Institutional Accreditation
Self Study Report

Submitted to

National Assessment and Accreditation Council
(NAAC)

P.O. Box No. 1075, Agarbhavi
Bangalore - 560072

By

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SELF STUDY REPORT

FOR

1ˢᵗ CYCLE OF ACCREDITATION

JAWAHAR EDUCATION SOCIETY'S, INSTITUTE OF TECHNOLOGY,MANAGEMENT AND RESEARCH, NASHIK

SURVEY NO. 48, NEAR GANGAPUR DAM, GANGAPUR ROAD, GOVARDHAN
422222
www.jitnashik.edu.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

August 2022

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Jawahar Education Society's, Institute of Technology, Management & Research, Nashik was established in 2012. The Institute is approved by AICTE, New Delhi Government of Maharashtra and is affiliated to Savitribai Phule Pune University (SPPU), Pune. The Institute offers Undergraduate programmes (Bachelor of Engineering, BE) in Computer, Mechanical, Civil and Electrical.

The institute has developed and maintained infrastructure including instructional and administrative facilities like, Classrooms, Laboratories, Library, administrative office etc. The institute also provide the amenities like Cafeteria, sports facilities (indoor and outdoor) etc. Institute has a open air auditorium with a seating capacity of about 700 and ICT enabled two seminar halls.

The College practices a well-structured system of mentoring to provide proper guidance to the students in not only choosing the right career path but also to help them to become confident and emotionally secure individuals.

The College is committed to making students conscious of their social responsibility through outreach programmes organized by NSS, SDO etc. to enhance students' social awareness and sensitivity towards the upliftment of the underprivileged sections of the society

Institute has a well-stocked Central Library having collection of Books, National and International Journals, Project, Dissertations, Audio-Video Material, e-resources, and rare book collection. Library is fully automated using commercial software.

Vision

To provide quality education and training to produce the competent engineers and researchers.

Mission

• To impart knowledge and skill-based education in collaboration with Industry, Academia and Research Organization.

• To undertake collaborative environment friendly projects to bring Environment Consciousness.

• To implement the advanced technology to benefit the society.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

Strengths:

1. Approved by AICTE, DTE, Govt. of Maharashtra & affiliated to Savitribai Phule Pune University.
2. Received Grants for SEMINARS/FDP under QIP programme of SPPU
3. Rich legacy of the parent organization "Jawahar Education Society" in the field of education.
4. ERP system for effective administration, data analysis.
5. Faculties and scholar from prestigious Institutes are invited as a resource person in conferences workshops and FDP.
6. Participation of students in social curricular and co-curricular activities.
7. Institute has collaboration with various industries for internship and sponsored projects for industry exposure.
8. Transparent and proactive management represented by persons from industry, field of social services and education.
9. Strong association with industries such as ………
10. Good association with various NGOs such as Rajmudra cultural, Art and Sports Mandal, Nashik blood Bank for extension activities.
11. Adequate and well-maintained infrastructure for academics.
12. Good academic environment created by dedicated faculties.
13. Enough placement opportunities from different companies to our students through Pooled campus at Pune, Mumbai and Nashik .
14. In-house Certified courses exclusively for students

Institutional Weakness

Weakness:

1. Inadequate number of Ph. D. qualified faculty.
2. Lesser involvement of faculty in consultancy & Interdisciplinary Research work.
3. Participation of alumni in overall development of college is inadequate.
4. Revenue generation is insufficient

Institutional Opportunity

Opportunity:

1. To emerge as a role model in the field of engineering education by adapting best pedagogic practices.
2. To encourage faculties for pursuing Ph. D. from reputed university/ Institutes.
3. Involvement of industries in students' projects, internship.
4. Improvement in entrepreneurship activities with the help of industries and government organizations.
5. To enhance the technical activities in association with professional societies

Institutional Challenge

Challenges:

1. Seek research grants from funding agencies.
2. Faculty and student exchange program with renowned institutes and industries.
3. To increase number of patents and translation of technology into product.
4. To increase number of quality publications.
5. Improve alumni participation in institute development activities.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Institute is affiliated to Savitribai Phule Pune University; it follows the curriculum designed and published by university. The syllabus is dynamic and is constantly revamped to keep pace with the rapid developments in various fields of study, scientific and technological advancements, and to meet the demands of academia, industry, and society. Syllabus revision process is carried out periodically by the university and our faculties are actively participating in this process. At institute level, academic calendar is prepared with reference to university guidelines. IQAC and Academic Monitoring Committee (AMC) oversees the institute's overall academic activities also provides feedback to the principal. Co-curricular and extracurricular activities are scheduled in the academic calendar. All faculty members prepare their teaching plan meticulously for effective delivery of content in the classroom and laboratory.

The institute plans activities like value added courses, seminars, training sessions, industrial visits, workshops, internship activity for curriculum enrichment. It helps in mapping of the course outcomes. To achieve academic flexibility, department offers different electives to opt in the third and final year engineering. The institute plans curricular and extracurricular activities for overall development of students also make them aware for environment safety and sustainability.

Feedback from all types of stakeholders is taken and are helpful for curriculum enrichment, needs of industry, society, and faculty improvements.

Teaching-learning and Evaluation

Institute follows the admission process as per the guidelines given by the Government of Maharashtra, State Common Entrance Test Cell, and the Directorate of Technical Education (DTE), through the Centralized Admission Process.

Every year college prepares academic calendar in accordance with the university academic calendar and strictly adheres to it. College takes every effort to impart quality education using various ICT tools for concept clearing and uses feedback mechanism to create conducive learning atmosphere.

Course and Program Objectives and their method of attainment are explained to students at the start of session. The institute follows Program Educational Objectives (PEOs) and Program Outcomes (POs) and are properly conveyed to the students. The COS and Pos are mapped for finding out the attainment level of respective subject. The individual subject's course outcomes attainment is evaluated to know understanding level.

Student's performance is evaluated through various assignments, quizzes, laboratory experiments, project presentations, Viva, class tests and University examinations. The internal performance evaluation is caried out transparently. The academic activities are executed by qualified and experienced faculties. Remedial classes are arranged for slow learners after regular college hours. The Tutor-Mentor scheme helps the students in solving their academics as well as personal problems and motivates them to achieve their goals. The performance of students is communicated and discussed with parents for further improvements.

To address the participative and experiential learning, field trips, intern ships, industry sponsored projects, hands on trainings, in-house maintenance activity etc. Students participate in smart India Hackathon to solve real time issues.

Resource persons from prestigious Institutes/ companies are invited for expert talk, workshops to get acquainted with recent developments. Faculties are encouraged to go for doctoral program.

Research, Innovations and Extension

The institute is inclined to nurture the atmosphere for the research and development and for the extension and collaborative activities. The infrastructure of college possesses well equipped laboratory facilities, library with good number of books and journal subscription to promote the research among the faculty members and students.

To promote the research activities, different workshops/seminars, and expert lectures by imminent person from academia and industry are organized. Research papers have been published by the few faculties in peer reviewed journals from the past five years. For simulation and analysis purpose software like MATLAB, ANSYS, STAAD PRO, AUTOCAD etc are also available in the institute. Each department try to establish the dialog with industry for their valuable inputs to bridge the gap between institute and industry. Faculty members regularly interact with the students on upcoming and recent technologies. Institute has signed Several MOUs are signed with industries/institutions for training , internship and sponsored projects.

The faculties and students are motivated to attend and present research papers in the national/ international conferences, workshops, seminars etc. by providing them with financial assistance. They are also encouraged to publish their research article in peer reviewed reputed journals.

The NSS unit actively participates in National Programs such as Swaccha Bharat Abhiyan, Blood Donation Camps, Tree plantation, Beti Bachao Beti Padhao and many more. This has an impact to develop technically and academically sound professionals having strong work ethics and good human being.

Infrastructure and Learning Resources

Institute meets the infrastructure requirement as per AICTE norms. Institute has well-furnished classrooms, laboratories, seminar halls, library, reading room, common rooms, administrative office, well equipped computer labs, canteen, play grounds, gymnasium etc. Classrooms are aided with projector facilities for delivering seminars or presentations.

Institute provides the safe and secure environment. The institute has a lush green campus spread over 10 acres. Institute has a well-stocked Central Library having collection of Books, National and International Journals, Project, Dissertations, Audio-Video Material, e-resources, and rare book collection. Library is fully automated using commercial software.

The campus has high speed AIRTEL broad-band, Internet leased lines and Wi-Fi facility. All the computers in the campus are connected through LAN. The computer laboratories are well equipped with latest desktops and required licensed software.

Internet facilities are provided in the classrooms and laboratories for effective learning, classrooms are with LCD projector facility. Seminar halls with ICT facilities can be utilized by the departments for conducting expert lectures and presentations. Teaching-learning is enriched by providing resources such as NPTEL.

125 KVA generator power backup is available for the campus to ensure hassle-free conduction of teaching-learning activities.

Student Support and Progression

Institute regularly aspires for excellent mechanism in support and progression of students in holistic way. Regular interaction between students and Principal, the Heads of department, faculty mentors help to identify and understand student progress and problems. The institute has facilitating mechanisms like Student section, Placement cell, student grievance committee and Anti-ragging committee to support students.

The college provides support to the socially and financially weak students belongs to all categories and the differently abled students in the admission adhering to government norms. Students receives scholarship from State / Central Governments. Institute has started providing financial support to needy students as institutional scholarships from last five years & almost more than 315 students are benefited. The medical support through health insurance is provided.

Institute organizes different career guidance program also they are encouraged to appear in different competitive examinations viz. GATE, IELTS, TOFEL, Central, State government and Defense services like UPSC, MPPSC, IBPS and CAT to enhance their employment prospects and higher studies.

The value-added activities like, Soft Skill development, Expert Lectures, online courses, Industrial Visit, and project competition are conducted for capacity building and skill enhancement.

The institute organizes various cultural programs to celebrate the cultural diversity. Students from various regional and cultural backgrounds participate in such programs and present their regional or cultural folk songs and dances. Institute conducts a weeklong cultural and sport event called JITotsav. Students actively

participate in various extra-curricular activities and sports activities.

The institute has registered alumni association in the name of "Alumni Association Jawahar Education Society's, Institute of Management and Research, Nashik". The Alumnae are the brand ambassador and a strong support to the institution.

Governance, Leadership and Management

The vision of the Institute is to provide quality education and training to produce the competent engineers and researchers. To achieve this; the mission of the institute is well articulated. The Principal is the Head of the institution. He is assisted by the Registrar, college Examination officer and Heads of department in all academic and administrative matters. A culture of participatory management is practiced at all levels. Both the top down and bottom-up approaches are used to effectively implement policies. At the department level, suggestions from all the faculty are considered for teaching-learning, and evaluation process as well as in general administration. Student representatives play a role in managing the departmental associations.

The IQAC is constituted as per the NAAC guidelines with the Principal as the Chairperson. The prime task of the IQAC is to develop a system for conscious, consistent, and catalytic improvement in the performance of the institution. IQAC plays a proactive role in reviewing the status and evolves programmes, policies, and suggestions to improve quality in teaching and research.

To build the organizational culture, Management, Principal and the team of Head of Departments takes the efforts for the overall development of the students. Strategy, plan, execution, and improvement are common methodology adopted to assure the overall growth of the institution and its beneficiary students.

Decentralization, effective participative management, effective administrative setup, e-governance in administration, faculty empowerment, optimum utilization of resources and quality assurance are the common useful policies to make the institute better.

Institutional Values and Best Practices

Institute has been adhering to the idea of gender equality by giving equal consideration to the girl students with respect to their identity and personality to be expressed on equal footing. Institute is committed to educating and following the idea of gender sensitization among the students as their prime duty and part of constitutional obligation.

Appointments/deputations at various levels are done without being gender biased. All committees are composed by inclusion of men and women faculty members. Viz. Anti-Ragging Cell, Grievance Redressal Cell, etc. NSS volunteers includes girl students are actively participate and use vibrant platform to conduct awareness campaigns, lectures, rallies, and interactive sessions to address various concerns.

The students are encouraged to organize the cultural activities, commemorative days, events under the supervision of faculty in-charges. Students gather the information about contribution / achievements of great Indian personalities and share with others which motivates them in their life.

Two important national festivals, Republic Day and Independence Day are celebrated every year in the

institute. Teaching, non-teaching staff and students participate for the cause of nation. The program includes Flag Hoisting, National anthem, patriotic songs, and inspiring speeches. Besides these two national days several other national and international days are also celebrated in the institution so that students get knowledge about the great personalities in our political, social, cultural, and scientific history such as Mahatma Gandhi, Dr Babasaheb Ambedkar, Chhatrapati Shivaji Maharaj Jayanti, etc.

The college is concerned towards gender sensitization about the girl students, women staff members and always tries to provide the necessary facilities for them. Concerns regarding security and safety are addressed by the college through different means. Institute shows gender sensitivity in providing facilities such as: Safety and Security, Counselling Workshops and Common Room.

The institutional environment and energy initiatives are taken by institute time to time. Quality audits on environment and energy regularly undertaken by the Institution. Environmental promotion activities beyond the campus are also organized. The Institution has provided facilities like Barrier free environment and specially designed toilets for differently able persons. Management of the various types of degradable and non-degradable waste is planned.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	JAWAHAR EDUCATION SOCIETY'S, INSTITUTE OF TECHNOLOGY,MANAGEMENT AND RESEARCH, NASHIK
Address	Survey No. 48, Near Gangapur Dam, Gangapur Road, Govardhan
City	NASHIK
State	Maharashtra
Pin	422222
Website	www.jitnashik.edu.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Mangalkumar V. Bhatkar	0253-2970077	9819314614	0253-2970078	principaljitnashik @rediffmail.com
IQAC / CIQA coordinator	Geetanjali P. Mohole	-	9423556313	-	gpmohole@gmail. com

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular Day

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details

State	University name	Document
Maharashtra	Savitribai Phule Pune University	[View Document](#)

Details of UGC recognition		
Under Section	**Date**	**View Document**
2f of UGC		
12B of UGC		

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	[View Document](#)	25-06-2021	12	

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

Location and Area of Campus				
Campus Type	**Address**	**Location***	**Campus Area in Acres**	**Built up Area in sq.mts.**
Main campus area	Survey No. 48, Near Gangapur Dam, Gangapur Road, Govardhan	Rural	10	40468.56

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	Passed HSC or its equivalent exam with Physics and Mathematics along with one of the Chemistry or Biotechnology or Biology or Technical or Vocational subjects, Score in MHT-CET or JEE Main Paper I	English	45	0
UG	BE,Computer Engineering	48	Passed HSC or its equivalent exam with Physics and Mathematics along with one of the Chemistry or Biotechnology or Biology or Technical or Vocational subjects, Score in MHT-CET or JEE Main Paper I	English	45	28
UG	BE,Electrical Engineering	48	Passed HSC or its equivalent	English	45	0

			exam with Physics and Mathematics along with one of the Chemistry or Biotechnolo gy or Biology or Technical or Vocational subjects, Score in MHT-CET or JEE Main Paper I			
UG	BE,Mechani cal Engineering	48	Passed HSC or its equivalent exam with Physics and Mathematics along with one of the Chemistry or Biotechnolo gy or Biology or Technical or Vocational subjects, Score in MHT-CET or JEE Main Paper I	English	45	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				5				6				28
Recruited	1	0	0	1	0	0	0	0	9	7	0	16
Yet to Recruit				4				6				12
Sanctioned by the Management/Society or Other Authorized Bodies				0				0				22
Recruited	0	0	0	0	0	0	0	0	14	8	0	22
Yet to Recruit				0				0				0

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				24
Recruited	0	0	0	0
Yet to Recruit				24
Sanctioned by the Management/Society or Other Authorized Bodies				24
Recruited	24	0	0	24
Yet to Recruit				0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				14
Recruited	0	0	0	0
Yet to Recruit				14
Sanctioned by the Management/Society or Other Authorized Bodies				14
Recruited	13	1	0	14
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/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	1	0	0	0	0	0	0	0	0	1
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	9	6	0	15
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	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	1	3	0	14	6	0	24
UG	0	0	0	0	0	0	0	0	0	0

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

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	**Male**	**Female**	**Others**	**Total**
	1	2	0	3

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

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	448	8	0	0	456
	Female	142	3	0	0	145
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Category		**Year 1**	**Year 2**	**Year 3**	**Year 4**
SC	Male	15	9	11	12
	Female	6	4	1	5
	Others	0	0	0	0
ST	Male	8	4	2	4
	Female	2	2	3	2
	Others	0	0	0	0
OBC	Male	38	53	61	106
	Female	18	17	9	32
	Others	0	0	0	0
General	Male	30	34	43	68
	Female	8	14	10	24
	Others	0	0	0	0
Others	Male	14	19	6	27
	Female	9	2	2	8
	Others	0	0	0	0
Total		148	158	148	288

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	The institute have constituted committees to develop a policy at the institute and departmental level for effective implementation of NEP-2020 on different fronts e.g. offering multidisciplinary courses, skill

	development programs etc. The committees will identify the courses in a program (discipline-wise) that shall be offered in a multidisciplinary way which highlights the diverse perspectives that different disciplines. The core committee will focus on framing the schedule/Timetable for multidisciplinary courses based on existing curriculum all the departments. The multidisciplinary courses may be conducted after college hours or on weekends to avoid clashes in class timings. It will also facilitate the optimal utilization of human resources and infrastructure available on the campus. The interested students shall be informed about the courses available for multidisciplinary education so that they can decide in advance what subjects/courses in which discipline. In this way, aspirants will opt for the subjects of their choice without any confusion.
2. Academic bank of credits (ABC):	The students will be made acquainted to this concept and will be encouraged to opt the courses include online and distance mode courses offered by the government and institutes. e.g. NPTEL, SWAYAM, V-LAB certified courses. The students will benefit with all academic credits earned by them. The committees will also identify the courses in a program (discipline-wise) that shall be suggested for additional credits
3. Skill development:	The technological advances of the last few decades have transformed every aspect of the working landscape, leading to substantial changes in skill expectations from employers. The skill gap impacts the employability in every sector, we must make the training and development of our workforce to arrange/start the different basic skill-based courses to improve the employability of the students. In our institute, training department will offer the required skill development programs as expected.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	India is a country with languages changing every 15-20 km according to the native communication style. Promotion of interdisciplinary research on all aspects of Indian Knowledge Systems (IKL), preserve and disseminate IKL for further research and societal applications has been initiated by government. NEP envisages that technical education shall be imparted in Indian Languages also. AICTE has already initiated steps and granted approval for conducting technical courses in Indian Languages at

	Diploma/Degree level. Institute will adopt the vision of NEP regarding flexibility, multidisciplinary and innovation in true spirit. Institute believes in good infrastructure and enrollment of students only cannot ensure quality technical education unless focused attention is given on quality teaching learning. Institute is ready to help to create and scrutinize a database of individuals and organizations who have contributed by way of Research, Teaching, Publication and Preservation ranging from art, music, dance, drama, science, technology, life sciences, etc
5. Focus on Outcome based education (OBE):	The institute will encourage the faculties from to participate in curriculum development at university level to ensure the restructuring of curriculum, assessment, and reporting practices in education to reflect the achievement of high order learning and understanding rather than the accumulation of course credits. On completion of their studies, required skill sets will be acquired through different activities in or outside the classroom to helps students achieve the outcomes.
6. Distance education/online education:	The students will be informed and encouraged to study the selected certified courses through online and distance mode offered by the government and institutes. e.g. NPTEL, SWAYAM, V-LAB . The committees will also identify the courses in a program (discipline-wise) that shall be suggested for additional knowledge

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
601	669	505	622	737

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

2 Teachers

2.1

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

Response: 102

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

2.2

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

2021-22	2020-21	2019-20	2018-19	2017-18
39	41	54	68	78

3 Institution

3.1

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

2021-22	2020-21	2019-20	2018-19	2017-18
118.88	60.99	50.12	41.02	39.16

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

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

Response:

The institute is affiliated to the Savitribai Phule Pune University (SPPU), Pune. The Institute follows the curriculum and academic calendar published by SPPU.

- In addition to IQAC, College Development Committee (CDC) and Academic Monitoring Committee are constituted. The IQAC oversees the Institute's overall academic requirements and execution. The Principal holds the meeting with heads of department to discuss planning and delivery of academic activities for the coming academic year. Subsequently respective head of department also schedule departmental meeting.
- At institute level, academic coordinator prepares academic calendar with reference to university guidelines. On approval of the Principal, it is forwarded to all the Heads of the Department (HOD) and faculties.
- With reference to academic calendar of the institute, departmental academic calendar is prepared.
- Departmental Academic Calendar is also displayed on respective notice board.
- Students are made acquainted about the objectives of all specified elective subjects and subsequently their choices are taken well in advance.
- The workload distribution is done based on teacher's choices and skill levels. Every subject teacher prepares teaching plan. Additional responsibilities are also shouldered to faculty member such as tutor-mentor I/C, project coordinator, seminar coordinator, time table coordinator, class test coordinator etc.
- Timetable In-charge and department coordinators prepares master timetable at institute level.
- Each faculty prepares a course file which includes class notes, PowerPoint handouts, links to pertinent animations and videos, assignments, a question bank, and associated learning materials with a CO-PO-PSO mapping.
- The schedule of all types of examinations is posted on the notice board.
- Academic Monitoring Committee monitors all the academic activities which includes, review of syllabus coverage, overall teaching learning process, student's feedback and corrective measures are taken.
- Assignments, class tests "(descriptive or MCQs) are also conducted to know the level of understanding of the subject taught to the students.
- Extra classes are scheduled and counseling is provided to underperforming students.
- The monthly status of attendance of the student is displayed on notice board and communicated to the students and their parents.
- Awareness of value-added activities like, Soft Skill development, Expert Lectures, online courses, NPTEL courses is conducted for curricular enrichment.
- Every department plans and conducts curricular and co-curricular activities as Experts talks, Industrial Visit and project competition to provide the exposure to recent trends in technologies.
- Students are also encouraged to participate in various technical/ social /cultural activities.

- At institute level also various activities are undertaken as social events, cultural event, environment related events etc.

- Continuous assessment includes Practical performance, Projects evaluation, Seminars presentations, Unit test performance, and Assignment evaluation is being continuously monitored by the department. Academic Monitoring Committee reviews the teaching learning process as per the academic plan. Based on these heads a detailed internal assessment sheet has been prepared.
- On revision of curriculum, subject teachers are encouraged to attend Short Term Training Program (STTP), FDP, workshop, seminars conducted by the University/Institute.
- Institute has feedback mechanism to collect the inputs from various stakeholders about academic performance and infrastructure.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

1.2 Academic Flexibility

1.2.1 Number of Add on /Certificate/Value added programs offered during the last five years

Response: 307

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

1.2.2 Percentage of students enrolled in Certificate/ Add-on/Value added programs as against the total number of students during the last five years

Response: 59.51

1.2.2.1 **Number of students enrolled in subject related Certificate/ Add-on/Value added programs year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
92	178	262	526	807

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

1.3 Curriculum Enrichment

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

Response:

The institute is affiliated to Savitribai Phule Pune University (SPPU). Institute follows periodically updated curriculum published by the SPPU. University curriculum integrates cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics. The curriculum lays the foundation for sensitising young minds about these issues. Institute also address these cross-cutting issues through different activities like seminars, workshops, technical festivals.

Gender, Human Values and Professional Ethics:

The current curriculum of the affiliating university has number of mandatory/audit courses which addresses above issues. (e.g. humanities and social sciences, industrial management and entrepreneurship, soft skills, Business ethics, International Business, Renewable Energy Sources etc.) Course objectives and course outcomes (COs) are specified in the syllabus of each course. Students will be able to understand the importance of ethics and values in their personal, social & professional life after studying these courses.

Gender sensitization: Institute has organized expert sessions/event on the issues of gender, human values, and professional ethics. e.g. Expert lecture on "Mahila Arogya- Do and Don't " by Dr. Dipali Desale Sawant , Expert talk on "Nirbhay Kanya" by Dr. Varsha Dharne and Expert guidance on "Sexual harassment at workplace" was delivered by Mrs. Gitanjali Mohole.

The students of electrical engineering have undertaken interdisciplinary project on **"Women's Safety by Using Sensors and Internet of Things (IOT)".** Computer Engineering students have undertaken project on problems of cyber-crimes, online crimes, cyber-attacks, and securities.

In addition, different events are being conducted by departmental Students' Association like Vidyut, Dahihandi, Biycle-rally, Shiv-Rajbhishek, helping hand to school students and internships. These activities encompass component of professional ethics required for employability, research, and social needs amongst students.

College celebrates days of National and International importance as Republic Day, Women's day, Independence Day, Teacher`s day, International Yoga Day etc. These celebrations nurture the moral, ethical, and social values in the students.

Environment and Sustainability:

The courses like environmental engineering, air pollution and control, disaster management and energy

audit management are related to ecosystem, its balance & sustainability is an integral part of the curriculum. University has prescribed such courses for creating awareness and developing importance of environment among students.

College celebrates Earth day, and Environment day. The college organizes workshop/ seminars on Environment & Sustainability to make students aware about efficient use of natural resources.

NSS organizes various activities related to Environment and Sustainability like Swachha Bharat Abhiyan, Tree Plantation, Kite- festival, Blood Donation Camps etc.

To address this issue various projects are carried out by students from different departments. Civil Engineering students have undertaken interdisciplinary projects on **Amphibious flood protecting house for river side area.**

The curriculum of Electrical Engineering deals with use of renewable electrical energy efficiently & environmental impact of electric installations. Mechanical engineering students deals with problem based on environment and sustainability by undertaking project on **"Solar Operated Car Cabin with Heat Dissipation System"**. Every year, an annual national level project competition ProJIT has been organised by the institute where all the students come across the variety of interdisciplinary projects which addresses this issue.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

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

Response: 75.04

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

Response: 451

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

1.4 Feedback System

1.4.1 Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website (Yes or No)

Response: Yes

File Description	Document
Upload supporting document	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Enrolment percentage

Response: 42.59

2.1.1.1 **Number of students admitted year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
181	148	158	148	288

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

2021-22	2020-21	2019-20	2018-19	2017-18
373	342	388	536	528

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

2.1.2 Percentage of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (Exclusive of supernumerary seats)

Response: 54.99

2.1.2.1 *Number of actual students admitted from the reserved categories year - wise during the last five years*

2021-22	2020-21	2019-20	2018-19	2017-18
120	109	105	92	186

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

2021-22	2020-21	2019-20	2018-19	2017-18
203	183	203	273	251

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

2.2 Student Teacher Ratio

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

Response: 15.41

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 using ICT tools

Response:

As experimental and participative learning increases the overall understanding of the subject and its application. Institute focuses and encourages the same during the process of teaching and learning instead of following traditional teaching methods.

Various students centric teaching learning methodologies adopted in the departments are:

Problem solving

It is a student- centered approach in which students learn about a subject by working in groups to solve an open-ended problem Also, Real Time Problems are identified and solved though the innovative way. Students examine and define the problem given and explore the possibilities to solve it by using their knowledge and relevant information and tools available.

For Example :

- Water Quality Assessment of Nashik during Kumbha Mela and 3D map of Nashik which were active participation by students and staff of the institute. This method motivated students to develop their learning skills.
- One of our faculty has prepared the subject lab manual in the form of simulations. Also, in the interest of enhancing the various skills like handling challenges, time management etc. Institute /Department organises the Project Competitions, technical events etc.
- In Smart India Hackathon student work on theme based under innovation to solve real time

problem,

Experiential learning

It's a Reflective approach ie learning through experimentation or implementation in which students and faculties invest their time to investigate, experiment, practice and understand the applications of the subject to get more knowledge and skills. Experiential learning is an engaged learning process whereby students "learn by doing" activities can include but are not limited to

- **Hands-on laboratory experiments,**
- **Internships,**
- **Field exercises,**
- **Students with the help of faculty identify the problem and analyse and implement the solution**.

For Example:

- In a subject named "Network Analysis", faculties along with the **students developed in-house practical kits** .
- **As a best practice of institute students help for maintenance in every department and learn through experience.**

Participative Learning :

- Students are motivated to take part in projects, Seminar, Model competition, National level competition like SIH , University level like i2e, State level projects competitions etc.

Every department arrange programs for learners to participate in different activities and learn on their own like

- **Workshops,**
- **Seminars,**
- **Study tours**
- **Social Activities**

To facilitate participative learning which an aspect of experiential learning that is can be well supported with ICT technology.

- Various forms of collaboration such as shared online courses like NPTEL/ SWAYAM / internships support work that is ongoing and less time sensitive.
- Videos and animations for different technical concepts are made available to make more interactive lectures.
- By conducting tutorials, the students will have better understanding of the course.
- Assignments, mini projects on advanced topics in every course are given which make the students to acquire the self-learning capabilities.
- Occasionally online quiz, group discussions are conducted for advanced topics in various courses
- Faculties had prepare Blog, YouTube channel, created Google Classroom for support work in teaching learning process..

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

2.4 Teacher Profile and Quality

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

Response: 100

2.4.1.1 **Number of Sanctioned posts / required positions for teaching staff/ full time teachers year wise during the last five years:**

2021-22	2020-21	2019-20	2018-19	2017-18
39	41	54	68	78

File Description	Document
Upload supporting document	[View Document](#)

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

Response: 5

2.4.2.1 **Number of full time teachers with NET/SET/SLET/Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
2	2	3	4	3

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

2.5 Evaluation Process and Reforms

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

Response:

The primary focus of the institution is on strengthening **teaching-learning** process through continuous evaluation. Students who are admitted for the concerned course are assessed continuously through various evaluation processes at institute and University level. Orientation program at department level is organised for newly admitted students and are made aware of university examinations patterns, internal and external assessment parameters, and procedures.

Mechanism of internal assessment: The college has transparent and robust internal assessment process. To ensure transparency in internal assessment, the system of internal assessment is communicated with the students well in time. The Principal and IQAC coordinator hold meetings of the faculties and directs them to ensure effective implementation of the evaluation process.

Continuous evaluation is made through:

- Unit Tests,
- Assignments Submission,
- Field Visit / Field Work,
- Practical performance and submission
- Seminars Presentation and
- Attendance

For transparent and robust for internal assessment, the following mechanisms are followed:

- Unit tests are conducted regularly as per the schedule given in academic calendar.
- For proper conduction of unit test invigilators are assigned
- Evaluation of answer sheet is done by concern subject faculty member with in three working days.
- The performance of the students is displayed on the Notice board and communicated to the students.
- Personal guidance is given to the poor performing the students after their assessment.
- Students appearing for third/fourth year are asked to deliver the seminars on given topics.
- Students are asked to write and submit the report of field visit, assignments.
- For lab course, every experiment is graded based on performance and timely submission.

The method of internal assessment helps the teachers to evaluate the students more appropriately. Due to internal assessment, the interest of the student towards learning and attending the classes has been also increased. The seminar presentation improves the communication skills of the students which is very essential to face the interviews.

Grievance redressal system (Internal Assessment): Grievances handling mechanism is completely transparent.

- The students may raise the grievances related to their internal assessment and are resolved in

stipulated time frame with justified explanation by subject teacher.

- Attendance record is prepared well in advance and related grievances are resolved for medical reasons/emergency.

Mechanism of External assessment:

- The process of conduction of university examination, assessment and revaluation of answer sheets is governed by the affiliating University.
- For complete transparency, university assigns an external supervisor from other college to monitor the conduction of examination process.
- University appoints an external examiner for practical and oral examinations.
- University decision or information about correction in question paper is intimated immediately to the students during the examination through the internal/external supervisor.

Grievance redressal system (External Assessment):

- On declaration of university examination result, students may raise their grievances related to evaluation of university answer papers.
- Their result may be challenged by applying for re-evaluation. This process is a time-bound process carried out within the same semester to get updated result.
- Any grievances related to university question paper like out of syllabus, repeated questions, etc. are addressed to the College Examination Officer (CEO) and the same reported to the university immediately.
- The other type of grievances is communicated to the university through the Principal / CEO and keep follow-up for effective redressal

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

2.6 Student Performance and Learning Outcomes

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

Response:

The institute has followed the curriculum designed and published by affiliated university and adopted Outcome Based Education (OBE).The Programme outcomes (PO), Programme specific Outcomes (PSO) and Course Outcomes(CO) are evaluated by the institution to measure the knowledge, skills, and behavior of students for the continuous quality improvement.

The POs, PSOs are displayed on notice board of each department also uploaded on institute's website. COs are mentioned by the affiliated university in the curriculum of respective department.

Tools used for computing CO attainment:

The Direct Assessment

Tools for Internal Assessment (Weightage = 20%):

Tools used: MCQ test/ Mock Insem test (Unit Test 1) / End semester MCQ test (Unit Test 2) / Presentation / Mini Projects / Reports / Seminar / Assignment / Experiment / Oral etc.

External (University Examination) Assessment (Weightage = 80%)

- 80% student's score is more than set target;
- 70% student's score is more than set target;
- 60% student's score is more than set target.

Internal and External Assessment Examinations for CO Attainment of most courses,as per attainment levels mentioned in Table 3.1 in addtional information. However, they may vary for several other courses with a proper justification.

Internal Assessment Examination I : Two internal tests for students viz. Mock-InSem (evaluated for 30 Marks : 15 Marks MCQ and 15 Marks Descriptive or 30 marks MCQ, Assignments),

Internal Assessment Examination II (evaluated for 30 Marks : entirely MCQ based) data collection of test marks

Format given in Figure 2.1 in additional information.

For the CO Attainment evaluation, the subject in-charge selects the target in terms of average results of the previous years.

1. Estimation of Attainment in terms of the actual percentage of students getting the target percentage of marks.
2. The accomplishment of targets reveals the attainment of all the course outcomes for that year.
3. Evaluation and Analysis of the CO attainment are done by the faculty using the Semi-Automated format prepared by the Institute Academic Coordinator of the institute as depicted in Table 3.2 in additional information
4. The program sets up an action plan to attain the target in subsequent years if found not matching it.

- **Indirect Assessment: Course Exit Survey**

PO/PSO Attainment :

- CO attainment calculated for every course contributes to the PO/PSO attainment. The PO/PSO attainment for the course is determined by using the predefined CO-PO/PSO matrix. The value of Final CO Attainment for that course is measured as follows :

PO/PSO attainment = Avg, of CO's of a PO(/PSO) /3 X Final CO attainment for   the course

- The direct attainment level of a PO/PSO is then further assessed by taking the average of all the courses addressing that PO/PSO.

- The indirect attainment level of PO/PSO is assessed based on the Course Exit Survey,

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

2.6.2 Pass percentage of Students during last five years

Response: 82.98

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

2021-22	2020-21	2019-20	2018-19	2017-18
183	265	236	132	120

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

2021-22	2020-21	2019-20	2018-19	2017-18
237	274	245	212	160

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.45

File Description	Document
Upload database of all students on roll	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

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

Response: 0

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

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

File Description	Document
Institutional data in the prescribed format	[View Document](#)

3.2 Innovation Ecosystem

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

Response:

The institution has set up an innovation cell which mainly functions for promoting research activities of student and faculties. The main objective of this cell is promoting new ideas, innovations and entrepreneurial culture among the faculties and students of the institute to convert their innovative ideas/problems to tech-solution with a feasible business model stage. It helps to nurture the students' ideas and encourage them to bring up business proposals. Here the student gets technical guidance, mentoring, working space and existing institute -industry linkages for teamwork.

Learning is a continuous process and there are always possibilities for improvement in the existing system around us. Using the facilities of workshops, laboratories, library including journals, e-resources, internet and intranet facilities and research facilities are available in the institute.

Innovative ideas could be translated into reality or existing systems could be improved upon. Innovation Cell assists students and encourages young innovating minds by providing them a perfect platform for showcasing their idea. Innovation Cell also is motivating to work together as teams and participate in various competitions.

Institute is also enriched with various major equipments like, spectrum analyzer, Power quality analyzer, digital storage oscilloscope, CRO etc. It helps the students to test the designed experimental setups and provides all kind of support required for their start up.

Institute has purchased software like MATLAB, ANSYS and using open source softwares like STAAD.Pro, AUTOCAD etc. These are useful for simulation purpose and analytical purpose.

Some of the projects simulated with these softwares are:

1. SLAT Conveyor for Material Handling.
2. Demand Response Based Congestion Management of Power System With Uncertain Renewable Resources.
3. Study of Floods and Flood Protection System in Maharashtra: Analysis of Flood Preventing Water Tank Using STAAD.Pro Software

While project selection, students are encouraged to select the project under industry-sponsorship category. To promote the research activities and entrepreneurship, different workshops/seminars and expert lectures by imminent personality from academia and industry are undertaken. Each department try to establish the dialog with industry for their valuable inputs to bridge the gap between institute and industry.

Some of the innovative projects are:

1. Covid-19 Detection System Using Machine Learning
2. Design and Development of Roll Cage
3. Road Accident Prediction in Nashik City
4. Energy Meter Monitoring and Control Through PLCC

To Design and Development of Roll Cage, the institute has provided the financial assistance to the associated team members

The institute has established few collaborations with other agencies/ institutions/research bodies for sharing existing facilities which facilitate the students for their preparation. Appreciation letters/certificates are given to the students and faculties for their achievements. Concession is also given to the students in attendance for attending the events. The professional career counseling is also provided in the institute to improve the moral level of the students.

In addition to this cell, the institute takes special efforts for transfer of knowledge through various technical competitions such as ATV championship, Smart India Hackathon,CSI etc. The institute provides financial support to the students and staffs for participating in the various technical activities.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

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

Response: 17

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

2021-22	2020-21	2019-20	2018-19	2017-18
1	0	4	4	8

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

3.3 Research Publications and Awards

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

Response: 0.07

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

2021-22	2020-21	2019-20	2018-19	2017-18
2	1	2	1	1

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

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

Response: 0.05

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

2021-22	2020-21	2019-20	2018-19	2017-18
1	1	0	3	0

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

3.4 Extension Activities

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

Response:

Institute organizes several activities to establish the network for institute – neighborhood - community to sensitize the students about societal needs and try to bring out some partial social change in the surrounding urban and rural communities. The institute strengthens the sense of civic responsibility and actively involves students in community service activities leading to their holistic development.

To Impact and sensitize the student to social issue and holistic development and to make aware about social responsibility by their actual involvement, the institute plans and organizes the number of activities under different banners.

To develop the sense of responsibility towards society, leadership qualities among the student different activities like, **health awareness camp, blood donation camp** are being arranged.

To understand the importance of green environment institute had organized a drive on "Save Tree – Zade Lava Zade Jagava". **Swacchata Abhiyan** is also conducted by institute to create awareness about the cleanliness among the students.

Students from computer engineering department had **contributed and distributed the stationary** amongst the underprivileged children of primary school, Gowardhan, Nashik.

 To foster nationalism, patriotism & promote national unity institute celebrated **"Ekta Diwas"** by organizing rally at college road, Nashik on the account of National Unity Day.

To make a student aware about the importance of physical & mental fitness, seminar, **Yoga sessions** were organized at college campus with collaboration with Nisarga Yogi Centre.

Digital Payment Awareness Campaign was organised for villagers to promote a cashless transaction through digital payments. Awareness sessions were conducted to explain the options available for digital payment and how safely digital payments are performed. Volunteers had explained to follow do's and don'ts for safe digital payments.

A special awareness drive for motorists honking unnecessarily on all prominent roads in the city was organized. Students had participated in **"No Honking Day"** to create the awareness about the rules and regulation of traffic and impact of sound pollution.

To create the awareness about the ill effects of addiction of alchohol, tobacco etc on health, student volunteers contacted villagers and made aware about the importance of **"Vysan Mukti-a Deaddiction Program"** under the NSS camp at Savergaon village.

A gender-selective abortion where a female fetus is illegally terminated solely based on the reason that the fetus is a girl. Student volunteers performed street play to address this sensitive issue of **"Female foeticide (Bhrun-Hatya)"** to create social awareness among the villagers.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

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

Response:

- This lifesaving care starts with one person by blood donation. Institute has organised **Blood donation camps** in collaboration with Nashik Blood Bank, Arpan Blood Bank. There were more than 100 volunteers have donated blood.
- **'Digital Payment Campaign- do's and don'ts' was conducted** for villagers at Gangavarhe, different payment channels including Debit and Credit Card, Online and Mobile Banking, Mobile Wallets were demonstrated.
- The institute has distributed ammonium bicarbonate for **eco-friendly** Ganesh Idol **immersions**. Also participated in collection and donation of Ganesh Idol to avoid river pollution.
- Women in the society are often cornered and are refrained from getting equal rights as men to health, education, decision-making and economic independence. Institute has conducted workshop on **'Gender Equity"** in association with Group Gram-panchayat Gangavarhe.
- Due to the impact of the **COVID-19 pandemic**, the institute had taken initiative to cook and distribute the food packets to meet the partial fulfilment in association with local NGO. The cooking and packaging were carried out in college canteen.
- Institute has received the green and clean campus appreciation by Nisarg Mitra Samiti, Dhule.
- Swachh Bharat Fortnight was observed in the month of October 2018, NSS volunteers, faculty members were participated in the **Premises Cleaning Program at School, Gowardhan** and pledged to take part in the cleanliness campaign.
- Education is every child's birth right, there are many poor children who do not get basic stationary for their study. Students from computer engineering had **contributed, bought, and distributed the stationary** amongst the school children at Gowardhan,
- Institute was a member organiser for Career guidance drive to nurture aspirant's future with Lokmat, a leading newspaper brand in Maharashtra.

- In association with Nashik Cyclists Foundation, a **bicycle rally** was organized to create the awareness "A fit mind rests in a fit body" on Republic Day in 2019.

Institute have received the recognitions for conduction of extension activities from recognised bodies:

Sr. No	Name of the Activity	Name of the Award/ Recognition for Institution	Name of the Awarding Government/Government Recognised Bodies	Year Awa
1	Blood Donation Camp	Appreciation Certificate	Nashik Blood Bank	201
2	Blood Donation Camp	Gratitude Certificate	Nashik Blood Bank	201
3	Blood Donation Camp	Appreciation Award	Arpan Blood Bank	201
4	Blood donation camp	Appreciation Certificate	Nashik Blood Bank	201
5	Digital Payment Campaign- do's and don'ts	Appreciation Letter	Grampanchayat, Gangavarhe	2019
6	Digital Payment Campaign- Do's and Don'ts	Appreciation Letter	Grampanchayat, Gangavarhe	201
7	Eco-friendly immersions and donation of Ganesh Idol	Appreciation Certificate	Rajmudra Sanskrutik Kala Krida Mandal, Nashik	201
8	Gender Equality Activity	Appreciation Letter	Group Grampanchayat, Gangavarhe	201
9	Initiative during COVID-19 Pandemic	Appreciation Letter	Rajmudra Sanskrutik Kala Krida Mandal, Nashik	2019
10	Green Campus	Appreciation Letter	Nisarg Mitra Samiti, Dhule	201
11	Swachh Bharat Fortnight	Appreciation Letter	Primary school , Ranmala.	201
12	Stationary Distribution	Appreciation Letter	Primary school, Govardhan	2019
13	Academic **career guidance**	Appreciation Memento	Lokmat Publication	201
14	Academic **Career Guidance**	Appreciation Memento	Lokmat Publication	201
15	Bicycle Rally	Appreciation Letter	Nashik Cyclists Foundation	2019

File Description	Document
Upload Additional information	[View Document](#)

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

Response: 9

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

2021-22	2020-21	2019-20	2018-19	2017-18
5	0	1	0	3

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

3.5 Collaboration

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

Response: 19

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 Availability of adequate infrastructure and physical facilities viz., classrooms, laboratories, ICT facilities, cultural activities, gymnasium, yoga centre etc. in the institution

Response:

Institute management ensures availability of adequate physical infrastructure considering AICTE norms. Institute has constantly endeavoured to provide quality education and ensure all round development of the students. The institute has a well-maintained infrastructure conducive to teaching learning and comprehensive development of students

The **Academic section** has spacious classrooms, tutorial rooms, laboratories. Each classroom is specious, nicely ventilated and of 76 sqm and provides promotive environment for the gratifying and conducive discussions. The faculty and students expand their presentation skills by utilising these facilities. Some of the classrooms and labs are equipped with ICT tools and other rooms are provided with mobile ICT tools for strengthening academic discourse. The campus is Wi-Fi enabled for the benefit of students and faculty.

There are total 315 computers are available on the campus and are connected to internet through LAN. The computers are in various labs and are also made available to each faculty.

All the laboratories are also quite specious and adequate. The Charts and models are displayed in laboratory for the additional understanding of the concept taught in the classroom. Software based laboratories are having computers with required installed software provides different learning experience. The laboratories are with adequate equipment, internet connectivity and projectors to support practical sessions.

Language laboratory has been set up at the time of inception of the institute in 2012. It is enriched with ETNL software for the students to improve their communication/soft skills.

Computer centre with 72 latest computers is made available as central computing facility. In addition to regular practical sessions, online mock test series is conducted in computer centre/laboratories to explore capabilities of students for better attainment in exams.

Two workshops have been designed as per the curriculum with various types sections like machines shop, fitting section, carpentry etc. Students of all the departments utilize resources of mechanical workshop for their projects.

The common facilities like seminar halls may be utilized by informing in advance. These are used for conducting guest lectures, training, and workshops.

The well-stocked Library is Wi-Fi enabled and has reading room with adequate seating capacity. Availability of good number of reference books and journals, book bank facility for needy students, access to e-resources, are the salient features of the central library.

The **Administrative section** of the institute consists of the Principal's Office, the Office with account

section, student section etc.

The institute has instant power back up for its IT infrastructure and Lab equipment in the form of UPS which ensures uninterrupted conduct of laboratory sessions.

Institute has adequate sports facilities, playgrounds for Box Cricket, Volleyball, Kabaddi etc. An amphitheatre is in use with seating capacity of 1000 for cultural activities. The cultural activities for students/staff include annual cultural festival, Kite Festival, Krishna Janmashtami (Dahi handi), Ganesh Festival and Freshers Party and Farewell Party. Indoor sports facilities like Table Tennis, Chess and Carom is also available. Institute has gymnasium with adequate training aids. Adequate space is made available for Yoga activities in campus.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

4.1.2 Percentage of expenditure, excluding salary for infrastructure augmentation during last five years (INR in Lakhs)

Response: 74

4.1.2.1 **Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
113.16071	45.12	23.01	32.01	16.21

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS), subscription to e-resources, amount spent on purchase of books, journals and per day usage of library

Response:

Institute has a well-stocked Central Library having collection of Books, National and International Journals, Project, Dissertations, Audio-Video Material, E-resources, and rare book collection. The

Integrated Library Management System (ILMS) software handles all the activities of the library including acquisition, circulation, accession, serial control, indexing and member info, etc. Library is fully automated using commercial software Soul 2.0 (Software for University Libraries 2.0) from 2017 onwards.

Mains Objectives of Library:

- To upgrade the library to make it more students and staff centric & encourage self–learning among students
- To acquire, organize, preserve, and disseminate knowledge to support the research/knowledge resources of users

Initiatives Taken By Library to Achieve Its Objectives:

- The library is enriched with collection of 10,118 volumes, 54 (National-48 /International -06) print journals.07 and newspapers.
- Handbooks are available for reference to staff & students to get benefited for GATE examination & other competitive exams.
- Issue and return of books are managed by the Library Management Software **SOUL 2.0**. Library Automation is carried out by SOUL where circulation, cataloguing and Online Public Access Catalogue (OPAC) modules are being successfully run. Barcode technology is used for generation of barcodes. The library provides LAN based internet service to the students and faculty.
- **T**he students and staff may visit SPPU (Sub-Center, Nashik) to access the available e-resources example- **(IEEE, Springer, Science Direct, Wiley Blackwell etc.).** In addition to that library has subscription to Springer e-books (1890) for students and staff.
- Library is also having the Institutional Membership of DELNET & NDL (National Digital Library) which provides various source of information such as e-book, journals, conference proceeding, video lectures etc.
- WEBOPAC (Web-based Online Public Access Catalogue) is introduced to avail the library facility at doorstep to its users. Library Resources such as printed and digital collection is accessible. All the subscribed E-Resources as well as some additional useful informative open access resources are integrated to WEBOPAC so that users get an access at one place with very less time.
- Books bank facility is available to SC and ST Students and economically weak students.
- The library has separate **Reference Section** consisting of encyclopedia, dictionaries, handbooks and CD's.
- The regular purchase of books and journals is followed by institute. Till date we have spent the amount of INR 76,93,071 towards enrichment of library.
- The books are classified according to the **Dewey Decimal Classification Scheme**.
- Institute has started NPTEL Local chapter at college level. NPTEL video lectures help students to enhance their technical concepts. Students and faculties can access these videos through LAN.
- **Current Awareness Service:** such as newspaper clippings display, Document Delivery service through e-mail such as scanning the content pages of periodicals, regular updates from library**.**
- Previous years university examination question papers, Indian standard codes and final year project reports are also kept in library for the reference purpose.

- There is good footfall in the library for accessing the library facilities.
- CCTV cameras are installed to monitor the activities in the library.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

4.3 IT Infrastructure

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

Response:

The institute is equipped with an adequate IT infrastructure including computers, software, internet connectivity etc. Various software are made available as per the requirements of different programs. The institute has internet leased line connectivity.

An **IT Infrastructure** specifically includes an advanced server, computer labs with efficient computing infrastructure on different platforms, Gigabyte LAN, Wi-Fi facilities and advanced legal system and application software, **CCTV** surveillance facilities, biometric attendance system, etc.

Institute has a very strong IT infrastructure and regularly updates, IT facilities in terms of hardware, software, and firewall system as per need. The institute has network of 315 computers with 100 Mbps internet connectivity to fulfil the academic need. Centralized firewall Cyberoam is used for network monitoring, management, and internet security. Most of the computers are equipped with antivirus software Quick heal. Institute also uses open-source operating system like Linux/Ubuntu etc. Cyber roam firewall is used to provide access and authority to users.

The institute has implemented Enterprise Resource Planning (ERP) to make the system student centric and enhance learning.

The Institute has a system-admin section to take care of required hardware and internet connectivity and Software installation and its maintenance. The section involved in planning, designing, execution of work. This section looks after the updates of its IT facilities in terms of hardware and software and installation of new devices. The renovation of the old network infrastructure is also recommended by this section.

The Institute has provided internet facility through LAN and Wi-Fi to the faculty and students. Laboratories, Administrative office, and Library are equipped with these facilities.

Central computing facility with 72 Intel core i3 computers with 100 Mbps speed Internet connectivity is made available. The institute has instant power back up for its IT infrastructure and Lab equipment in the form of UPS which ensures uninterrupted conduct of laboratory sessions.

The Institute has separate in-house maintenance system in order to support the IT infrastructure, campus facilities and equipments.

- Standalone facility: All Computers may also be used in standalone mode.
- **LAN facilit**y: LAN facility is available everywhere in the campus.
- **Wifi facilit**y: Wifi facility is provided adquate access points with data rate over 20 Mbps
- A **Cyberoam** Firewall updated to **Sophos** Firewall has been installed to protect the system Internet lease line with a bandwidth of 100 Mbps has been laid out
- There are more than 180 Computers in the institute allocated for academic purposes
- Any other: **ERP** facility is provided through IBM rack server (**IBM 7376 IVB SERVER Intel Xeon 4C ES620 (Quadcore 2.40 GHz, 2x8 GB RAM)** and with 4 x 1 TB HDD.
- High end **IBM Xenon**, Window server is available for smooth conduction of various activities such as online examinations, workshops, online competitive exams, serverbased softwares etc.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

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

Response: 3.34

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

Response: 180

File Description	Document
Upload supporting document	[View Document](#)

Other Upload Files	
1	[View Document](#)
2	[View Document](#)
3	[View Document](#)
4	[View Document](#)
5	[View Document](#)
6	[View Document](#)
7	[View Document](#)
8	[View Document](#)
9	[View Document](#)
10	[View Document](#)
11	[View Document](#)

4.4 Maintenance of Campus Infrastructure

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

Response: 13.72

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

2021-22	2020-21	2019-20	2018-19	2017-18
1.23	2.60	6.78	17.68	14.25

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Percentage of students benefited by scholarships and freeships provided by the Government and Non-Government agencies during last five years

Response: 97.67

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

2021-22	2020-21	2019-20	2018-19	2017-18
565	632	505	622	737

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.1.2 *Capacity building and skills enhancement initiatives taken by the institution include the following*

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

Response: A. All of the above

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

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

Response: 42.57

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

2021-22	2020-21	2019-20	2018-19	2017-18
109	90	112	728	295

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

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

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

Response: C. Any 2 of the above

File Description	Document
Upload supporting document	[View Document](#)

5.2 Student Progression

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

Response: 30.66

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

2021-22	2020-21	2019-20	2018-19	2017-18
59	50	72	57	49

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

2021-22	2020-21	2019-20	2018-19	2017-18
183	265	236	132	120

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.2.2 Percentage of students qualifying in state/national/ international level examinations during the last five years (eg: JAM/CLAT/GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 37.21

5.2.2.1 *Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ Judicial Services/Public Prosecution services/All India Bar Exams/State government examinations) year wise during last five years*

2021-22	2020-21	2019-20	2018-19	2017-18
5	5	9	10	3

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

2021-22	2020-21	2019-20	2018-19	2017-18
22	7	11	41	5

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.3 Student Participation and Activities

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

Response: 4

5.3.1.1 *Number of awards/medals for outstanding performance in sports/cultural activities at*

national/international level (award for a team event should be counted as one) year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	4

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

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

Response: 14.8

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

2021-22	2020-21	2019-20	2018-19	2017-18
16	0	16	17	25

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

5.4 Alumni Engagement

5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Response:

The Alumni Association provides an interface for establishing a link between the alumni, staff, and students of the institute. Alumni Association works for the overall development of students as well as the institution. It helps our institution in terms of academic planning, placements of students, career guidance and technological guidance.

The Institute has a registered Alumni Association for building strong bond between alumni and present

students. It was registered on 29th January 2018 (Registration number MH/112/NA) in the name of "Alumni Association Jawahar Education Society's, Institute of Management and Research, Nashik".

Our Alumni (JITians) Association organizes:

1. Guest lectures on various subjects and provide guidance from the experts of various fields to the students.
2. Some of our alumni are industrialists; they share their knowledge and expertise with the
3.

3. Alumni Association helps to organize educational and industrial visits for the students.

4. A significant number of our alumni are studying/working abroad, and they impart their

   experience with students.

5. Alumni Association provides information about the job opportunities available in their

   fields.

The Alumni Association Contribution through various means: -

1. Books Donation: Contribution by donating Books.

2. Alumni Interaction: Alumni of JIT give inputs to engineering graduates. They are invited as resource persons at various events, guest lectures and panel discussions. They provide inputs and share their experiences regarding skills, recent technologies & trends in corporate world, application of knowledge and corporate working culture.

3. Placement & Career Guidance Assistance: Alumni are working in organizations at various capacities. They assist and guide the students to crack the interviews. They keep the faculties and the placement officer abreast about the available job opportunities.

4. Campus recruiters: Alumni come to campus as recruiters for their companies and recommend and promote institute to their employers for campus placements.

5. Internship Opportunities: Internship is a mandatory part of the curriculum; Alumni helps to explore opportunities in various companies.

6. Entrepreneurship Awareness: Some of our Alumni have established startups in different sectors, many of them are first generation entrepreneurs. They enlighten the students with their success stories and challenges faced. Some of them decided to become entrepreneurs during their academic span at JIT.

7. Alumni Meet: We at JIT, have a tradition of inviting alumni for Alumni Meet. This is the best platform

for networking and sharing new trends and current happenings in the corporate world. These inputs are helpful to academicians for molding the aspiring students.

First alumni meet was held on 25th January 2017 for the first batch 2015-16. Due to pandemic situation, we have organized it through online mode on Google platform on 28th September 2020 and 20 July 2021 respectively.

8. Promoting Institute Events: Alumni associates with various events conducted at institute level. "ProJIT" a technical event and "JITotsav" a cultural/sports are flagship event of the institute. Alumni take active role in branding of institute.

9. Institute Social Responsibility: Our Alumni in association with institute are engaged in conducting social activities for the welfare of the society.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance and leadership is in accordance with vision and mission of the institution and it is visible in various institutional practices such as decentralization and participation in the institutional governance

Response:

Institute Vision and Mission is finalised through a process by involving the different stakeholders. The Institution has well defined organisational structure. This depicts the formal flow of Instructions, information, and movement of documents for various processes. It ensures timely completion of assignments, submission of reports to various bodies. The display of organisational structure / organogram at website exhibits the proper administrative set up and gives the proper visibility to the visiting stakeholders as to whom one should approach.

The participative management of the institute believes in decentralized leadership at every level of administration and a robust structure has been established to sustain and improve the quality of education. The Governing Body (GB) is the apex body constituted to oversee the various Institutional activities. The perspective plan for the growth and expansion of the institution, review of the progress, approval of annual budget and expenditure is encompassed by the Governing Body. The members of GB are steering the institute in a progressive path towards realizing the vision of the institute.

The management supports all the activities to facilitate the need of stakeholders for providing quality education and endorses vision. Through participative management, different committees are mainly playing significant role in effective governance such as, College Development Cell, Internal Quality Assurance Cell, Minority Cell, Internal Complaint Committee, Academic Monitoring Committee, Anti-Ragging Committee, Grievance Redressal Cell, OBC and SC/ST etc. These committees ensure the implementation of academic and administrative activities which lead to the realization of vision and mission of the institute.

Example: - The Academic monitoring Committee of the institute serves as an integral part in formulating, tracking, and guiding the overall academic activities of the institution. The committee prepares the academic calendar of the institution in line with the academic calendar of the university and oversees its implementation along with the smooth functioning of classes, examinations, and all other academic requirements.

The institute has established IQAC as per NAAC guidelines in 2017. The IQAC is a part of the institution's backbone system and works towards the realization of the goals of quality enhancement and its sustenance. The IQAC ensures the effective implementation of quality initiatives through continuous reviews and periodic meetings. The IQAC works towards attaining excellence in all academic activities and for continuous improvement in the teaching-learning process.

Development and implementation of perspective plan is done by IQAC with other approvals. The perspective plan includes activities to be carried out in the area of Teaching and Learning, Research and Development, Community and engagement, Human resource planning and development, Industry interaction and other development plans.

Industry-institute linkages are developed by signing MOUs for training, internships, and industry projects, which helps the students for their skill enhancement. Feedbacks from stakeholders are taken into consideration while setting new policies.

The institute has well defined service rules which include policies related to recruitment, increment, promotion, leave rules etc. To maintain the transparency and harmony, all faculties and staff are made aware of their roles, responsibilities, and code of conduct.

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

6.2 Strategy Development and Deployment

6.2.1 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, deployment of institutional Strategic/ perspective/development plan etc

Response:

The organization has good decentralization of authorities, and the overall improvements are closely monitored. The administrative, academic and financial policies are designed at the administrative level, however inputs for the policymaking are derived from various stakeholders namely, internal faculty, staff, students, University, Directorate of Technical Education, Alumni, Recruiters, Faculty experts from other institutes, Industries, Research Organizations, etc.

The institute practices participative management at various levels. Various positions, namely, Heads of Department, Academic coordinator, different section heads, Faculty coordinators for student activities, In-charge heads for Electrical, civil Maintenance, Security officer, Canteen In-charge, etc. are appointed and working smoothly.

The institute has constituted different committees, are mainly playing significant role in effective governance such as, College Development Cell, Internal Quality Assurance Cell, Minority Cell, Internal Complaint Committee, Academic Monitoring Committee, Anti-Ragging Committee, Grievance Redressal Cell etc. These committees meet periodically.

The institute has well defined service rules which include recruitment and promotional policies for all the teaching and non-teaching staff members. Institute follows the recruitment process of teaching faculty as prescribed by SPPU. For an effective implementation of the policies like recruitment, leave rules,

increment and promotion etc. are framed and followed.

IQAC has taken initiative to prepare the perspective plan. Perspective Plan reflects long term planning for the growth and development of the institute.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.2.2 Implementation of e-governance in areas of operation

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

Response: B. Any 3 of the above

File Description	Document
Upload supporting document	[View Document](#)

6.3 Faculty Empowerment Strategies

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

Response:

1. Welfare measures:

Institute has well defined professional endeavours and their parameters for faculty. Institute encourages staff through different means as follows:

- Enabling staff members to make use of latest technology by attending Various FDPs, workshops & seminars through providing **paid duty leaves** for the same.
- **Financial support** for up gradation of knowledge through QIP/ conferences/ Workshops/STTP/Seminars.
- **Recognition** of faculty members for achievements - felicitation of faculty members.
- **Provident Fund** is applicable as per the government rules to all the eligible staff members.
- **Gratuity** is payable to the eligible employees.
- **Yoga sessions** are organized for physical and mental well-being of the staff members.
- **Employee Credit Society:** Jawahar Education Society's A. C. Patil employee's cooperative credit society extends facilities for financial support like personal loan.

- **Women Empowerment Program**: seminars, workshops , trainings are organised which allows women to take decisions of their own, provide fair laws and rights without gender bias, etc
- **Maternity leaves** for female Teaching & Non-Teaching staff.
- **Study Leave, Medical leave**, etc. facilities are provided to all staff members
- **Transportation facilities** are provided for the staff.
- **Emergency service** is available (Ambulance ON Call)
- **Doctor on call**: This facility is available for all staff and students. Doctor is available as and when required.
- **Free Health Check-up Camps** are regularly organised for staff members
- **Medical Insurance** for Employees.

2. Performance Appraisal System

Self-appraisal is **the process where the employee reviews his / her own performance**. It is a process in which employees are given the opportunity to scrutinize their own performance and assess their own strengths and weaknesses. The performance appraisal is transparent and carried out annually. The internal promotions are usually carried out based on these reports.

Institute has well designed performance appraisal system. Performance is self-assessed and duly filled in Performance Appraisal Reports by Faculty and Staff at the end of every year. The reports are then evaluated / analysed transparently by respective HODs / Section heads and Principal. The staff is either appreciated or suggested for further improvements.

The performance appraisal evaluates parameters like:

- Academic contributions
- Professional development (Co-curricular and extracurricular)
- Details of national/ international publications.
- Research project undertaken
- Any other significant contribution, awards received etc

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

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

Response: 4.29

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

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	5	7	0

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

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

Response: 46.5

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

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	83	50	0

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

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	3	3	0

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

6.4 Financial Management and Resource Mobilization

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

Response:

1. Financial Management:

The institute follows a standard budgeting and procurement procedure, the budget includes learning resources, recurring expenses, non-recurring expenses, and creation of new facilities. The budgetary requirements are collected in specific format by heads of departments and section in charges and submitted to Principal. The Corrected/justified budget is then submitted to Management for approval.

The institute ensures strong adherence to financial transparency. Regular audits are a part of the process. The internal audit is carried out on quarterly basis. The books of accounts are audited by appointed registered Chartered Accountant annually. The queries (if any) raised by the auditor are resolved to prepare the annual accounts. Trustees approve the verified final accounts thereafter. Finally, final trial balance carried out by auditor to approve it. The consolidation of accounts of the institute with the Jawahar Education Society (trust) is done. Then audited statement is used for further procedures. All types of financial support / grants received from university are properly audited by registered Chartered Accountant.

2. Resource Mobilization:

Resource generation is done through following:

1. Receipt of grants from university for conduction FDP/QIP in the institute
2. Receipt of grants from university for purchase of major equipment in the institute
3. Receipt of grants from university for installation of Solar system in the institute premises
4. Receipt of grants from university for construction of toilet blocks in the institute under QIP programme.
5. Through testing consultancy assignments in the Civil Engineering Department.
6. Through conducting On-Line examinations for various external agencies. For example, TCS, IBPS, Railways etc
7. Receipt of registration fees by organizing IDP for industry/institute persons.
8. Receipt of sponsorships for organizing cultural/technical events.
9. Receipt of course fee towards organizing QIP for industry/institute persons.
10. Receipt of course fee (share) towards organized by industry for skill development programs for industry/institute persons.

3. Financial Audit:

Institution conducts external audit regularly:

Sr. No.	External Agency	Date of Audit

1.	**Sanjay Lunkad** (M NO. 48229) UDIN: 22048229AIAIEW5192	28/09/2018
2.	**Sanjay Lunkad** (M NO. 48229) UDIN: 22048229AIAIEW5192	13/10/2019
3.	**Sanjay Lunkad** (M NO. 48229) UDIN: 22048229AIAIEW5192	18/12/2020
4.	**Sanjay Lunkad** (M NO. 48229) UDIN: 22048229AIAIEW5192	28/04/2022

File Description	Document
Upload Additional information	[View Document](#)

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

The IQAC of the college works towards improving and maintaining the quality of education, identifying, and suggesting new ways of using teaching aids, developing suitable infrastructure, and offering suggestions for the new self-finance courses. It is a **"Participative"** and **"Facilitative" cell** that would closely work with the faculty members to plan out the best possible strategies. IQAC is an effective and efficient internal coordinating and monitoring mechanism. The IQAC meets twice in a semester to plan, direct, implement and evaluate the teaching, research, and publication activities in the college. The sub-committees dealing with various activities and departments implement the IQAC guidelines and report the feedback. The IQAC strives to spread quality culture through quality enhancement initiatives and best practices. Significant improvements in quality have been made by institutionalizing the following IQAC initiatives:

Two examples of practices institutionalized because of IQAC initiatives.

1. Strengthening Core Competency of students through Technical Skill development activities:

The changing world scenario demands competent professionals empowered with conceptual knowledge, technical skills, and life skills for their employment in the reputed industries. With this requisite as background, IQAC suggested possible measures to be implemented through technical talks/workshops, and student development programs, technical trainings beyond the syllabus, to enhance the knowledge and

provide hands on experience to the students in the field of latest technology.

Initiative: Adequate numbers of technical talks/trainings/workshops in collaboration with industry experts, Alumni have been organized in the institute. At the end of each program, feedback was collected from the students to evaluate its effectiveness for necessary improvements.

Impact: A considerable improvement in the technical skills of the students has been observed in the last five years. Incremental improvement in their performance in placements, participation in state/national level competitions has been noticed.

2. Enrichment of Teaching Learning Process: We believes in empowering students with conceptual knowledge and technical skills through delivery of updated course content. Feedback being an integral part of the quality assurance process, feedback from all stakeholders is taken and documented systematically. Based on these feedbacks, IQAC prepares action plans to adopt new pedagogies of engagement and to ensure continual improvement in Teaching Learning Process.

Initiative: Improvement in Teaching Learning Process comprises:

- Preparation of Pre-requisite
- Preparation of teaching plan,
- Use of ICT tools to strengthen the course delivery
- Preparation of Lecture notes, PPTs, Blogs
- Assignments
- Test papers preparation with course outcomes and blooms taxonomy.
- Teacher performance feedback
- To find slow/ advanced learners
- Question bank preparation based on university pattern
- Result Analysis
- CO-PO/PSO mapping
- Motivation to faculties to undergo certification courses, training programs/FDPs.

Impact: Improvement in Teaching Learning Process has been observed. Streamlining of all these academic activities reflected in smooth conduction of academic year.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.5.2 Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**

2. **Collaborative quality initiatives with other institution(s)/ membership of international networks**
3. **Participation in NIRF**
4. **any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA, ISO Certification etc**

Response: D. Any 1 of the above

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

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity and Institutional initiatives to celebrate / organize national and international commemorative days, events and festivals during the last five years

Response:

Institute has been adhering to the idea of gender equality by giving equal consideration to the girl students with respect to their identity and personality to be expressed on equal footing. Institute is committed to educating and following the idea of gender sensitization among the students as their prime duty and part of constitutional obligation.

- Appointments/deputations at various levels are done without being gender biased.
- Participation in extracurricular activities for Girls and Boys students equally encouraged.
- Institute level all competitions are open for girls and boys for participation.
- National Service Scheme, Grievance Redressal Cell, provide a vibrant platform to conduct awareness campaigns, lectures, rallies, and interactive sessions to address various concerns.
- Internal complaint committee (ICC) has been formed to look after the grievances about sexual harassment. ICC has been taking special care about the girl students and trying to support in terms of instilling confidence among them while they face any types of problems within the campus or outside the campus.
- The discipline committee of the College looks after the disciplinary matters, especially protecting the girls' students from all kinds of harassment and ensuring their privacy.

Two important national festivals, Republic Day and Independence Day are celebrated every year in the institute. Teaching, non-teaching staff and students participate for the cause of nation. The program includes Flag Hoisting, National anthem, patriotic songs, and inspiring speeches. Several other national and international days are also celebrated in the institution so that students get knowledge about the great personalities in our political, social, cultural, and scientific history such as Mahatma Gandhi, Chhatrapati Shivaji Maharaj Jayanti, etc.

- Teachers' day is celebrated on 5th September every year to celebrate the birth anniversary of Dr. Sarvepalli Radhakrishnan. On teacher's day students perform different activities to entertain teachers and they thank their teachers by expressing their gratitude.
- International Women day is celebrated in our college on 8th March every year. International Yoga Day is celebrated on 21st June every year in the institute. The day aims to raise awareness of many benefits of practicing yoga. It is celebrated to spread awareness about importance and effects of yoga on the health of the people.
- The birthday of Mahatma Gandhi on 2nd October as Swachhta Diwas. "Swachh Bharat Abhiyan" was launched on 2nd October to honour Mahatma Gandhi vision of clean India.
- The students' associations take initiative to celebrate Engineers' Day on every 15th September in

honour of Bharat Ratna Mokshagundam Visvesvaraya, an eminent engineer.

- Convocation ceremony is conducted every year, where the convocation address is delivered to inspire and motivate the students for future journey.
- National Unity Day is observed with a pledge to celebrate our glorious history of national integration. Faculty members and students take pledge on this day to preserve unity, integrity, and security of the nation.

- Lord Ganapati Festival is celebrated in the campus for FIVE days. It gives spiritual sense to the students/ faculty of the Institute.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

7.1.2 The Institution has facilities and initiatives for

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

Response: B. 3 of the above

File Description	Document
Upload supporting document	[View Document](#)

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

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

Response: B. Any 3 of the above

File Description	Document
Upload supporting document	[View Document](#)

7.1.4 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic diversity and

Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

Institute is undertaking various initiatives in the form of celebration of days of Eminent personalities, National Festivals, NSS and other such activities to provide for an inclusive environment by bringing students and teachers with diverse background on single platform for creating inclusive environment, these functions help in developing tolerance harmony towards culture, region and linguistics and communal social economics and other diversities.

Institute organise different activities to sensitizes the students and the employees of the institution to the constitutional obligations about values, rights, duties, and responsibilities of citizens which enables them to conduct as a responsible citizen.

- The institute organizes various cultural programs to celebrate the cultural diversity. Students from various regional and cultural backgrounds participate in such programs and present their regional or cultural folk songs and dances. Institute conducts a weeklong cultural and sport event called JITotsav. Students actively participate in various extra-curricular activities including Song Competition, Rangoli competition, Social Awareness programs, fashion-show, Arts, Drama, etc. During this event regional dances like Maharastrian Lavni, Bhangada, Garba, etc has been performed on the stage.
- To cater to the linguistic diversity, all student related competitions like Essay Writing, Elocution are conducted in three languages, Marathi, Hindi, and English.

The college establishes policies that reflect core values. Code of conduct is prepared for students and staff, and everyone should obey the conduct rules.

Every year NSS Unit conducts Special Camps in villages for NSS volunteers. These camps are directed towards various social issues impacting the lives of the people in the community viz-a-viz including social and cultural values among the young students. The volunteers mainly undertake awareness generation activities about the social issues.

The institute is a co-education type institute having nearly 25% girl students admitted to various programmes. The college is concerned towards gender sensitization about the girl students, women staff members and always tries to provide the necessary facilities for them. Concerns regarding security and safety are addressed by the college through different means.

Institute shows gender sensitivity in providing facilities as**: Safety and Security** (24X7 hours' security**,** CCTV surveillance), **Counselling Workshops and Common Room.**

Safety and Security, Counselling Workshops and Common Room.

- The college campus is fully protected by fencing and wall compound around the campus trespassers are not allowed without permission.
- There is 24X7 hours' security in the college. The security is managed by duly appointed security

guards.

- Complaint box is installed at ground floor and follow up is taken by the Grievance Redressal Committee
- The visitors are made compulsory to enter their details at security office before issuance of visitors pass.
- The campus is under CCTV surveillance fixed at various locations and complete area of college campus is covered.
- The college organizes programs of premarital and emotional counselling. Self-defence workshops are arranged for girl students. Special programmes for counselling and personality development are organized by institute.
- Girls common room is available with essential facilities.

Activities related to the constitutional obligations: values, rights, duties, and responsibilities of citizens during last five years attached in additional information https://jitnashik.edu.in/7.1.4.pdf (page no 5).

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

7.2 Best Practices

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

Response:

Best Practice -I

1. Title : **Experiential Learning Through In-sourcing Maintenance of College Assets.**

2. Objectives:

In-house, or in sourcing, is the utilization of internal sources rather than outsourcing for maintenance activities

- To utilise the student's technical knowledge for maintaining assets.
- To improve the knowledge about respective for maintenance works.
- To create a well-trained and skilled manpower
- To save cost and time of response: When dealing with specialty contracts such as refrigeration and compressors, a response time to problems may be handled more rapidly in-house when compared with a phone call to an offsite vendor.
- To improve the tool handling skills.
- To make ourselves independent.

- To improve the Experiential learning experiences is the respective field.
- To gain self-confidence and satisfaction.

3. Contextual features or challenging issues

The main challenge was to convince the identified team for in-house maintenance as outsourcing is easier and simpler.

- To implement the maintenance efficiently, the identification of maintenance team who are self-motivated, eager to learn the related skills. However, providing training and skill gathering in the selected students is a time-consuming process.
- It is found that initially students are not ready to be a part of activity due to the lack of confidence and associated risks. Also, hesitation to climb ladder and work for maintenance work. In some cases, the lack of awareness about the latest technology

4. Practice and its uniqueness

Problem solving

- **Experiential learning experiences**
- **Cost savings:**
- **Time saving**
- **Staffing flexibility, expertise, and work quality:**

5. Evidence of Success

Operational Control: Considering team from within, the institute can manage its team and control processes more easily.

Work Continuity: The internal employee is already immersed within the institute atmosphere and consider its own property.

Motivation: Implementing a system that focuses on team from within creates a large aura of motivation. It is because employees feel motivated to climb up the organizational hierarchy and will put more effort into their work to achieve job growth.

6. Problems Encountered and Resources Required

Problems Encountered:

- To convince and motivate the students for this activity.
- Initially, team members are less skilled and needs hands on training.
- The availability of slot for maintenance in weekdays during academic timetable.

Resources Required:

- Maintenance resources include manpower, support equipment, consumables

- Provision of activity "Train the Trainer".

- Requirement of best quality toolbox for any maintenance.
- Requirement of high-quality accessories for Safety measures.

7. Notes

Procedure:

- Receipt of complaint.
- Maintenance team attends the scene.

Safety Precaution (Electrical):

1. Switch off main supply and display sign "Under Maintenance".
2. Seek guidance from seniors to deal situation.
3. After the repairs, check for expected operations.
4. After the maintenance, demonstrate a trial operation.
5. Remove the "Under Maintenance" sign.
6. Record the repair in the register.

Best Practice -II

1. Title : **ProJIT- A National Level Technical Project Competition and Exhibition**

2. Objectives

- To exhibit recent developments in technologies.
- To enhance participative learning in Engineering Education.
- To enhance experiential learning in Engineering Education.
- To encourage the students to develop the innovative thought process.
- To strengthen the Institute- industry linkages by inviting professionals from industry for the competition.
- To extend the help to register the idea for patent
- Increase in Industry-Institute interaction and trigger training placement activity

3. Contextual features or challenging issues

To encourage ProJIT-A National Level Technical Project Competition and Exhibition has organized by the institute, is intended to give engineering students of all disciplines a stepping-stone for entering the engineering industry.learning methods increases the overall understanding of the subject and its application. The initiative aims at providing a learner centric approach than traditional learning, which

leads to life-long learning experience. In the outcome of this event is experiential learning, participative learning and problem-solving methodologies are mainly targeted while organising this event.

4. Practice and its uniqueness

ProJIT is one day event has been organised successfully since 2013. This competition and exhibition is open for final year polytechnic (diploma in engineering) students and degree in engineering students of all disciplines. To select the career as start-up/entrepreneurship such events may help to all diploma and degree students. Entire management for organising this event is taken care of students under the supervision of faculty-in-charges, includes formation of committees, coordination with invitees, transportation arrangement for outside students, arrangement of refreshments etc.

Industry experts and senior faculties from other institutes are invited to examine the quality of projects based on designed parameters. Each year more than 150 projects and around 2000 students have participated in the event. The project is demonstrated to the panel of judges, from each stream of engineering, three projects are declared as best innovative projects and entitle for prize amount, trophy and discounted coupons from different training institute. This event is a unique opportunity for the budding engineers to show case their innovative project.

5. Evidence of Success

We have received many encouraging feedbacks from outside students and industry persons as it was well thought, well prepared, well-coordinated and well-presented event every year. Organising committee also puts best efforts to make this event successful. Organising team members also learn many skills during managing this event like, time management, communication with outsiders, working as a team etc.

Some of the projects are highly appreciated by panel and are guided to go for patent filing process. Some of the project group members are got a industry- link to initiate their start-up.

As per the request from many students from other states, institute has planned to consider their innovative idea and demonstration of their working model to panel through online mode.

6. Problems Encountered and Resources Required

Problems Encountered:

- Students are getting less time for making innovative working model along with their academic studies.
- Many students are interested to participate from other states but transporting heavy working model from large distant places discourages them.

Resources Required:

- To meet increased financial Budget.

- More Industry experts to get associated with such events.

- Association of Professional body for such events

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

7.3 Institutional Distinctiveness

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

Response:

Multifaceted Learning: Student-centred endeavour to mould socially responsible and competent professionals.

A feeling of community and belonging may help students to disclose their experiences allowing them to participative and experiential learning. Different social activity programmes are being organised since 2014.

- The students' associations from the institute have taken initiative to undertake activity aims to provide school bags, shoes, and stationery for studies to school children recognizing their fundamental right to education. Activities have been organised since last 4 years. The students contribute among themselves from their pocket money for this initiative instead spending on their birthday celebration. The faculty has also appreciated this initiative and extending all support. Preferably, every year, activity is organised on Teachers' Day by celebrating it with these school students. The school children are motivated to participate in drawing competition, learning activities, play activities to explore their skills. The required stationary / Material is provided by the college students. Through this is a micro-initiative, timely provision of requisite material, we can motivate the children to excel in studies.

- The college students have conducted "**Keeping Your Campus Clean"** drive in school premises with school children. The outcome of this activity made students/children learn that it is our responsibility to keep the surroundings clean. This made them think twice before littering in the grounds. They realized the significance of cleanliness and they became conscious of their responsibilities.
- The students at the institute had organised awareness program "**Basics Parts of Computer and their functions"** for school children in village Gangavarhe. The excited students learned to use the menu, identify icons, and know about various applications.

- Similar drive was conducted in college campus by students and staff with the understanding that maintaining a clean college environment sets a good example to students. It encourages learners to take pride in their college, which makes them less likely to drop litter and as such they will potentially make a bigger effort to maintain their environment. The activity will be cyclically led by students' associations.

- **The COVID-19 pandemic** was turning life upside down for many of us. The problems have got doubled with the imposition of lockdown, many people were not able to go anywhere to get food or water. It was necessary as an emergency measure to provide food to those who do not have access and to protect the public from the spread of the virus. The institute had taken initiative in association with local NGO to meet the partial fulfilment. The volunteers had cooked food on institute's premises and prepared food packets and handed over them to about 250 families every day with the help of NGO staff. This activity was carried out for 15 days. The involved students expressed their experiences and felt deeply about doing something for society.

- In addition, The Principal had requested all faculties to take some initiative during the lockdown period, three faculties came forward and decided to cook and distribute the food packets to the needy people.

- **Social media applications** have played a critical role for the rapid dissemination of information during the COVID-19 pandemic. The students of Electrical engineering took initiative for awareness about to convey Do's and Don'ts through social media.

- **Covid-19 Vaccination Drive:** to restrict the possible third wave of pandemic, the institute has conducted a special drive in the college to vaccinate students and neighbourhood citizens, those who have received the first dose. The students from our institute and neighbourhood citizens were benefited through this initiative.

- Student volunteers participated in the campaign on public health and hygiene. They observed that most of the people from village defecating in the open, do not use toilets. To create awareness about ill effects of defecating in the open and encouraging them to use community toilets, activity was undertaken **Hagandari Mukti Yojana** at village level. Volunteers undertook rounds of the village very early in the morning and took photographs of those found defecating in the open.

- Wastewater from kitchens and bathing, most often flows out of the home into the surrounding areas. This wastewater accumulates, creating a potential major health hazard. Through Shramadan**, shoshkhadda-a magic pits** were constructed to channelise household waste water from kitchens and bathing, purifies it to some extent before it makes its way into the soil. shoshkhadda reduces mosquito building drastically and have been effective in cleaning-up the surroundings of the villages.

- "Let us celebrate the birth of the girl child. We should be equally proud of our daughters. To increase awareness among the villagers about **Beti Bachao Beti Padhao**, a rally was organized in Sawargaon village. This activity addressed the declining Child Sex Ratio (CSR) and related issues of women empowerment over a life-cycle continuum.

- **Digital Payment Awareness Campaign** was organised for villagers to promote a cashless transaction through digital payments. Awareness sessions were conducted to explain the options

available for digital payment and how safely digital payments are performed. Volunteers had explained to follow do's and don'ts for safe digital payments.

- As a social responsibility, Students of Civil Engineering have collected Ganesh Idols on 15th September 2016. Motive behind collection of the same was to Save Godavari River from getting polluted due to Ganesh Idols Immersion which are made up mostly of Plaster of Paris. Through this activity Students have collected approximately 150 Ganesh Idols and handed over it to Nashik Municipal Corporation authorities to settled down. Students have learned sense of responsibility towards society and the environment in which we breath.

- In addition to above all, activities like Tree plantation, Blood donation camps, Health check-ups, **Cyber security campaign** etc are regularly organised to address the sense of responsibility towards society and the environment.

- Students had participated in **"No Honking Day"** to create the awareness about the rules and regulation of traffic and impact of sound pollution.

- **Tree Plantation programme** was organized at institute and nearby villages. The students at the institute and staff actively participated in the programme. The activity was organised in association with Samajik Vani karan Vibhag.

File Description	Document
Appropriate web in the Institutional website	[View Document](#)
Any other relevant information	[View Document](#)

5. CONCLUSION

Additional Information :

Additional Information:

Institute is continuously putting all out efforts to improve academic activities to impart the quality education. Every attempt enables us to acquire desired skill and knowledge base required to withstand in a competitive environment.

Central library is enriched with adequate volumes and titles. Online journals and lecture videos by NPTEL are made available in central library. Every department has independent adequate infrastructure to implement teaching and learning processes including departmental library and tutorial rooms.

Every year institute organises Quality Improvement Program, faculty development Program, Cultural and sports activities for students and faculty. In addition, a national level project competition 'ProJIT' for diploma and degree students.

The training and placement activities are spread over complete year by inviting eminent persons from academic and industry for training /seminar. Also different recruiters are also invited for placement of the students. Our alumni are either placed or preferred higher education India or abroad.

At institute level, Student Welfare Office (SWO) and National Service Scheme (NSS) also takes initiative to organise social programs save girl child abhiyan, Tree Plantation, Health check-up, Blood Donation Camps, Swachh Bharat Abhiyan , No Vehicle Day, etc. NSS camps also arranged in nearby villages for SEVEN days and variety of programs takes place during camp days.

Concluding Remarks :

Concluding Remarks:

The following conclusions are summarised from the contents presented in the report as follows:

- Institute focuses on academic excellence by providing fundamental and conceptual technical and skill based education through teaching learning process.
- Institute has well equipped laboratories and other resources to produce a professionally competent engineer, compatible team leader and able administrator.

- The Institute has located in pollution free environment also having nice green campus
- The institute is putting efforts to work in the directions to achieve all desired goals in near future.
- Institute is continuously putting all out efforts to improve institute –industry interactions and tie-ups by signing MOUs.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
3.4.3	**Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organised in collaboration with industry, community and NGOs) during the last five years** 3.4.3.1. **Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year wise during the last five years** Answer before DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>5</td><td>0</td><td>1</td><td>5</td><td>3</td></tr></table> Answer After DVV Verification : <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>5</td><td>0</td><td>1</td><td>0</td><td>3</td></tr></table> Remark : DVV has excluded days activities.
4.1.2	**Percentage of expenditure, excluding salary for infrastructure augmentation during last five years (INR in Lakhs)** 4.1.2.1. **Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)** Answer before DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>113.16071</td><td>118.71694</td><td>129.97999</td><td>163.76396</td><td>206.64770</td></tr></table> Answer After DVV Verification : <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>113.16071</td><td>45.12</td><td>23.01</td><td>32.01</td><td>16.21</td></tr></table> Remark : DVV has made the changes as per shared report n ep-4.2
4.4.1	**Percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years (INR in Lakhs)**

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
33.86466	39.35243	44.73096	108.52449	103.68898

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
1.23	2.60	6.78	17.68	14.25

Remark : DVV has considered Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary by HEI.

5.1.4 — **The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases**

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

Answer before DVV Verification : A. All of the above
Answer After DVV Verification: C. Any 2 of the above
Remark : DVV has made the changes as per C. Any 2 of the above shared report by HEI.

6.2.2 — **Implementation of e-governance in areas of operation**

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

Answer before DVV Verification : A. All of the above
Answer After DVV Verification: B. Any 3 of the above
Remark : DVV has made the changes as per shared report bY HEI.

7.1.2 — **The Institution has facilities and initiatives for**

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

	Answer before DVV Verification : A. 4 or All of the above
	Answer After DVV Verification: B. 3 of the above
	Remark : DVV has made the changes as per shared report bY HEI.
7.1.3	**Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following** 1. **Green audit / Environment audit** 2. **Energy audit** 3. **Clean and green campus initiatives** 4. **Beyond the campus environmental promotion activities** Answer before DVV Verification : A. All of the above Answer After DVV Verification: B. Any 3 of the above Remark : DVV has made the changes as per shared report bY HEI.

2.Extended Profile Deviations

ID	Extended Questions
1.1	**Expenditure excluding salary component year wise during the last five years (INR in lakhs)** Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
147.02537	158.26937	174.71095	272.28845	310.33668

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
118.88	60.99	50.12	41.02	39.16