Any additional information	View Document
List of activities conducted for promotion of universal values	View Document

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities

Response:

Foundation Day of the Institute is a 02 October, which is a Birth anniversary of Mahatma Gandhi and Lal Bahadur Shatri. Institute has a tradition to celebrate this day with celebration of various activities like blood donation camp, tree plantation, medical check-up. On each Foundation Day, Institute invites eminent personalities in the field of social service, education, research and technology, civil administration to motivate the students.

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

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

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

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

"Yuva Saptah (Week) is cebrated on the occasion of birth anniversity of Swami Vivekanand.

File Description	Document
Any additional information	[View Document](#)

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Response:

Institute is approved on permanentaly non-grant basis by the the government as the provisions in the law. Hence, Institute runs on tuition fees collected from the students. This tuition fees is approved by Fee Regulating Authority of Governement of Maharashtra by verifing the audited statement of accounts. This is published on the portal of the authority for the years and can be ssen on the portal.

In view of transpancy in academic, administration and auxiliary functions, Institute displays all notices on notice provided for the students and also circulated in the class rooms as well as displayed on LED monitor provided in the common passage.

7.2 Best Practices

7.2.1 State at least two institutional best practices (as per NAAC template)

Response:

1.Title of the Practices

Effective Teaching Learning System

2.Objective

-To develop academic plan for curriculum

-To ensure effective delivery of the contents and student satisfaction

-To achieve excellence results

-To achieve students employability

3. The Context

-Teaching and learning activity is the most important activity in educational institute

-To achieve excellence in teaching and learning proper planning, conduction, assessment and identifying corrective measures has to be followed.

-Individual teacher prepares the course plan to conduct teaching environment smoothly.

-Documentation like teaching plan, notes, monthly attendance, test record, Lab Plan is necessary to monitor the reaching status.

-Students are exposed to the practical knowledge as per the SPPU syllabus.

-Feedback mechanism is adopted to improve teaching and learning system.

4. The Practices

-The institute attempt to complete syllabus by effective teaching and learning system to achieve best results.

-The institute conducts extra classes for late admitted for first year and also for direct second year diploma students.

-Institute also conducts remedial classes for backlog students.

-Each individual faculty prepares course file before commencement of semester which consists of SPPU syllabus notes, ppts, evaluation record.

-Regular class test are conducted to improve the student performance in academic.

-Student-Guardian Scheme is implemented in which one faculty member for 20-25 students is assigned who conducts regular meeting and discuss academic progress as well as extra –curricular activities.

-Regular industrial visits are arranged to get industrial exposure to the students.

-Departmental students association conducts group discussion, debates, aptitude test and technical quiz contest.

5.Evidence of Success

-Faculties and students are motivated to participate in FDP, workshops, seminars, conferences etc.

-Batch-wise student performance has compared from first year to final year.

-Students admitted to first year engineering are of average merit but some students gets first class or distinction in final year in university.

-Students have performed well and ranked at university level.

6.Problem encountered and resources required

-As our institute falls under rural zone students have less exposure to the current state of all technology. To overcome this problem, institute arranges expert lectures, conferences, workshops, competitions.

-This institute is ISO 9001:2015 QMS certified and follows the standards to nurture informality, discipline, accountability and transparency in teaching-learning system.

-Institute always purchase lab. Equipment whenever syllabus is revised by SPPU.

-As institute is located in rural area, it is difficult recruit professor and associate professor (PhD qualified) hence institute promotes faculty to upgrade their higher qualification (M.E./M.Tech. /PhD)

-Institute provides financial support to participate in event like Go-Kart.

Best Practices—2

1.Title of the Practice

Student-Guardian Scheme

2.Objective

-To monitor overall progress of students during his graduation

-To improve presentation skill /written skill and communication skill.

-To identify academic weak students and reasons for their weak performance.

-To plan remedial actions.

-To develop leadership qualities.

-To monitor overall progress of students during his/her graduation

3.Context

As the college is located in rural area and most of the students are from poor and farmer family.

The number of students are completed the HSC from Marathi medium and institute find difficult to adopt with learning environment in English. Such students are require guidance and counseling in order to adjust to their new environment.

The objective of institute is to implement student-Guardian scheme is to provide counseling to students, to increase the academic results.

Faculty who serve as mentor male valuable contribution to the education and training of students in different activities.Thus, the role of faculty members plays important role in student Guardian schemes.

4. Practices

-In the student-guardian scheme ,teacher is allocated with group of 20-25 students (mentees)

-Mentor meeting is conducted once in 15 days.

-In meeting, mentors identify students who are lagging in academic.

-The mentor plays a role of counselor and guardian of these students.

-The mentor maintains the record of students in personal, academic details and interaction regularly. With these students to solve their problem.

5.Evidence of Success

-It has been observed that due to student-Guardian Scheme, academic performance of students shown improvement.

-Those students who are weak in academic are improved with confidence.

-Parents are happy with student-Guardian scheme implemented by institute.

-Also, institute observed the improvement in student's academic performance.

6.Problems encountered

The institute being situated in rural areas ,the students are not much aware with current technologies and inventions.

Counseling of students from rural area become difficult. Since they are shy and do not openly discuss their problem.

7.Resources required

Teachers plays important role in student-guardian schemes.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Response:

Former president of India, Bharatratna Dr. A.P.J. Abdul Kalam had announced the vision for 2020 for India. Also the aim of Rashtrapita Mahatma Gandhiji was to develop the nation through villages as a majority of our youth is from Rural India. Our country is still on the path of Progress and Development.

With that vision in mind, Jaihind Comprehensive Educational Institute (JCEI) was established in 1996. The JCEI started with "Institute of Technology" (Polytechnic) in 1997 and the "Jaihind College of Engineering" was set up in 2010. The aim of JCEI's sanstha is to provide Quality Technical Education to the students from Rural and Tribal area. The JCEI's institutes have their strong vision for social transformation and up-liftment of rural masses through Technical Education.

Jaihind College of Engineering affiliated to Savitribai Phule Pune University (SPPU) and provides technical education in various streams of Engineering such as Civil, Computer, Electronics and Telecommunication as well as Mechanical. The number of students admitted to JCEI's institutes is generally from Rural and Tribal area. They are not able to afford Higher Technical Education in Urban Cities due to financial issues. Most of these students undergo education up to 10th standard which is available from schools set up and run by the State in Rural areas. The JCEI's objective is to develop such students so as to excel in academics and be at par with those from Urban areas.

Our Institutes are the first to have been certified by ISO 9001:2015 QMS standard and ISO 14001:2004 EMS standard in North Pune region. Institute provides ideal environment focused on education. The pleasant atmosphere with lush green surroundings forms the right education ambiance. The institute is setting up higher benchmarks from time to time for ensuring the excellence of students in education. Recently four students of our institute were rank holders in the university examination conducted by University. Our alumni are already holding prestigious positions in many reputed Industrial and Civil Services Establishments.

Institute always tries to uplift the admitted students and provides best of facilities to make them skillful and full confidence to face and make their future bright as sunshine.

File Description	Document
Any additional information	[View Document]()
Link for Additional Information	[View Document]()

5. CONCLUSION

Additional Information :

Institute is committed to provide higher technical education to the rural and tribal community students to make their socio-economic development. To achieve this vision of institute, well defined quality policies are established and followed. The teaching faculties strive hard to impart knowledge to the students to make them competent and industry ready engineers ultimately developing the institute as a center of excellence. Due care is being taken by each and every entity at the institute towards achieving the goals laid down by the institute. The existing laboratories in the departments are timely upgraded keeping in mind the revised syllabus as and when implemented by Savitribai Phule Pune University. The institute has conductive environment and enormous learning opportunities for all the candidates to be tomorrow's nation builders.

Concluding Remarks :

The basic aim of the Founder Chairman was to provide facilities to the students of the rural and tribal areas / communities who were not able to afford higher technical education provided in the metropolitan cities. Since these students were not financially sound to avail technical education in metropolitan cities and the other factor like the parents were not willing to send their daughters in cities due to far from home.

Institute has encouraged faculties and students for direct involvement in the academic and administrative activities. Innovative teaching-learning methods are in use effectively in class room as well as laboratories. Students are also involved in the research oriented projects in collaboration with imminent institutes and organizations. These practices are reflected as the academic excellence and skill development of the students.

This institute playing major role in this locality and a large number of students were able to get technical education through this institution, who has never thought they would someday be an Engineer and work for the nation building.

Institute is pleasant to present this Self Study Report (SSR) to the National Assessment and Accreditation Council, Bengaluru.