SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF TECHNOLOGY

A/P BUDHGAON TAL - MIRAJ DIST - SANGLI
416304
www.pvpitsangli.edu.in

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Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

May 2024

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Padmabhooshan Vasantraodada Patil Institute of Technology, Budhgaon, Sangli (PVPIT), established in the year 1983 by the Late Padmabhooshan Vasantraodada Patil (Ex. Chief Minister of Maharashtra State and Ex. Governor of Rajasthan State). The College is located at Budhgaon 10 km away from Sangli city. Our Vision is to be a leading institute in providing high quality technical and engineering education to the aspirants. To serve the industry and society through creative educational programs and research.. PVPIT is affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad, Directorate of Technical Education, Mumbai, and AICTE, New Delhi. The institute is accredited by NAAC, Banglore. It is also accredited by the NBA, New Delhi. The Mechanical, Civil, Chemical, Electronics and Tele-Communication, and Electronics Engineering branches were accredited by the NBA in 2013-14.

Vision

To become a leading Institute in providing high-quality technical & engineering education to aspirants and serve the industry and society through excellent educational programs, creativity, and research.

Mission

To meet the short and long-term engineering manpower needs for Social, and techno-economical development of region and nation, through teaching, research, consultancy, and service. ·

To contribute to the advancement of knowledge and wisdom in science and technology for human welfare. ·

To cultivate skills, lifestyle, and habits of life-long learning to adopt a Knowledge-based global civilization.

To create the highest education standards with noble values of ethics, morality, integrity, and humanity.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. Well qualified and experienced faculty.

2. Applied for Autonomous Status on UGC.

3.Well equipped laboratories

4.Focus on Innovation and Enterpreneurship

5.Our Institute has 68 Registered Design Patents

6.Good and sufficient infrastructure

7. Well furnished library with more than 60000 books, 175 e journals and 1700 e-books

8. Strong alumni base throughout the world.

9. Consultancy

10. Strong use of Innovative Teching methods

11.Student Mentorship.

Institutional Weakness

1. Faculty publications in peer reviewed journals

2. Less number of R&D projects.

3. Lower placements in core industries

4. Communication skills

5. Rural location

Institutional Opportunity

1.Increase Alumni Engagements.

2. Collaboration with industry and national institute of repute.

3. Collaborative courses with foreign universities.

4. R & D projects

5. Establishment of Incubation/startup centre

Institutional Challenge

1. To cope up with the industrial developments

2. To receive funded projects.

3. Infrastructure development in comparison with urban places

4. To develop communication and soft skills

5. To compete with autonomous institutes.

6. Placement in core industries.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Institute is affiliated to Dr. Babasaheb Ambedkar Technological University Lonere for B.Tech and M.Tech programme. Institute abides to execute the curriculum prescribed by affiliating university. Before commencement of every semester academic calendar is prepared by Dean Academics in consultation with all HODs with reference to the academic calendar provided by university which is finally approved by Principal and displayed on all notice boards for students. The college meticulously develops action plans for effective implementation of the curriculum to achieve learning outcomes. Before the beginning of every semester, faculty meeting is conducted. Strategies for effective deployment of curriculum are planned to impart the curriculum through innovative teaching methods such as presentations, assignments, discussions, workshops, seminars, industrial visits apart from regular/traditional teaching methods. Academic calendar is evolved to incorporate all the curricular and co curricular activities such as tests, industrial visits, guest lectures, etc. Teaching plans of teachers are prepared based on the subject distribution given by HOD. Work load distribution is done by HOD according to area of specializations skills and choice of faculty member. Subject files are prepared and maintained by each faculty which is reviewed by the Head of the Department during the weekly meetings and once in a semester by Dean Academics & Principal. Each faculty maintains academic diary containing all records of student's performance and individual records of faculty member. The curriculum of Dr.BATU is continuously upgraded to bridge the gap between industry and academia. Some of the faculty members represent our institute on BOS of University. Institute continuously organize number of add on courses like IITB spoken tutorial, NPTEL virtual lab, German language, etc. For student development as well as for value addition through universal human value induction program developed for first year students. As per curriculum students carrying out field training/internship and project work to solve agro based our rural problems in collaboration with various stakeholders. Institute continuously maintain academic performance and ambiance through feedback system by various stakeholders like students, teachers, employers and alumni.

Teaching-learning and Evaluation

At PVPIT, Budhgaon, the teaching-learning and evaluation process is systematically structured to foster a comprehensive educational environment. At the beginning of each semester, faculty meetings are held to devise strategies for effective curriculum deployment. Innovative teaching methods such as presentations, assignments, discussions, workshops, seminars, and industrial visits complement traditional teaching techniques. Attendance is mandatory, with a minimum requirement of 75% for end semester examination eligibility, and provisions for condoning attendance shortfall up to 15% under exceptional circumstances.

The academic calendar integrates curricular and co-curricular activities, guiding the preparation of teaching plans. Faculty workloads are distributed by the Heads of Departments (HODs) according to specialization, skills, and preferences. Subject files are maintained by faculty members and reviewed periodically by HODs, Dean of Academics, and Principal. Faculty members also maintain academic diaries documenting student

performance and personal academic records.

Evaluation encompasses multiple components: Mid-Term Tests (20%), Continuous Assessments (20%), and End Semester Exams (60%) for theory courses. Continuous assessment methods include quizzes, class tests, assignments, and discussions, announced at the course outset. Laboratory courses involve a 60% continuous assessment and a 40% examination/viva component, conducted by both internal and external examiners.

Special programs for advanced and slow learners are an integral part of the teaching-learning process. Advanced learners engage in mini projects, internships, industry interactions, national-level technical events, and online courses. Slow learners benefit from makeup classes, revision sessions, and access to online learning materials.

Faculty design structured teaching plans, support project selections, and encourage participation in technical activities and interdisciplinary projects. Classrooms equipped with multimedia tools facilitate resource sharing and enhance the learning experience.

ICT-enabled tools are extensively used, with platforms like Google Docs, Google Meet, ppts, pdfs etc. promoting interactive learning. Google Classroom is utilized for managing assignments and discussions, fostering an organized learning environment.

The internal assessment mechanism is transparent and robust, with evaluations aligned with university guidelines. Grievances related to internal assessments are addressed promptly and fairly. Program and course outcomes are clearly communicated and displayed. The attainment of program and course outcomes is evaluated using direct and indirect methods, ensuring comprehensive assessment and continuous improvement.

Research, Innovations and Extension

Our institute is located in rural area and we are encouraging and supporting the students for innovation who don't have much background of research. Our institute has received grants of approximately 2.5 Lacs from various government and non-government organizations. Also the students received awards in various national level competitions like Tifan ,i2i, and many more. Some faculties also received awards for their contribution. The faculties have participated in the national and international level conferences and published articles in reputed journals like IEEE, Springer etc. Also some documents are indexed in scopus. Our students have extended their service during the flood situation in 2019 in Sangli city and helped to rescue the people. Also Organising the events like clean campus and cleaning of nearby force. We have an active innovation cell through which received more than 60 designs. Also the process of establishment of an incubation centres is in progress. Our students are participating in hands on training in nearby industries to take actual experience of field work. Some students have got internships in reputed industries. We are trying hardly to establish a landmark in Research and Innovation.

Infrastructure and Learning Resources

The adequate infrastructure and physical facilities are important for the development of students as well as staff. The institute have been the member of some reputed appex institutes like the institution of Engineers, ASM(Indian Chapter) etc. The library of the institute has sufficient no of hard copy books along with the subscription of the e journals, e books , and video lecture database like NPTEL. Approximate consumption on

these components is up to 2022-23 is approximate 53 Lakh Rupees. The teachers and students are using the library resources regularly. The institute is providing sufficient facility of Internet and related things to the stake holders. The cctvs are installed at the potential locations. The faculty rooms are equipped with the desktops and internet facility .The required softwares are installed in the laboratories. The class rooms are equipped with LCD Projectors. The Wi-Fi network and required hardware is also available. The central computing facility is available for the use. The language laboratory is available with ACE digital language software professional. The institute is spending the funds always for the development and infrastructure which is helpful for the students and faculties too.

Student Support and Progression

Student Support and Progression criteria focuses on the measures taken by our institution to support students' academic and personal development, ensuring their progression through different stages of education and career. Student Support and Progression is a critical criterion in the NAAC assessment process, reflecting an institution's commitment to student welfare and development. PVPIT Budhgaon has adopted a holistic approach that encompasses academic support, personal development, financial assistance, career guidance, and robust alumni networks to foster a nurturing environment for students' growth and success.

Governance, Leadership and Management

The Criteria VI of NAAC outlines the vision, mission, and strategic plans of an educational institution, aiming to provide high-quality technical and engineering education while serving the industry and society. Embracing the National Education Policy (NEP) 2020, the institution aspires to revolutionize education by fostering holistic development aligned with 21st-century needs.

Founded on the vision of Late Dr. Padmabhooshan Vasantraodada Patil, the institute boasts state-of-the-art infrastructure and diverse teaching methodologies. It emphasizes the holistic development of students, nurturing them into responsible global citizens. The institute's perspective plan for the next five years focuses on accreditation, affiliation, autonomy, excellence in education, and student placement.

The management believes in participative decision-making, involving all stakeholders through various statutory bodies like the Governing Body, College Working Committee, and Institute Academic Advisory Committee. These bodies oversee policy formulation and continuous quality improvement in academic and administrative domains.

The institution meticulously plans academic activities, including expert lectures, industrial visits, and cultural events, aiming for a well-rounded educational experience. It also emphasizes performance appraisal systems for teaching and non-teaching staff, ensuring effectiveness and efficiency.

Furthermore, the institute offers various welfare schemes such as provident fund facilities, gratuity, group insurance, and medical benefits to staff members. It also provides financial aid for workshops and conferences, accommodation, transportation, and awards for meritorious children of faculty members.

Financially, the institution is self-sustaining, generating income primarily through tuition and development fees, consultancy, and testing services. Expenditures are categorized into several heads, including establishment, direct, library, student activities, and development, with budgets prepared annually and approved by governing

bodies.

Quality assurance is paramount, facilitated by Internal Quality Assurance Cell (IQAC), which reviews teaching-learning processes, structures, and methodologies periodically. The IQAC ensures incremental improvement and transparency, fostering a student-centric approach.

Several best practices have been institutionalized, such as online feedback systems, academic monitoring committees, initiatives promoting research and innovation. These efforts contribute to continuous enhancement of educational standards and the overall development of students and staff.

In summary, the draft delineates a comprehensive framework for the institution's growth and excellence, emphasizing academic quality, stakeholder participation, financial sustainability, continuous improvement.

Institutional Values and Best Practices

PVPIT provides a pleasant, peaceful, green environment for effective learning. Our vision aims at moulding students into responsible and contributing citizens of nation.

Institute has organized several gender equity programmes in terms of social, health and cultural developments. PVPIT shows gender sensitivity through various initiatives and actions for creating safe, secure and healthy atmosphere in the campus. Specific initiatives with respect to gender sensitization are as follows.

1. Safety and Security
2. CCTV surveillance
3. Visitor register
4. Female Rector staff
5. Hostel leave form facility
6. Medical facility
7. Internal Complaints committee

We are committed to preserve the existing green environment for generations to come. Green audit is conducted and implemented with complete dedication. Liquid waste is used for gardening purpose. Institution has rain water harvesting system that collects and stores rainwater for reuse on-site rather than allowing it as run off. Institution also has a bore well. Sanitary pad vending machines and disposal machines are installed to ensure health and hygiene of girl students and staff.

The institution is regularly replacing tube lights with LED bulbs.

Following are the institutional initiatives for green campus.

1. Battery powered vehicles
2. Pedestrian friendly pathways
3. Landscaping with trees and plants.

and this initiative is confirmed through the green/environment/energy audits.

PVPIT has adopted the best practices in the campus.

1. **Project Evaluation:** Final year student projects are evaluated internally by a Research Review committee constituting one member from each department. Each semester two phases of evaluation are carried out and final assessment of project is based on this evaluation. Mostly final year student from various departments publish a paper in journal or conference.
2. **Monitoring System:** Institute practices multi-level monitoring system for smooth conduction of academic activities.

Administrative level: This includes monitoring by Principal, Dean Academics, Head of Department, Departmental Academic coordinator. Hierarchical positioning of administration enhances smooth conduction of any activity.

Academic level: This includes monitoring of academics by Principal, Dean Academics, Head of Department, Departmental Academic coordinator, module coordinator, course coordinator and subject teacher.

PVPIT'S distinctiveness lies in SSSK. PVPIT being located in a rural place called Budhgaon has majority of aspirants who belong from near-by villages and many of them are from farmer families. Therefore, to contribute in advancing of knowledge and wisdom in science and technology for human welfare a tuition fee concession is provided for the UG and PG students who's parents are shareholders for Dr. P. V. P. Shetkari Sahakari Sakhar Karkhana (SSSK), Sangli. The concession scheme is called VSSSK Sabhasad Pallya Shikshan Shulk Soulat and a concession of about 25% (on tuition fees) is provided for qualifying UG students.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF TECHNOLOGY
Address	A/P Budhgaon Tal - Miraj Dist - Sangli
City	Sangli
State	Maharashtra
Pin	416304
Website	www.pvpitsangli.edu.in

Contacts for Communication					
Designation	**Name**	**Telephone with STD Code**	**Mobile**	**Fax**	**Email**
Principal	Babasaheb Shamrao Patil	0233-2366246	9049504851	-	degreeprincipal@pvpitsangli.edu.in
IQAC / CIQA coordinator	P T Patil	0233-2366397	9545451441	-	ptpatil.civil@pvpitsangli.edu.in

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details

State	University name	Document
Maharashtra	Dr. Babasaheb Ambedkar Technological University	[View Document](#)

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	30-06-2021	[View Document](#)
12B of UGC		

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

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	[View Document](#)	02-06-2023	12	
AICTE	[View Document](#)	02-06-2023	12	
AICTE	[View Document](#)	02-06-2023	12	
AICTE	[View Document](#)	02-06-2023	12	
AICTE	[View Document](#)	02-06-2023	12	
AICTE	[View Document](#)	02-06-2023	12	
AICTE	[View Document](#)	02-06-2023	12	

Recognitions

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

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Location and Area of Campus				
Campus Type	**Address**	**Location***	**Campus Area in Acres**	**Built up Area in sq.mts.**
Main campus area	A/P Budhgaon Tal - Miraj Dist - Sangli	Rural	25.99	31916

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	BTech,Mechatronics Engineering,Mechatronics Engineering	48	HSC	English	30	4
UG	BTech,Mechanical Engineering,Mechanical Engineering	48	HSC	English	60	32
UG	BTech,Civil Engineering, Civil Engineering	48	HSC	English	120	20
UG	BTech,Chemical Engineering,Chemical Engineering	48	HSC	English	60	20
UG	BTech,Electrical And Computer Engineering,Electrical and Computer Engineering	48	HSC	English	60	40
UG	BTech,Electronics And Computer Science,Electro	48	HSC	English	90	84

	nics and Computer Science					
UG	BTech,Electronics And Telecommunication Engineering,Electronics and Telecommunication Engineering	48	HSC	English	60	56
UG	BTech,Instrumentation And Control Engineering,Instrumentation and Control Engineering	48	HSC	English	30	13
UG	BTech,Computer Science And Engineering,Computer Science and Engineering	48	HSC	English	120	116
UG	BTech,Computer Science And Engineering Artificial Intelligence And Data Science,Computer Science and Engineering Artificial Intelligence and Data Science	48	HSC	English	30	24
PG	Mtech,Mechanical Engineering,Design Engineering	24	BTECH	English	12	9

PG	Mtech,Mechanical Engineering,Heat Power Engineering	24	BTECH	English	12	0
PG	Mtech,Civil Engineering, Structural Engineering	24	BTECH	English	18	18
PG	Mtech,Electrical And Computer Engineering,Electrical Engineering	24	BTECH	English	24	18
PG	Mtech,Electronics And Telecommunication Engineering,Electronics and Telecommunication Engineering	24	BTECH	English	12	6

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	7				20				99			
Recruited	1	0	0	1	15	1	0	16	16	5	0	21
Yet to Recruit	6				4				78			
Sanctioned by the Management/Society or Other Authorized Bodies	1				10				82			
Recruited	1	0	0	1	10	0	0	10	51	31	0	82
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				45
Recruited	40	5	0	45
Yet to Recruit				0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				23
Recruited	20	3	0	23
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.	2	0	0	9	1	0	0	0	0	12
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	16	0	0	16	5	0	37
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	0	0	0	51	31	0	82
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/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	**Male**	**Female**	**Others**	**Total**
	3	3	0	6

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

Programme		**From the State Where College is Located**	**From Other States of India**	**NRI Students**	**Foreign Students**	**Total**
UG	Male	297	0	0	0	297
	Female	166	0	0	0	166
	Others	0	0	0	0	0
PG	Male	29	1	0	0	30
	Female	20	1	0	0	21
	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	25	10	18	16
	Female	15	7	7	6
	Others	0	0	0	0
ST	Male	0	0	1	0
	Female	0	0	0	0
	Others	0	0	0	0
OBC	Male	33	21	32	26
	Female	10	8	18	8
	Others	0	0	0	0
General	Male	170	186	145	126
	Female	83	91	59	41
	Others	0	0	0	0
Others	Male	49	30	31	101
	Female	24	16	9	41
	Others	0	0	0	0
Total		409	369	320	365

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	The institute has initiated a Student Induction Programme (SIP) aimed at fostering universal human values (UHV) and professional ethics among first-year students. Expert-led technical talks on UHV are a key component of this program. Additionally, the institute has established a UHV cell comprising faculty members from various disciplines who have undergone training through the Faculty Development Programme (FDP) on UHV facilitated by AICTE.Under the AICTE Activity Points Programme, students have engaged in community outreach initiatives, imparting knowledge on topics such as health, hygiene, and digital literacy to nearby villagers.The recent regulatory changes allow

	students the flexibility to enter and exit the undergraduate program at the end of each academic year. Furthermore, the institute is actively pursuing autonomy status, which would enable it to design a more adaptable curriculum aligned with industry and societal needs. With autonomy, there is also a vision to evolve into a comprehensive multidisciplinary institution by integrating humanities and sciences with STEM disciplines.In preparation for the requirements outlined in the National Education Policy (NEP) of 2020, the institute is planning infrastructure enhancements and faculty development initiatives to ensure alignment with evolving educational standards and demands.
2. Academic bank of credits (ABC):	One of the provisions of the National Education Policy 2020 (NEP 2020) is the introduction of the Academic Bank of Credit (ABC). The Institute has registered on the ABC portal.Institute Instructed each student to sign up for the ABC portal. About 80% of students are registered on ABC portal and got the ABC ID. Academic Bank of Credits shall deposit Credits awarded by Registered Higher Education Institutions, for Courses pursued there in, in the Academic Bank Account of the student and the validity of such credits shall be as per norms and guidelines issued by the Commission from time to time. The National Academic Bank of Credits (ABC) portal has now been integrated into the nad.digitallocker.gov.in platform. Our Institute follows a choice-based credit system for all of its programmes and resolution related to the ABC is approved by the Academic Council.Encourage students to enroll in and complete courses under the Ministry of Human Resource Development (MHRD) like SWAYAM, NPTEL, etc. for added credits.
3. Skill development:	The Institution is already conducting skill-based courses as designed by the university from Semesters 3 to 6 in various programs. Also, under the employability & skill development of students, the University has introduced the courses such as Product Design Engineering, Soft Skill Development, Universal Human Values, and Communication skill. As per the curriculum offered by DBATU university ,Industry Internships and skill certifications like Spoken Tutorial and more in our institutions to make sure that by the time students finish their undergraduate programme they will be employable.

4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	In order to promote /integrate the local language, art and culture, it is the regular practice at institute that all NSS activities conducted in adopted villages are compulsory executed in local Marathi language.As most of our students are from rural areas of Vidarbha region they can share their thoughts in any language.The efforts have been also taken by institute to teach foreign language.As a part of curriculum as per DBATU University institute introduced coerces Indian Constitution and Essence of Indian Traditional Knowledge. The Institute Initiated yoga training programmes .
5. Focus on Outcome based education (OBE):	The Institution already follows outcome-based education with a customized lesson plan manual which clearly states, course outcome, program specific outcome and program outcome. Students are made aware of the various course outcome, and program-specific outcome through the curriculum and orientation program. Attainment of outcome is analyzed and assessed at the end of the program.
6. Distance education/online education:	As a Institute we offered MOOC courses in our institution to promote a blended learning system of learning. Again, assignments, quizzes, surveys, and assessments can be offered online.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	Electoral Literacy Club is not established in our institute, but activities in collaboration with the collector office regarding to the election process are undertaken by our institute. Institute level committee is established under NSS for enhancing the awareness among the student and staff with respect to the national duties.
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	As ELC is not formed by the Election commission of India, institute level committees are formed. Functioning of Electoral Literacy Clubs (ELCs) at college, a student coordinator and a faculty coordinator are typically appointed by the college administration to lead and mentor the club respectively. These coordinators ensure the club's activities, such as voter registration drives, mock elections and educational seminars are effectively

	organized and aligned with the objectives of promoting electoral literacy. These representatives are designed to be inclusive and representative, encouraging participation from students of diverse backgrounds and disciplines. By fostering democratic processes within the club and maintaining open channels for feedback, representatives ensure that their initiatives resonate broadly with the student body, thereby promoting informed and active citizenship among students. Mr. N.S.Patil is the faculty from civil engineering department who is working as faculty coordinator for electoral literacy activities. Mr. Dhairysheel Dubal is the student representative for these activities.
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	Electoral Literacy Clubs (ELCs) undertake a variety of innovative programs and initiatives to promote electoral participation and awareness. These include organizing voter registration drives on campus and in the students' home communities, assisting district election administrations during polling to ensure smooth conduct, and running extensive voter awareness campaigns. ELCs also emphasize the promotion of ethical voting and work to enhance the electoral participation of underprivileged sections of society, including transgender individuals, commercial sex workers, disabled persons, and senior citizens. These efforts involve targeted outreach and education initiatives, such as workshops and information sessions, tailored to address the specific barriers these groups face in the electoral process. By engaging students in these voluntary activities, ELCs foster a culture of civic responsibility and inclusivity. *Event:* New Voter Registration Program *Organized by:* NSS Club *Date:* [07/03/2024] The NSS Club of our college successfully organized a New Voter Registration Program in collaboration with the ELC Department of the Collector Office. The event was a significant initiative aimed at encouraging and facilitating voter registration among students. *Registrations:* A total of 220 new voter registrations were completed during the program. *Chief Guest:* The program was graced by the presence of our esteemed principal, B.S. Patil Sir. *Special Guest:* Amit Patil, Vice Chairman of PVPIT College, Budhgaon, Sangli, also honored the event with his presence. *Guidance:* The entire program was conducted under the expert guidance of

	Nilesh Patil Sir, whose efforts were pivotal in the success of the initiative.
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.	On [23/02/2024], the NSS club, in collaboration with the Sangli District Collector Office's ELC (Electoral Literacy Club) department, organized a kite-making competition. The event aimed to spread awareness about the importance of elections and voting rights. Thirty enthusiastic students from our college participated in this creative and educational competition. •Objectives The primary objective of the competition was to: 1.Increase awareness about electoral processes and voting rights among students. 2.Engage students in a creative activity that promotes civic responsibility. 3.Encourage active participation in democratic processes through innovative means. •Guidance and Organization The competition was conducted under the expert guidance of Nilesh Patil, who played a pivotal role in organizing and executing the event. His efforts ensured that the event ran smoothly and achieved its objectives. •Participants A total of 30 students from our college participated in the competition. Each student brought their creativity and enthusiasm to the event, crafting unique kites that carried messages about the significance of voting. •Chief Guests The program was graced by the presence of two esteemed chief guests: 1.B.S. Patil, Principal of PVPIT College, who shared his insights on the importance of voting and how such activities can foster a sense of responsibility among the youth. 2.Aman Patel, representing the Collector Office ELC department, who emphasized the role of electoral literacy in strengthening democracy and encouraged students to become active participants in the electoral process. •Highlights of the Event -Inauguration: The event began with an inauguration ceremony where the chief guests addressed the participants and highlighted the importance of voting rights. -Kite Making: Students engaged in a hands-on session of kite making, incorporating themes related to elections and voting rights into their designs. -Exhibition: The completed kites were displayed in an exhibition, allowing all attendees to appreciate the creativity and messages conveyed through the kites. -Prize Distribution: Prizes were awarded to the best kites, judged on creativity, message clarity, and overall presentation. •Conclusion The kite-making competition was a resounding success, achieving its

	goal of raising awareness about the importance of voting. The participation of students and the insightful speeches by the chief guests made the event memorable and impactful. The NSS club and the ELC department plan to continue such initiatives to foster a culture of informed and active citizenship among students.
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.	A significant number of students above 18 years of age at our college are yet to be enrolled as voters in the electoral roll, highlighting a critical area of focus for the Electoral Literacy Club (ELC) and the college administration. To address this, the ELC has launched targeted voter registration drives, which include setting up registration booths on campus, organizing workshops to guide students through the registration process, and collaborating with the district election office to facilitate bulk registrations. The college is also institutionalizing these efforts by integrating voter registration into the orientation programs for new students and making it a part of the mandatory administrative procedures at the beginning of each academic year. These sustained efforts aim to ensure that all eligible students are registered to vote, thereby promoting their active participation in the democratic process.

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
2490	2431	2837	2839	2950

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

2 Teachers

2.1

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

Response: 219

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

2.2

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

2022-23	2021-22	2020-21	2019-20	2018-19
154	124	145	189	203

3 Institution

3.1

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

2022-23	2021-22	2020-21	2019-20	2018-19
480.54	403.85	317.12	574.14	482.83

File Description	Document
Upload Supporting Document	[View Document](#)

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1

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

Response:

• To achieve educational goals, it abides to execute curriculum framework provided by the affiliating universitie.

•Every semester, Academic Calendar is prepared by Dean Academic in consultation with all HODs which is finally approved by Principal.

• Load distribution is carried out by HODs according to area of specialization, skills , experience and choice of faculty.

•Department has DAAC (Departmental Academic Advisory council) plays vital rolefor improving teaching learning process as well as academics.

• Each Faculty maintains a course file ans academic diary providing all the informationfor implementation of the curriculum.

• Department allocates a group of students to faculty for mentoring to improve their academic performance.

• Student are asked to submit a Feedback about each course and faculty twice in a semester, those are then assessed by HOD and forwarded to Faculty members for corrective actions.

• At the end of the semester, CO and PO attainment is calculated based on performance of students.

• The institute has Academic MonitoringCommittee (AMC) which monitors the progress of teaching learning process, takes periodic review and gives the feedback to concerned HOD. So that the appropriate corrective action is taken at department level to improve the teaching learning process.

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

1.2 Academic Flexibility

1.2.1

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

Response: 59

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

Other Upload Files	
1	[View Document](#)

1.2.2

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

Response: 67.54

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

2022-23	2021-22	2020-21	2019-20	2018-19
1872	3014	2791	1459	13

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

1.3 Curriculum Enrichment

1.3.1

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

Response:

According to legislative fundamentals imparting effective human rights education help individual to identify and adapt personal and social values for welfare of society is achieved through various courses such as Professional Skill Development, Human and Professional Ethics, Basic Human Rights as part of curriculum. The institute takes additional efforts through National Social Service(NSS) and Student associations to make students sensitive towards Human values, by organizing Blood Donation Camps, teaching rural children, adaption of village and Eye Checkup Camps. Equal opportunities are given to both the genders in terms of admissions, employment, training programmes, sports activities etc., and so gender issues do not arise. Institute organizes guest lecturers of renowned women personalities in society especially for female students. Women's day is celebrated with vigor in the Department. Female students are encouraged to participate and handle various positions in Student Association along with male students. Sustainability is achieved by reducing e-waste, implementing green technologies, adopting energy efficient and effective technologies. The curriculum supports all the techniques to maintain ecology and ecosystem. Students are encouraged to participate in activities of NSS, related to environment such as Swacha Bharat Abhiyaan, Tree plantation. Final year students are encouraged to take projects on environmental issues.

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: 40.92

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

Response: 1019

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

1.4 Feedback System

1.4.1

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

Response: A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website

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

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Enrolment percentage

Response: 57.23

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

2022-23	2021-22	2020-21	2019-20	2018-19
409	369	320	365	357

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

2022-23	2021-22	2020-21	2019-20	2018-19
630	630	630	630	660

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Final admission list as published by the HEI and endorsed by the competent authority	[View Document](#)
Document related to sanction of intake from affiliating University/ Government/statutory body for first year's students only.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.1.2

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

Response: 47.81

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

2022-23	2021-22	2020-21	2019-20	2018-19
147	92	116	198	156

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

2022-23	2021-22	2020-21	2019-20	2018-19
257	266	315	315	330

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

2.2 Student Teacher Ratio

2.2.1

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

Response: 16.17

2.3 Teaching- Learning Process

2.3.1

Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Response:

At PVPIT, Budhgaon, student-centric approaches like experiential learning, participative learning, and problem-solving methodologies are prioritized to enrich learning experiences. The institute places a strong emphasis on adopting methods that empower students to take charge of their learning journey, ensuring deeper comprehension of subjects.

Faculty members meticulously design teaching plans for both theoretical and laboratory sessions in advance, facilitating a structured learning environment. Self-assessment mechanisms are employed for students and faculty to gauge understanding levels effectively. Teachers offer guidance in selecting project topics and research papers, maintaining project logbooks to monitor progress throughout the academic year.

Encouraging student participation in national level technical activities like NIRMITI and BrainItOn, fosters a holistic learning experience beyond the campus.

Projects at PVPIT, Budhgaon undergo thorough evaluation by the Research Review Committee, whose suggestions drive improvements and even lead to patent filings. To support innovation further, the Institute has established an Innovation Council, aiding students in the patent filing process.

Implementing problem-based learning, group projects, fieldwork, and group presentations ensures the effective execution of student-centric learning methodologies. Equipped with LCD projectors alongside traditional green boards, classrooms facilitate multimedia integration, enabling the sharing of resources like NPTEL videos and e-books to enhance classroom teaching.

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: 99.76

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

2022-23	2021-22	2020-21	2019-20	2018-19
131	131	131	212	212

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

2.4.2

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

Response: 12.76

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

2022-23	2021-22	2020-21	2019-20	2018-19
30	24	21	14	15

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

2.5 Evaluation Process and Reforms

2.5.1

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

Response:

The internal assessment mechanism at PVPIT, Budhgaon is characterized by transparency and robustness in terms of frequency and mode. Affiliated with Dr. Babasaheb Ambedkar Technological University Lonere, the institute adheres to its rules and guidelines for assessing student performance.

An academic calendar is meticulously prepared at the onset of each semester and made available on the college website and department notice boards, outlining the schedule for assessments. Question papers for midterm exams are crafted according to university guidelines by faculty members teaching the respective subjects. Weekly assignments and tutorials are assigned by faculty, ensuring consistent engagement and assessment.

Answer sheets are promptly evaluated within a week and shown to students for feedback. Sessional result analyses are conducted during department meetings to review student performance comprehensively. Two-unit tests are conducted, with the schedule for unit tests and midterm examinations clearly outlined in the academic calendar, providing students with ample preparation time.

Unit tests and midterm examinations are conducted within the prescribed one-hour duration as per the academic calendar. Attendance records for unit tests, midterm examinations, and question papers are meticulously maintained, ensuring transparency and accountability in the assessment process.

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

2.6 Student Performance and Learning Outcomes

2.6.1

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

Response:

PVPIT, Budhgaon prioritizes transparency by prominently displaying program and course outcomes on its website, ensuring robust communication channels with teachers and students alike. Committees such as IAAC, IQAC, and DACC are steadfast in their oversight of quality standards across all departments. Every department, in resonance with the institution'soverarching vision and mission, meticulously crafts objectives and outcomes to seamlessly integrate Outcome-Based Education principles. These outcomes are communicated comprehensively to stakeholders through diverse channels, including departmental newsletters, laboratory manuals, and the institute's official website. Faculty members devote meticulous attention to mapping course outcomes with program outcomes and specific outcomes, fostering deeper understanding and alignment with educational objectives. This vital information is readily accessible at strategic departmental locations, within faculty course files, and prominently displayed in the Head of Department's office. Such practices not only promote transparency but also nurture a culture of continuous improvement, ultimately enhancing the overall learning outcomes and educational experience

at PVPIT, Budhgaon.

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

2.6.2

Attainment of POs and COs are evaluated.

Explain with evidence in a maximum of 500 words

Response:

At PVPIT, Budhgaon, the evaluation of Programme Outcomes (POs) and Course Outcomes (COs) is a comprehensive process aimed at assessing the achievement of desired learning outcomes. Each program defines its Program Specific Outcomes (PSOs) also.

The attainment of POs and COs is evaluated through a combination of direct and indirect methods. Direct attainment, constituting 80%, is further subdivided into 50% from external examinations (university examinations) and 50% from internal assessments such as midterm and end-term examinations, tutorials, and home assignments. Indirect attainment, accounting for the remaining 20%, is derived from stakeholder feedback, including alumni, employer feedback, exit surveys, and additional programs.

The correlation between COs and POs/PSOs is visually represented. At the conclusion of each course, COs are rigorously assessed and evaluated by the respective faculty members, considering internal assessment components.

Additionally, course-end surveys are conducted to gather feedback on CO attainment. The attainment calculation follows an 80:20 format, with 80% direct attainment and 20% indirect attainment obtained from the course-end survey.

This CO attainment procedure enables the determination of attainment percentage for each student, with the average CO attainment calculated batch-wise. The weightage and calculation procedure for PO/PSO attainment are outlined to ensure transparency and consistency in evaluation process.

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

2.6.3

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

Response: 96.19

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

2022-23	2021-22	2020-21	2019-20	2018-19
601	724	1129	701	657

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

2022-23	2021-22	2020-21	2019-20	2018-19
634	727	1138	710	754

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

2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process

Response: 3.35

File Description	Document
Upload database of all students on roll as per data template	[View Document](#)

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1

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

Response: 15.68

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

2022-23	2021-22	2020-21	2019-20	2018-19
0.75	2.28	0	10	2.65

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

3.2 Innovation Ecosystem

3.2.1

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

Response:

The details of research and Innovation ecosystem developed and initiatives taken for creation and transfer of knowledge are as   under:

1. Promoting Innovation: The College has created an Innovation & Entrepreneurship Development Cell (IEDC) and Institutional Innovation Council (IIC) as per the guidelines of MHRD & AICTE. Students presented their innovative products in various national and international project competitions and bagged prizes and received more than 69 design patents.
2. Business Incubation Center: College has also established Business incubation center to develop entrepreneur capabilities among students with support from DC-MSME
3. E-YANTRA CELL: Students developed innovative projects for through ,(E-Yantra)IIT Mumbai
4. Human Resources: The institute recruits dynamic & highly qualified faculty to mentor young minds. Institute has taken an initiative to encourage the faculty members to pursue their PhD

work.

5. Collaborations: College has signed MOUs with industries and Institutes to Promote research and sponsored projects.

6. The institute is also encouraging the students to participate in the activities of Indian Knowledge System Division of AICTE .In the academic year 2021-22, 3 students were selected for IKS internship program and completed the projects. Two faculties of the institute are registered with IKS as mentor. And also participated in CSIR activities related to IKS. Also in May 2023 the institute got the Institutional Internship Program.

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: 31

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

2022-23	2021-22	2020-21	2019-20	2018-19
3	6	8	13	1

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: 0.77

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

2022-23	2021-22	2020-21	2019-20	2018-19
31	35	52	16	34

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

3.3.2

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

Response: 0.22

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

2022-23	2021-22	2020-21	2019-20	2018-19
15	22	7	1	3

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

3.4 Extension Activities

3.4.1

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

Response:

1) The institute has the rich tradition of social service through the NSS Channel.

2) Before Covid there were arrangements of the weekly NSS camps by the institute in the nearby villages .In which students were participating in the enthusiastic manner and conducting the various activities like Cleaning of the village premise.

3) Flood Relief Work:- In the month of August 2019,entire Sangli City was flooded nearly for 15 days. The NSS students and faculty coordinator Mr.Sarjerao Narwade have actively participated in the flood relief work and helped the administration of the government.

4)Chhatrapati Shivaji Maharaj is the icon of the Maharashtra state. Their forts are like pilgrim places for the people. Several people are visiting to the forts every year. The Institute has taken an initiative to keep the forts clean. The NSS coordinator has identified the nearby fort named as 'Vishalgad'(Approximate 150 Km Away from Sangli.A one day drive of cleanness was arranged by Co-Coordinator Mr.Nilesh Patil along with 100 students under the roof of NSS.

5) The NSS is also arranging the blood donations camp once or twice in a year. The blood is collected by the registered blood bank for utilization. Students and faculties are responding in the enthusiastic manner always.

6)The institute is making the contribution in social services through several activities mentioned above.

7) The Institute has also undertaken the projects unde UNNAT BHARAT ABHIYAN and completed the activities like visits, national workshops, Vasant Vikas conference etc.

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

3.4.2

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

Response:

The Institute and institute faculties have received several awards from reputed government and non-government organizations. Mr.Narayan Hargude, a senior faculty of the Mechanical Engineering Department has received the best Engineer award by the Institution of Engineers, India. Also, several design patents are received by faculties of the institute. The students of the institute have received prestigious awards in the technical and non-technical events. Also, students won the awards in the various sports events. The faculty of the Mechanical Engineering Department Mr.Anup Pawar won the 'Dronacharya Award' for guiding the students who are participating in the event of racing car at National level. The copyright office of India has awarded copyright certification for the books and the articles written by the faculties of Institute. Some copyrights are there in the name of the Institute also. The institute is always supporting to the faculties for their individual growth and also appreciating their personal achievements. The faculties of the institute have also taken the efforts to enhance their curriculum knowledge by obtaining the certifications like NPTEL. The institute is also encouraging them for it. The institute always gives the preference to the individual growth of faculty in all the aspects and provides required assistance for it.

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

3.4.3

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

Response: 41

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

2022-23	2021-22	2020-21	2019-20	2018-19
6	3	1	12	19

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

3.5 Collaboration

3.5.1

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

Response: 50

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

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The Institution has adequate infrastructure and other facilities for,

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

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

Response:

The institute has impressive infrastructure to facilitate teaching leaning such as Classrooms with ICT facility, Laboratory, Departmental Library, Seminar halls and computer labs etc. Institute has Taken due care to make the infrastructure as per the standard norms. The college has adequate number of class rooms and well-equipped laboratories to impart effective teaching-learning process. Each department equipped with their own computing resources as well as departmental libraries to meet the academic needs of the students. The additional coaching to the students through the measures like practice sessions, remedial classes, extra lectures, and expert lectures are conducted without any hassles. For effective and optimum study conditions, spacious classrooms are provided with LCD projector. The need of training the students in small groups and academic counseling is well defined by assigning group of students to all the faculty members. The college provided computers to all the departments for the day to-day usage of students and faculties. For effective and optimum study conditions supporting facilities like separate hostel facility for boys and girls is available on campus. Institute has good canteen facility, ample parking space.

The institute focuses on overall development of the students through co-curricular and extra-curricular activities. Outdoor and indoor sports contribute significantly in grooming students.Qualities like leadership, team spirit, and competitiveness can be inculcated amongst the students through such sports activities.Gymnasium is equipped with weight lifting set and bench fit arrangement. Separate facilities has been provided for Yoga and Meditation. Sports Facilities : Athletic Track, Cricket Field Volley Ball Court, Kabaddi Court, Kho-Kho, Table Tennis, Chess, Carom hall, Handball court, Football, Hockey The institute encourages the students to participate in various colleges, zonal, interzonal, all India interuniversity sports activities. Yoga is practiced in the institute. International Yoga Day is organized in the institute to increase awareness among the students. The Institute has a cultural club known as ART SPECTRUM which orgnizes Vasant Karandak, a national-level cultural art event.The institute organizes Vasantotsav annual cultural event. It comprises events in the form of competitions, workshops and stage performances such as, Dance, Street play, Act, Singing etc. Students are also encouraged to participate in various cultural events organized at university level, intra and intercollegiate events.

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

4.1.2

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

Response: 10.92

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

2022-23	2021-22	2020-21	2019-20	2018-19
55.03	33.12	10.42	88.47	59.59

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

4.2 Library as a Learning Resource

4.2.1

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

Response:

LIBRARY MANAGEMENT SYSTEM is provided by Vidysagar LMS AMCwhich is an online library management software specially designed for educational institutes. It has all useful features for day to day work of library. It includes library data acquisition, cataloging, report generation, stock checking,

digital library etc. facilities. All kind of reports such as Accession Register,Purchase register, Circulation reports, Member list, Library Usage, Dues, Stock checking, Special Statistical and Analytical
Reports are generated which are useful for different committees, Principal's office, library record. It include following modules- - Acquisition - Cataloging (books, journals and periodicals, e-media,News papers) - DDC classification - Digital library - Circulation - User management with different roles - Fine management - Book bank - Reporting - Stock checking - Departmental libraries - Barcode printing and reading.

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

4.3 IT Infrastructure

4.3.1

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

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

Response:

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

Padmabhooshan Vasantraodada Patil Institute of Technology has superior IT infrastructure that is constantly upgraded in response to technological advancements and the needs of the teaching and learning process. To strengthen the IT infrastructure, the institute has provided high-quality computers, adequate internet bandwidth, central servers, IP CCTV, licensed and open source software, WiFi devices, UPS, network plan, firewall, internet switches, and a biometric attendance system integrated with ERP software. The institute does verification and checking through faculty members appointed for identification of obsolete digital waste material and it is discarded with prior approval of the management.

Computers and other peripherals:

 Total 770 High end computers & 67 Laptops (Sony Vaio SVE15136CNB Laptop: 3rd Gen.Intel Core i5 Processor 3230M, 2.6 GHZ, 4GB RAM, 500GM HDD, 1GB Radeon Graphics Card , Wi-fi Blue tooth, Web Camera ,Card Reader ,DVD RW 15.6" LED Screen with Backpack, Windows 64 Bit)

58 printer/scanners/Xerox Machines, 7 Digital Boards & 38 LCD projectors.

UPS for power back-up with Cummins Power Generator.

Internet Bandwidth and Wi-Fi Device

500 Mbps lease line of Gazon communication India Ltd.

Wi-Fi capabilities for campus-wide networking,

Total 150 Active password protected access points with MAC filtering.

2500+ Students use Wi-Fi facility.

Servers:

IBM X3500 M2 Server (Proxy Server, IBM- x series X3400 7379 Q2L, IBM Blade Server Software:

Softwares like ERP, CATIA, Ansys, WTP, STP Auto CAD , Auto Desk Inventor Professional 9 Standalone Educational, Hypermesh v13.0 suite of FEA software, Automation studio Version 6.2 , Scilab, Multisim, Comsim, L- Sim, Matlab 2011b, Microwind 3.5, Labview, Keil, Phyton Chip prog+ IC Programmer,Protius, Xilinx 7.1, 3.5, Active HDL, Orcad, Vidya Sagar Library Software, ORELL's i-TELL etc . are used in Office, library and Computer Labs.

System software like Windows 11, Windows Server 2012R2, Linux, Ubuntu.

IP CCTV:

CCTV cameras are installed in different places like Classroom, Laboratories, Library, Parking, Entrance gate, Girls-Boys hostel and some other places in campus for the security.

Attendance System:

Biometric Face Detection Four Devices (Time Watch India Pvt. Ltd.) for centrally monitoring of staff attendance is located in the Administrative wing with its dedicated software.

ERP:

Well established ERP system for staff members exists in the institute. ERP is used for academic, administrative and training & placement activities. The Institute regularly updates its labs, Internet resources, and services to meet the demands of the academic and research endeavours.

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: 3.23

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

Response: 770

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

4.4 Maintenance of Campus Infrastructure

4.4.1

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

Response: 32.26

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

2022-23	2021-22	2020-21	2019-20	2018-19
187.53	120.79	95.81	174.53	149.82

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

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

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

Response: 98.01

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

2022-23	2021-22	2020-21	2019-20	2018-19
2318	2464	2858	2827	2810

File Description	Document
Year-wise list of beneficiary students in each scheme duly signed by the competent authority.	[View Document](#)
Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).	[View Document](#)
Upload policy document of the HEI for award of scholarship and freeships.	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.1.2

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

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

Response: A. All of the above

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

5.1.3

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

Response: 30.48

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

2022-23	2021-22	2020-21	2019-20	2018-19
467	340	325	2642	355

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

5.1.4

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

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

Response: A. All of the above

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

5.2 Student Progression

5.2.1

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

Response: 37.59

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

2022-23	2021-22	2020-21	2019-20	2018-19
279	332	274	289	259

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

2022-23	2021-22	2020-21	2019-20	2018-19
601	724	1129	701	657

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

5.2.2

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

Response: 1.93

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

2022-23	2021-22	2020-21	2019-20	2018-19
6	10	19	6	5

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

5.3 Student Participation and Activities

5.3.1

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

Response: 12

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

2022-23	2021-22	2020-21	2019-20	2018-19
5	5	2	0	0

File Description	Document
Upload supporting document	[View Document](#)
list and links to e-copies of award letters and certificates	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.3.2

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

Response: 2.4

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

2022-23	2021-22	2020-21	2019-20	2018-19
5	5	2	0	0

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 Institute established Alumni association in the academic year 2014-15, The main objectives of association are

1.To promote and foster mutually beneficial interaction between Alumni and the Institute

2.To encourage the formation of regional chapters to increase participation of Alumni

3.To encourage the Alumni to take abiding interest in the process and development of Institute.

4.To arrange and support in placement activities for the students of Institute.

5.To encourage thestudents of the Institute and members of the Association for research & development work in various fields like engineering, computerIndustrialization etc.

6.To mentor the students of the Institute for higher education, development of character and beingGOOD citizens.

7.To encourage and guide the students of the Institute on selfemployment to become entrepreneurs.

8.To guide students of the Institute on various professional avenues available and support them through various activities such as expert advice, seminars, visit etc.

9.Promote the Industry- Institute interaction to bridge the gap between industry requirements and education offered and enhance students' employability. The alumni of Institute is guiding and nurturing our students to become engineering professionals. It is our plan to develop everlasting relations with our alumni which in turn will give rise to mutual benefits.

Financial contributions from alumni play a pivotal role in sustaining the growth and development of educational institutions. These contributions can come in the form of an annual giving fixed amount to the institute.

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

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

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

Response:

VISION

To become a leading institute in providing high quality technical and engineering education to the aspirants and serve the industry and society through excellent educational programs, creativity and Research.

MISSION

1.   To meet short term and long term engineering manpower needs for social, techno-economical development of region and nation through teaching, research, consultancy and service.

2.   To contribute advancing of knowledge and wisdom in science and technology for the human welfare

3.   To cultivate skill, lifestyle and habits of lifelong learning to adopt knowledge based global civilization

4.   To create highest standards of education with noble values of ethics, morality, integrity and humanity

The National Education Policy (NEP) 2020, introduced by the Government of India, aims to revolutionize the education landscape by promoting holistic, flexible, multidisciplinary education aligned with the needs of the 21st century. Implementing NEP 2020 within our institute involves strategic planning and coordinated efforts to align with its principles and objectives.

A great visionary Late Dr. Padmabhooshan Vasantraodada Patil, who nurtured a strong conviction to provide the best of professional education to the society today, has resulted in a strong educational realm.

P.V.P.I.T. Institutes, today, boasts of the best infrastructure facilities and application of diverse teaching methodologies. With highly qualified and dedicated faculties, Institute has grown leaps and bounds and will continue to do so looking for both horizontal and vertical growth patterns. The students of this Institute and wards of farmers have passed-out with higher ranking and good results and are placed in higher positions in industries/educational institutions/research organizations in and out of the Country. Institution believes in developing the overall personality of its students in order to create future responsible global citizens.

The Institute has a perspective plan for its development in accordance with its vision. Keeping in mind the previous experiences of all stakeholder suggestions and the development in the field of engineering, the perspective plan has been designed for the next five years by our institute.

These include major objectives such as accreditation by National and International bodies for all branches, permanent affiliation to DBATU University, autonomy of the institute, establishing centre of excellence and foreign collaborations for higher studies and student placement.

Better industry institute relationship through MOUs will enhance the activities of Entrepreneurship Development Cell. The institute will work for establishing and developing incubation centers required help to prospective entrepreneurs. Beside better management practices and better leadership, Institute understands that faculty members play a vital role in institutional achievements. As stated earlier through participative management, the teaching and non-teaching faculties are involved in various decision making bodies of the institute such as Governing council (GC), Internal Quality Assurance Cell (IQAC), Local Management Committee (LMC) Academic Monitoring Cell (AMC),Institute Academic Advisory Committee (IAAC) Departmental Academic Advisory Committee (DAAC), Grievance Redressal Committee (GRC), Anti-Ragging Cell, signing MoUs with academics, research and industrial institutions, liasoning with various agencies such as affiliating university, Directorate of Technical Education (DTE), Maharashtra and All India Council for Technical Education (AICTE), New Delhi.

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

6.2 Strategy Development and Deployment

6.2.1

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

Response:

The management of Institute believes in participative decision making process and strives to bring excellence by structured organization system with involvement of the entire stakeholder.All stakeholder of the institute are member of statutory bodies.

The Governing Body (GB), **College Working Committee** (CWC), **Institute Academic Advisory committee** (IAAC) and **Local Managing Committee** (LMC) are apex bodies involving representations from the management, faculty, and other stakeholders formulate policies aligned with the institute's vision and mission. All these bodies conduct regular meetings to review and improve quality in academic and administration. Institute forms various Committees/bodies/cells. The roles and responsibilities of these are properly defined that lead towards the overall development of the institute. The

perspective/strategic plan of the institute is prepared every year keeping in mind the overall development of the staff and students. As per the objectives of the institute and the strategic plan, the Academic Planner is prepared at the beginning of every academic year and implemented to achieve the objectives of outcome based education.

The Academic Planner is prepared at the institute level which includes the planning of various curricular and co-curricular activities. The Academic planner is notified to all the stake holders' include management, students, staff and parents.

The academic activities such as start of term and end of term and the schedule for mid/end term tests is notified in the planner. Each department plans their activities accordingly in order achieve the proper coordination between various departments. The schedule of expert lectures, industrial visits and refresher courses is planned and executed.

Parents meet is conducted as per the plan and interaction is held between the students, staff and parents. The students are also felicitated on this day for their achievements in various fields.

The institute has full-fledged gymkhana facility and annual sports events are planned and conducted under the supervision of faculties. .Our students participate at University and State Level Competitions and win medals.

There is also outstanding contribution by students in cultural activities and a state level Vasant Karandak is planned and held every year. Most of our past students are perusing their career in this field. The coordination of most of the programmes in the institute is managed by these students.

The NIRMITI activity is planned and held every year which is organized at national level to showcase the talent of our students in various technical events viz. paper presentation, project exhibition, robot race, contraption, quiz, debate etc.

Teacher Day, Knowledge Series and Engineers Day are celebrated every year as per planner (5th September and 12th to 15th September). Eminent personalities in all walks of life are invited and they deliver very inspiring and motivating lectures for the benefit of teaching faculty and non- teaching staff.

Institute works on a comprehensive perspective/strategic plan to achieve the overall development of the students, staff through the contribution of distinguished Alumni, Industry and Parents

File Description	Document
Upload Additional information	[View Document](#)
Institutional perspective Plan and deployment documents on the website	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.2.2

Institution implements e-governance in its operations

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

Response: A. All of the above

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

6.3 Faculty Empowerment Strategies

6.3.1

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

Response:

Performance appraisal system is an essential for ensuring that educational institutions maintain high standards of effectiveness and efficiency among both teaching and non-teaching staff. These systems provide structured methods for evaluating performance, offering feedback, and fostering professional development. While the core principles of performance appraisals are consistent, the criteria and processes for teaching and non-teaching staff can differ significantly. The institute has a very strong performance appraisal system by which the individual performance is evaluated.

List of Welfare Schemes provided by institute:

1. **Provident Fund Facility for Staff**-All eligible staff members avail the facility of Employees Provident Fund Scheme (EPF).

2. **Gratuity Fund**- Institute is providing Gratuity to regular employee which is covered by an agreement made on 2nd May 2006 with LIC Satara with a policy number, **685405**.

3. **Group Insurance for Staff** – Group, Personal, Accident Policy is provided to all employees.

4. **College uniform to non-teaching staff** - Institute provides free of cost college uniform to peons, lab attendants and sweepers.

5. **Accommodation facility for teaching and non-teaching staff-**Institute provides accommodation facility to teaching and non-teaching staff as per need.

6. **Free Bus facility for teaching and non-teaching staff -** Institute provides free bus facility to teaching and non-teaching staff as per need through student bus facility service.

7. **Financial aids for workshop/conference-**Institute provides financial support for academic development of faculty members to attend workshops, seminars, conferences etc..

8. **Welfare Funds through employee's credit society** - Institute is having employee's credit society and it provides welfare funds to faculty members.

9. **Awards -** Every year, meritorious Daughter/Son of faculty members, is awarded by employee's credit society.

10. **Medical Facility -** Doctor is appointed for health check up of faculty members and staff.

Free eye checks up camps are arranged in the institution. Yoga training is arranged for interested faculty members.

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: 15.09

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

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

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

6.3.3

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

Response: 48.59

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

2022-23	2021-22	2020-21	2019-20	2018-19
112	91	187	194	21

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

2022-23	2021-22	2020-21	2019-20	2018-19
77	84	84	89	96

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

6.4 Financial Management and Resource Mobilization

6.4.1

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

Response:

The institute is self-financed organization. The financial transactions are carried out from the income generated by the college during particular finance year.

The sources of income are **tuition fee** collected, **development fee** received from students, **testing** and **consultancy**. The tuition fee and development fee are approved by "Shikshan Shulk Sumiti", state level statutory body formed by government of Maharashtra. The approved fee for corresponding year is notified on "Shikshan Shulk Sumiti" Website. The institute receives the amount of fee from students as notified on the website only.

The total expenditures are divided into eight major heads: Establishment, direct, current library, student activities, PG expenses, miscellaneous and development.

1. **Establishment head:** Broadly, it covers all the expenses related with salaries, provident fund, gratuity, faculty development etc.

2. **Direct expenses:** The entire expenses essential for the operation of the institute are included. Rents, Electric bills, petrol, diesel, stationary, printing, generator etc.

3. **Current expenses:** All recurring expenses of departments, industry –institute interaction, R &D expenses etc.

4. **Library Budget:** expenditures for subscription of e-journals, print journals, new book purchase etc.

5. **Student activities:** All the expenditure of students related activities such as annual social gathering, annual magazine, educational tour, National level competition. Prizes to the student exhibition etc.

6. **PG expenses:** The expenditures incurred for PG courses Remuneration, Project

7. **Miscellaneous:** Security, hospitality, sanitary, Garden maintenance, medical expenses etc.

8. **Development:** all the capital expenditures for up gradation of laboratory setups.

Before commencement of academic year, budget is prepared with fallowing methodology and philosophy.

Every year budget is prepared during the month of July/ August. For the computation of income side the sanctioned strength is considered in each class and the corresponding fee is approved by Shikshan Shulk Sumiti. The admissible candidates of second year (Lateral Entry) are included in the student strength. Shikshan Shulk Sumiti also notifies the development fee. Accordingly, the development fee amount is also worked out separately.

For expenditure figures of each head, the last year actual expenditures is taken into account and a fixed percentage is enhanced or with any preplanned activity the expenditure figure is allocated.

Salary expenditure is major component under the establishment head. Its computation is made on the basis of previous figures and new appointment. The vacant posts are included in computation. The gap between vacant post and the number of appointment is bridged by appointing adhoc faculties on consolidate salary as per government of Maharashtra rule and regulations.

For hike in DA during the year separate provision is made foe DA hike. The other expenditures are computed by feedback from preceding year audited figures and inflation rate.

The budget is placed before the Governing council, Local Management committee and trustee members for approval. The development fee received during the year is distributed among all the departments on the basis of priority and student strength. The budget is utilized for capital expenditure for asset generation in each department.

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

6.5 Internal Quality Assurance System

6.5.1

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

incremental improvement in various activities

Response:

PVPIT, Budhgaon focus on imparting quality education, through its innovative, comprehensive education policy. The institution has established an IQAC for the academic excellence in July 2013. To improve teaching learning process in the institute, IQAC has its own Academic Monitoring Committee who guides all the teachers about their roles and responsibilities in teaching learning practices. Course file of individual faculty containing study material, assignments and result analysis is evaluated by academic audit committee, and the report is submitted to IQAC. The IQAC play a significant role in conduction of external academic audit that helps in finding out Students' feedback about teaching learning process is taken and all such inputs are given to the IQAC. Institute has adopted some of the best practices which have helped to monitor and report all the activities to promote transparency and student concentric approach in the institute.

The examples of practices institutionalized as a result of IQAC initiatives are as follows:

1. Implementation of online feedback :

The institute has developed feedback system to ensure and improve the quality of teaching learning process. Feedback is collected from students, alumni, employs and parents. Following parameters are considered.

1. Coverage of Syllabus
2. Organization of the course
3. Emphasis on fundamentals
4. Coverage of Mordern/Advanced topics
5. Availability of textbooks/study material
6. Usefulness of test and assignments
7. Overall rating of course
8. Pace of teaching and lecture
9. Clarity of expression
10. Level of preparation
11. Punctuality of the teacher
12. Level of interaction
13. Accessibility outside the class
14. Overall rating of teacher

2. Academic Monitoring Committee (AMC):

AMC is formed for smooth academic conduction. AMC monitors the lectures and practical on regular basis. Each department is assigned their staff representative in the academic monitoring committee. Every week monitoring report must be submitted towards coordinator of monitoring committee. As per academic monitoring report, corrective action / measure has to be taken against concern faculty by a concern HOD and accordingly to be informed to the office. Faculties must compensate the missed lectures within 15 days and must be informed prior to concern academic committee representative.

3. Research and innovation in the institute:

IIC of the institute continuously working for IPR awareness in faculty and students. IIC create awareness and educate on Intellectual property rights (IPR) among faculty and students of the institute. It guides the faculty and students on the importance of IPR. IIC conducts workshops, activities and training programs on IPR. MOU with Mycrave Consultancy services is also signed for fostering importance of Intellectual property rights (IPR) among faculty and students. It also provides guidelines on applicable laws and regulations regarding IPR. Continuous growth is observed in patents filing from faculties.

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

6.5.2

Quality assurance initiatives of the institution include:

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

Response: A. Any 4 or more of the above

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

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

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

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

Response:

Institution shows gender sensitivity in providing facilities such as:

1. Safety and Security

2. Counselling

3. Common Room

Institution promotes education, sensitive to the needs of various sections of society with special emphasis on gender equality and gender sensitivity. The ladies hostel is located in peaceful area within campus where 24 * 7 security service is provided at entrance of hostel gate. A systematic procedure of gate pass with in and out entry register is followed.

Students of both genders are given equal opportunities to grow and develop into capable, responsible citizens in future. Institute makes efforts to maintain gender balance among the student and faculty members. The ratio of number of women's at each level of working is high. The institution has installed closed circuit (CC) cameras to monitor the security and safety.

Various activities are planned, organized, and executed by girl students under guidance of the faculty members around the year. Lectures on women safety are conducted. Celebration of women's day with eminent women personalities in different sectors are invited to share their life experiences. The institute also has a big common room and outdoor facility for the recreation of students separately for boys and girls, activities such as volley ball, kabaddi, and kho-kho.

The institute celebrates various festivals to develop social sensitivity and awareness of unity, amongst the budding engineers of future India. Institute as a whole dedicates the day to all those brave leaders and freedom fighters. We at Institute arrange formal and informal events including flag hoisting and march-past in which overall conduction and arrangement done by the students only. Institute organizes a social awareness program called 'Swatch Bharat Abhiyan' since last three years. On this occasion students and staff members are involved in cleaning the institute campus. Institute celebrates Gandhi Jayanti every year 1st October. Apart from this celebration as an Engineering Institution, we celebrate "Engineer's Day" by arranging a "Knowledge Series" for staff and students. International commemorative days such as 'Women's Day', 'Yoga Day' are also celebrated by the Institute with enthusiasm. Institute celebrates "Teacher's Day" in remembrance of Dr. Servapalli Radhakrishanan with a small function. Dr.

Padmabhooshan Vasantraodada Patil Jayanti is celebrated in remembrance of the birth anniversary of freedom fighter of the Nation also Chief Minister of Maharashtra State. He was also a founder of our institute and has taken an initiative for beginning non-aided technical institute in Maharashtra State in year 1983.

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: A. 4 or All of the above

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

7.1.3

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

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

Response: A. All of the above

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

7.1.4

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

The institution believes in equality of all cultures and traditions. With diverse sociocultural background and different linguistic cultures of our Institution, we organize all types of activities to boost cultural, regional, linguistic, communal, socio economic and other diversities. Boundless fervour is seen during celebration of national festivals, birth anniversaries and memorials of great Indian personalities like Mahatma Gandhi, Sardar Vallabhbhai Patel, Pandit Jawaharlal Nehru, Dr. Bhimrao Ambedkar, Dr. Sarvepalli Radhakrishnan, Lal Bahadur Shastri. On 31st October, birth anniversary of Sardar Vallabhbhai Patel, Institute celebrates Rashtriya Ekta Diwas every year. A pledge is taken by staff and students on National Integration Day. Institute also celebrates Birth and death anniversary of our founder and Chief minister Late.Dr.Vasantdada Patil with great enthusiasm every year.

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 - 1

1. **TITLE OF PRACTICE:**

Capstone Project Evaluation Process:

1. **OBJECTIVE:**

- To enhance learning and skill development of students by contributing in capstone projects.
- To develop their research and innovation skills by giving them real-time experience in ideation and start up initiation required for industry.
- To enable them to work in teams at different levels of the project they work for.
- To boost the students for publishing research papers, product development reflecting into patents.

1. **CONTEXT:**

Project Evaluation is carried out at institute level for Final Year students at both UG and PG level. A Research Review (RR) committee is constituted every year to evaluate the Projects. Dean Research and Development Coordinates the activity and one member each from each department works as member. Members from department are suggested by the HOD of concerned department. A member should be preferably a senior faculty of the department and ideally have Ph.D. qualification as far a possible.

PG Evaluation:

Departmental Project Evaluation committee is formulated for evaluation of the project for MTech course as follows.

1. PG Coordinator of respective course.
2. Project Guide
3. One Expert from department
4. One expert to be nominated by RR committee.

The committee reviews and evaluates the project 4 time in second year, twice every semester. For every evaluation standard for assessment and methodology is circulated to every concerned. Every time the committee evaluates the progress and submit report with the suggestion for improvement in the project work. Also, the project is submitted only if the final evaluation by committee with recommendation for the submission.

UG Evaluation -

The RR committee evaluates the final year B.Tech projects four times in a year, twice in both the semester. The mid semester evaluation is carried out to assess the quality of the work carried out and suggestions are given to the students for improvement in the project quality. No evaluation is expected for the same. At the end of the semester evaluation is carried out for certain key points which determine

the quality of the project. Formats are ready and are circulated to every department and the record of the evaluation is maintained in every department. Except first mid semester evaluation every time in subsequent evaluations a review of the compliance of the earlier remarks is taken and further suggestions are given to the students. The marks allotted according to the rubrics given against each point of evaluation. Fifty percent weightage is given to the RR committee evaluation while allotting marks for continuous assessment to be submitted to the university.

Best Practice - 2

1. **TITLE OF THE PRACTICE:**

Academic Monitoring System

1. **OBJECTIVE:**

- To develop a mechanism for academic monitoring to ensure effective implementation of academic calendar for conduction of lectures and practical's.
- To ensure that effective teaching - learning is taking place throughout the semester

1. **CONTEXT:**

Academic level: This includes monitoring of academics by Principal, Dean Academics, IQAC Incharge**,** Head of Department, Departmental Academic coordinator, module coordinator, course coordinator and subject teacher.

The Academic Monitoring Committee (AMC) is headed by Head of Institution and comprises of one member from management, few senior administrative officers, Three to Eight teachers, One/Two nominees from local society, student and alumni, One/Two nominees from Employer/Industry/Stakeholders, One senior teacher as coordinator. AMC is responsible for planning and monitoring of overall academic operations, activities, procedures, functioning and maintaining all relevant documents and files.

Academic monitoring mainly involves monitoring of daily, weekly and monthly academic activities of each department in the Institute. Departmental academic monitoring committee member monitors the day to day period wise time table and alternative adjustment of class work in case of faculties on leave. A weekly report of monitoring is submitted to Incharge, IQAC. At the end of each semester a summary of conduction of total number of classes for each course is also submitted to Incharge, IQAC.

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:

1.   VSSSK Sabhasad Pallya Shikshan Shulk Soulat:

Padmabhooshan Dr. Vasantraodada Patil was a man of great vision and foresight. In 1983, as a chief minister of Maharashtra, he had proclaimed new strategies for technical education in the rural areas of the state. Under his esteemed guidance Shetkari Shikshan Mandal (SSM) Sangli has been established in September, 1983. The SSM opened a new era as a pioneer institute, to fulfill his dream of rural technocrats by starting "Padmabhooshan Vasantraodada Patil Institute of Technology (P.V.P.I.T.)."

Vision: The chief vision of P.V.P.I.T. is to be the forefront of the education to satisfy the local, national, and global needs, and to meet short term and long term engineering man power needs for social technoeconomical development of the region and the nation, through teaching, research, consultancy and services.

Priority: PVPIT being located in a rural place called Budhgaon has majority of aspirants who belong from near-by villages and many of them are from farmer families. Therefore, to contribute in advancing of knowledge and wisdom in science and technology for human welfare a tuition fee concession is provided for the UG and PG students who's parents are shareholders for Dr. P. V. P. Shetkari Sahakari Sakhar Karkhana (SSSK), Sangli. The concession scheme is called VSSSK Sabhasad Pallya Shikshan Shulk Soulat and a concession of about 25% (on tuition fees) is provided for qualifying UG students

2. Krushi Vishwa-2023 (Western Maharashtra's Biggest Krushi Pradarshan)

Dates: 13th January to 17th January 2023

Location: Shantiniketan Ground, Sangli Madhavnagar road, Sangli.

Student Projects Showcased

1. Cultivator with different attachments

2. Automatic mobile operated switching panel for three phase motor

3. Automatic Irrigation system

4. Vertical Bucket hydroponics

5. Soil moisture detection device

6. Solar dryer

7. IOT based Eggs incubator

*Visitor Statistics

- 139 registered visitors

- Over 1000 non-registered visitors

- Good response from farmers and all age groups

*Farmer Feedback & Requirements

1. Agriculture water treatment unit (water softener, water conditioner)

2. Automatic sprayer with different attachments, particularly designed for maize crop

*Support & Guidance

- Chairman Hon. Vishaldada Patil

- Trustee Hon. Amitdada Patil

- College Incharge Principal Dr. B.S.Patil

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

5. CONCLUSION

Additional Information :

The institute is located in rural area hence almost 70% students are from rural background. The institute takes sincere efforts to groom the students by giving them enough exposure to industry practices, aptitude & soft skills training, add on courses through workshops. Institute regularly conducts Entrepreneurship Awareness Camps.The students of the institute are reciving the awards in several reputed National events.The students won the prize in SAE-BAJA, also secured prize Go- Kart(National level carting event).The faculties are also securing the awards in their respective field.During COVID 19 Panademic the Institute faculties have attended workshops and upgraded knowledge.Also the IIC members completed the leadership talk and online sessions on innovation and became an innovation ambassador.

Concluding Remarks :

Our Institute is established in 1983,the first private Engineering institute in Maharashtra.This institute has glorious past records wherein it has developed many entrepreneurs, scientists, leaders,engineers those who have contributed for national development. Many alumni are working at top posts in government and private organizations all over the world. The institute helps the poor and deprived to complete
engineering education thus contributing to societal development.The Institute has also established an institute innovation cell in 2018,through that cell the institute has registered nearly 69 design patents.The faculties of the institution have published the research papers in the reputed journals of Springer,IEEE etc.Also attended the conference organized by CSIR. and published articles in their conference book. The placement department is trying hard to train the students to face the interview and boost the communication skills of students.Also the institute has recived the grants from the government and other organisations like Shivaji University,IKS divisions of AICTE,AICTE-Modrob .The incubation center for the institute is approved by MSME, and the establishment work is in progress .Over all the institute is doing the progress in all the aspects.