



YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

1.Name of the Institution

**Pravara Rural Engineering
College, Loni**

- Name of the Head of the institution **Dr S M Gulhane**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**

- Phone no./Alternate phone no. **02422273539**
- Mobile no **9881296329**
- Registered e-mail **principal@pravaraengg.org.in**
- Alternate e-mail **iqac@pravaraengg.org.in**
- Address **A/P- Loni, Tal. Rahata, Dist-
Ahemednagar**
- City/Town **Loni**
- State/UT **Maharashtra**
- Pin Code **413736**

2.Institutional status

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

- Location **Rural**

- Financial Status **Self-financing**
- Name of the Affiliating University **Savitribai Phule Pune University, Pune**
- Name of the IQAC Coordinator **Dr M P Nagarkar**
- Phone No. **02422273539**
- Alternate phone No. **9860566496**
- Mobile **9860566496**
- IQAC e-mail address **iqac@pravarengg.org.in**
- Alternate Email address **mahesh.nagarkar@gmail.com**

3.Website address (Web link of the AQAR (Previous Academic Year)) www.pravaraengg.org.in

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

- if yes, whether it is uploaded in the Institutional website Web link: www.pravaraengg.org.in

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.48	2019	04/02/2019	03/02/2024

6.Date of Establishment of IQAC **05/01/2018**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NA	NA	NA	NA	NA

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

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

9.No. of IQAC meetings held during the year **2**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report No File Uploaded

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

- If yes, mention the amount

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

1. The academic year 2022-23 is started with academic sessions and welcome to the newly admitted students of First Year and Laterally admitted Second year students. Feedback from various stakeholders was collected to refine the institutional process and ensuring the quality. 2. IQAC ensures and nurture an active research culture in the College through PRISM. In association with PRISM Committee, IQAC work constantly towards this objective. Besides conducting, Project competition, conference, Series of Career Counselling sessions, Expert Talks and Seminars, Webinars, FDPs, various activities of IIC, MSME, Start-ups and Entrepreneur activities were organized for students and faculty on latest technological advances and on innovation, research publishing and, Plagiarism checking etc 3. Academic and administrative audit: Academic and administrative audit has been conducted both internally as well as externally. 4. In alignment with Skill development policy of GoI, Skill Development has been a top priority for the College. Annual Quality Assurance Report of PRAVARA RURAL ENGINEERING COLLEGE, LONI regard the IQAC and Skill Development coordinator has taken up several initiatives to provide the students with the required Knowledge, Skills and Abilities, beyond the Class room teaching to equip them to face the various challenges. Institute has dedicated skill development team which work for various activities throughout the year. 5. Industrial visits and intern-ship are promoted for both students and faculty. 6. Training by professional agencies were provided to the students for career awareness. 7. National level project exhibition and national level conference was organized.

12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
<p>Pre-admission Counselling Programme</p>	<p>Institute conducts pre-admission counselling programme at various Jr. Colleges of Pravara so that the students get acquainted with the various career path, scholarships, job opportunities in the emerging fields of Science and Technology. This session is conducted during Nov-Dec month of the year.</p>
<p>To conduct mandatory Internal Academic and administrative audit</p>	<p>As per IQAC requirements, to ensure quality, internal Academic Audit was conducted once in a year which was conducted through Internal Assessment Committee appointed by IQAC. Inspection reports were submitted to the Principal while Compliance reports were submitted by all the departments. Finally action taken report was submitted to IQAC Department.</p>
<p>Preparation of SARs by five UG Programs</p>	<p>IQAC and NBA coordinator was instrumental for preparation of NBA-SAR Applications of five UG programs.</p>
<p>To conduct the PRISM Cell activities</p>	<p>Various R&D activities were conducted under the PRISM Cell such as conference, project exhibition, Innovation cell activities, MSME activities, Start-up activities and Tinkerers labs activities. In association with IIT Mumbai, Tinkerers lab was started. This lab conducts skill based training and innovation activities among the students using the equipments</p>

	like CNC Router, 3D printing, LASER Cutter, and many more in the Lab.
To conduct the PCDC cell activities	Various pre-placement, skill developments, carrier counselling sessions were organised.
Submission of AQAR 2021-22	AQAR Submitted to NAAC within the stipulated timeline
Expert talk, FDP, Project competition and other activates.	Institute and various department in association with IQAC organised numerous talks, Seminars, special lectures on aspects related to research, publications, plagiarism etc. The different departments of the College also organised a number of activities to keep the faculty and students updated with the advancements in science and technology.
Rewards for faculty to promote research culture and academic standard.	The College has recognized the academic contributions of faculty towards teaching and research. This is a major step taken towards the career advancement of the faculty members as well to improve academic standard.
To strengthen Alumni Association	A Committee of teachers was deputed to enhance the interaction with the Alumni. Various Departments organised their Annual Alumni meet to strengthen the bond between the alumni and alma mater. These alumni meet helps in securing Placement, MoUs, Industrial visits, Projects, Internship, Training, Expert talk etc.

13. Whether the AQAR was placed before statutory body?

Yes

- Name of the statutory body

Name	Date of meeting(s)
CDC	26/08/2023

14. Whether institutional data submitted to AISHE

Part A

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

- Name of the statutory body

Name	Date of meeting(s)
CDC	26/08/2023

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2022	18/01/2023

15. Multidisciplinary / interdisciplinary

The Institute is affiliated to Savitiribai Phule Pune University, Pune. The curriculum of the Syllabus is being updated every Five years. As per the revised curriculum of 2019 course which had been implemented in academic year 2019 - 2020, university introduces honours courses. The students who are then enrolled in Third Year of Engineering in academic year 2021 - 2022 Multidisciplinary subjects are provided as optional to the students in every stream of Engineering. Also in upcoming academic years more number of such multidisciplinary courses are offered by Savitribai Phule Pune University, Pune for the benefit to the Students and most important the students are also taking the benefit of the same. By availing this facility, the students get added knowledge in the subject apart from their regular course curriculum. In the Third Year of Engineering as per the provisions specified by Savitribai Pule Pune University, Pune the choice is given to the students to opt for an over and above Multidisciplinary subjects which is also having some credits. Those students who opt for these courses they get an additional skill sets and in the form of award of credit points which gets added in to their Mark sheet. Due to these multidisciplinary subjects the students get added benefit of studying the subjects in other disciplines like AI, ML, robotics, data science, cyber security, IoT VR and AR, Architecture and Town Planning, Metro Construction, Block Chain Technology, Additive manufacturing - 3D Printing, Electric Vehicles, Energy Management in Utility Systems and Systems Engineering etc. These honours courses improve skill sets and knowledge base of the students.

16. Academic bank of credits (ABC):

The ABC will be in charge of tasks including opening, closing,

and validating each student's individual academic account. Academic Bank of Credits (ABC) is a virtual/digital storehouse that contains the information of the credits earned by individual students throughout their learning journey. It will enable students to open their accounts and give multiple options for entering and leaving colleges or universities. Importance of Academic Bank of Credit (ABC). It Enables the student to drop out in any year and then exchange the credits earned so far with a certificate/diploma if they are eligible. They can redeem the credits and rejoin the same or any other institute in the future and continue their education. The ABC platform, a virtual database of credits, stores online the academic credits earned by each student individually. As mandated in NEP 2020, the initiative is meant to facilitate credit transfer of students, allowing them to move across streams and higher education institutions with ease. As per the mandate of the Savitribai Phule Pune University, Pune all the students who are enrolled for the Under Graduate Courses are registered for the Academic Bank of Credits. Total Enrolled students for ABC are: 1708. From this academic year 2022-2023, it will be mandatory for all students to open an Academic Bank of Credit (ABC) account at abc.gov.in to get admission in universities across the country. The ABC will be critical in the implementation of UGC's other provisions like dual degree, joint degree, and twinning programmes. The UGC has asked universities to offer up to 40 per cent of the courses in any programme online on SWAYAM, the central government's Massive Open Online Courses (MOOCs) platform. The credit earned through such courses will be stored in the ABC.

17.Skill development:

Skill development refers to the process of acquiring new abilities, knowledge, or expertise in a particular area. It involves enhancing existing skills or acquiring entirely new ones through systematic learning, practice, and experience. Skill development is crucial for personal growth, career advancement, and adapting to a rapidly changing world. Here are some key points to consider when it comes to skill development: 1. Identify your goals: Determine the skills you want to develop based on your personal or professional objectives. Having clear goals will help you stay focused and motivated throughout the learning process. 2. Assess your current skills: Evaluate your current skill set to identify areas where you excel and areas that require improvement. This self-assessment will help you prioritize the skills you need to develop. 3. Research and plan: Conduct research to understand the skills you want to acquire

better. Explore various resources such as books, online courses, workshops, and mentors to develop a learning plan. 4. Set achievable targets: Break down your skill development goals into smaller, manageable targets. This approach allows you to track your progress and provides a sense of accomplishment as you achieve each milestone. 5. Continuous learning: Skill development is an ongoing process. Stay curious and committed to continuous learning. Embrace opportunities to expand your knowledge and challenge yourself regularly. 6. Practice and application: Merely acquiring theoretical knowledge is not sufficient; practical application is equally important. Engage in hands-on practice and real-world scenarios to reinforce your skills and develop a deeper understanding. 7. Seek feedback: Feedback is invaluable for skill development. Actively seek feedback from mentors, colleagues, or professionals in the field to gain insights and identify areas for improvement. 8. Networking and collaboration: Engage with others who share similar interests or goals. Collaborate on projects, participate in workshops or seminars, and build a network of like-minded individuals. This not only fosters learning but also opens up opportunities for growth. 9. Embrace challenges and failure: Skill development involves stepping out of your comfort zone and taking on new challenges. Don't be afraid to make mistakes or experience setbacks. Learn from them and use them as stepping stones to progress. The Institute offers various forms of Skill Development courses which are supported by viz. 1. Maharashtra State Skill Development Scheme (MSSDS) 2. All India Council of Technical Education (AICTE) - PMKVE-TI Through above two apex bodies various different skill Development courses are organized / arranged for the benefit of the Under graduate students of all the Engineering branches. In Academic Year 2021-2022 total 15 courses were conducted through which the students got the skills in the respective areas.

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

The Institute as of now do not offer the teaching in Indian languages other than English.

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

Outcome-Based Education (OBE) is an educational approach that emphasizes defining specific learning outcomes or competencies that students should demonstrate at the end of a course, program, or educational experience. The focus is on what students can do or achieve rather than just covering a set curriculum or

completing a certain number of courses. Here are some key aspects of Outcome-Based Education:

1. Clearly defined outcomes: OBE starts with clearly defined learning outcomes or competencies that students are expected to achieve. These outcomes are specific, measurable, and observable, enabling educators to assess and evaluate student progress effectively.
2. Student-centric approach: OBE puts the learner at the centre of the educational process. It recognizes that each student is unique and may progress at different rates. Students are actively involved in the learning process, setting their goals, and taking responsibility for their learning.
3. Alignment of curriculum and assessments: OBE ensures that the curriculum, teaching methods, and assessments are aligned with the desired learning outcomes. Course content, instructional strategies, and assessments are designed to support students in achieving the specified outcomes.
4. Competency-based assessment: In OBE, assessments focus on evaluating whether students have attained the desired competencies or outcomes. Traditional exams or assignments may be supplemented by performance-based assessments, portfolios, projects, or real-world applications to assess student learning.
5. Continuous feedback and improvement: OBE emphasizes regular feedback and assessment throughout the learning process. Students receive feedback on their progress, enabling them to understand their strengths and areas for improvement. Educators use this feedback to refine teaching strategies and provide targeted support to students.
6. Transferrable skills and lifelong learning: OBE emphasizes the development of transferable skills, such as critical thinking, problem-solving, communication, and collaboration. These skills prepare students for real-world challenges and lifelong learning beyond the classroom.
7. Quality assurance and accountability: OBE promotes quality assurance and accountability in education. By focusing on specific outcomes, it becomes easier to evaluate the effectiveness of the educational program and make improvements based on evidence of student achievement.
8. Industry relevance and employability: OBE aligns educational outcomes with the needs and expectations of the industry or profession. It aims to produce graduates who possess the knowledge, skills, and competencies that are valued in the job market, enhancing their employability.
9. Flexibility and adaptability: OBE allows flexibility in designing learning experiences to meet the diverse needs of students. It recognizes that individuals may have different learning styles, interests, and starting points, and accommodates these differences to maximize learning outcomes.
10. Continuous improvement and reflection: OBE encourages educators and institutions to regularly review and reflect on the effectiveness of the

educational program. Based on evidence of student outcomes and feedback, adjustments can be made to enhance teaching and learning strategies. The Institute had adopted a regular practice in executing the curriculum based on the Blooms Taxonomy, wherein the focus is made on the Outcome Based Education so that the impact is made on the overall development of the Student knowledge gain. Whatever are the findings based on it, the remedial actions are taken so that the effectiveness in the teaching / learning process gets updated.

20.Distance education/online education:

The Institute do not offer any form of Distance Education or the Online Education courses.

Extended Profile

1.Programme

1.1	577
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	2149
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	461
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	508
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic

3.1	119
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.2	134
Number of sanctioned posts during the year	

File Description	Documents
Data Template	View File

4.Institution

4.1	33
Total number of Classrooms and Seminar halls	

4.2	531.33
Total expenditure excluding salary during the year (INR in lakhs)	

4.3	682
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

The institution is affiliated with Savitribai Phule Pune University, Pune (SPPU). The design of the curriculum and its revision are periodically prepared by University and followed by the college for effective curriculum delivery. To improve and develop curriculum skills and knowledge, the institution

encourages students to work and participate in various academic and curriculum activities. At the beginning of the academic year, lesson plans are prepared by the faculty members for the implementation of the effective curriculum. In addition to the abovementioned teaching methods, the staff members adopt tools like ICT presentations, assignments, interactions, workshops, seminars, project competitions, and computer education to enlighten the students and help them learn the curriculum effectively. Subject experts from various fields are invited for special lectures in addition to a personality development program for students and staff. The scheduled unit-wise portion completion, conduct of unit-wise tests, and assignments are effectively monitored and verified against the subject plans and attendance registers of individual staff members. Laboratory manuals and journals are prepared. The academic activities and progress of students are reviewed by the head of department with the help of class teachers, and corrective measures are discussed. Continuous assessment of students is maintained by each faculty member for laboratory courses.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://drive.google.com/drive/folders/1C4A5JLGwl4JK9GmE6epPW4phaPxBCcPE?usp=drive_link

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

An academic calendar is prepared by the concerned official at the beginning of each semester in line with the university's calendar, which consists of various curricular, extracurricular, and co-curricular activities. The calendar is uploaded to the college website. All the classes and examinations are planned as per the calendar, thus ensuring complete adherence. Compliance of Continuous Internal Evaluation with Academic Calendar

1. Classes and lab timetable: The timetable coordinator of each department prepares the timetable as per the guidelines of the affiliated university for the number of credit hours for each subject and the academic calendar prior to the start of the

semester. The timetable is uploaded to the college portal and displayed on the notice boards of every department.

2. **Internal Examinations:** The dates of the class tests I, II, and Class test-III or pre-final exam, are mentioned in the academic calendar. The detailed examination schedule is announced in advance by Dean (Academics) and respective HODs.

3. **Student feedback:** Student feedback is conducted twice a semester for each subject through online feedback forms, maintaining complete anonymity.

4. **Academic Monitoring:** The head of the department maintains a monthly monitoring report on course coverage, student attendance, and assignments provided for every subject.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://www.pravaraengg.org.in/NAAC/AC/Academic%20Calender%202022-23.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented**1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented**

09

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year**1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)**

36

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

1693

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

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

All departments in the institute have courses in their curriculum that integrate cross-cutting issues relevant to Gender, Environment and sustainability, Human Values, and Professional Ethics.

Human Values:

The college has Anti Ragging Cell to ensure a ragging-free environment. Internal complaints committee and discipline committee to take care of human values. The college has a handicap-friendly campus. The college has constructed a ramp near the staircase for physically Challenged students. A lift facility is also made available to the students.

Professional Ethics.

Soft-skills course related to professional ethics is included as a part of the curriculum of the University. The college has organized various personality development programs through skill development cells to increase the employability of students.

Courses Offering Crosscutting Issues Relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum 2019 pattern

S. N.

Point of Address

Name of the course

Class and semester

1

Environment and Sustainability

Environmental Engineering

BE Chemical Engineering -SEM-I

2

Human Values and Professional Ethics

Innovation and Entrepreneurship

BE Electronics Engineering -SEM-II

3

Developing Soft skill and Personality

SE A&R SEM-I

4

Project Engineering and Management

BE Instru and Control SEM-I

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

09

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships	
2149	
File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File
1.4 - Feedback System	
1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	D. Any 1 of the above
File Description	Documents
URL for stakeholder feedback report	https://forms.gle/tBm2gaHhNXDTAh4Q8
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File
1.4.2 - Feedback process of the Institution may be classified as follows	B. Feedback collected, analyzed and action has been taken
File Description	Documents
Upload any additional information	View File
URL for feedback report	https://forms.gle/tBm2gaHhNXDTAh4Q8
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment Number Number of students admitted during the year	
2.1.1.1 - Number of students admitted during the year	

744

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

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

365

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Assistance to weak/slow learners:

- i. Provide necessary guidance and moral support through counseling sessions by course teacher and mentors.**
- ii. Encourage to collaborate and participate in the various technical events along with bright students.**
- iii. Mentors and course teachers regularly counsel the slow learners by providing course material and sample paper solutions.**
- iv. The students are given additional assignments.**
- v. Formation of project groups combining weak and bright students.**

Motivation to bright/fast learners:

- i. The fast learners are encouraged to attend training /workshop/seminar/webinar/conference or intercollegiate fest, state and national level events etc.**

ii. Students are also motivated to appear for competitive exams

iii. Class toppers in university examination are awarded with cash prizes and trophy by the institute.

iv. Class toppers are nominated as a Class Representative and member of student council committee.

v. Encourage to participate in activities conducted by PRISM (Pravara Research, Innovation, Start-up and MSMEs) cell which provide the platform to the students to explore them about

vi. Innovation, incubation, start-up, entrepreneurs, IPR through various Institutions' Innovation Council activities.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1LCW567xBtvKonxKXpGelGELHSDjC8PV/view?usp=sharing
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
2172	118

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Pravara Rural Engineering College incorporates student-centric methods, including experiential learning, participative learning, and problem-solving methodologies, which play a crucial role in enhancing learning experiences. These approaches focus on actively engaging students in the learning process, fostering critical thinking skills, and promoting a deeper understanding of the subject matter.

1. Project Work: Student projects are powerful educational

approaches that emphasize practical, hands-on experiences to enhance learning. These methods go beyond traditional classroom instruction by actively engaging students in real-world scenarios.

2. **Industrial Visits:** Industrial visits are effective methods to expose students to real-world applications of their academic knowledge.
3. **Project-Based Learning:** Experiential learning and problem-solving skills can be effectively developed through project-based learning (PBL), a pedagogical approach that emphasizes hands-on, collaborative projects to engage students in authentic, real-world problem-solving.
4. **Industrial Internship:** Industrial internships provide students with valuable real-world experiences, allowing them to apply theoretical knowledge in practical settings. This combination enhances their understanding, skill development, and overall preparedness for future careers.
5. **NSS:** NSS primarily focuses on community service and social work, it inherently involves elements of experiential and participative learning.
6. **Student Association Activity:** Student association activities are an effective way to engage students in a range of extracurricular and co-curricular experiences that go beyond the traditional classroom setting. Student associations provide a platform for students to actively participate in various roles, activities, and events, fostering a sense of belonging, skill development, and personal growth.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://drive.google.com/file/d/1muMYbVC4kcOW-JO__J-VwpcvgYXOzBwE/view?usp=sharing

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

Information and Communication Technology (ICT) plays a crucial role in college, influencing various aspects of education, research, and overall campus management. Online platforms and educational apps to facilitate remote learning, provide resources, and enhance the overall learning experience.

The following tools are used by the Institute as ICT Tools:

1. Google Classroom is an online platform developed by Google for educational purposes, and it has become a widely used tool in the field of Information and Communication Technology (ICT) Google Classroom allows students and teachers to access resources, assignments, and discussions from anywhere with an internet connection. This flexibility supports learning beyond the traditional classroom setting.
2. Smart Classroom: A smart classroom with a smart board integrates technology to enhance the learning experience and make teaching more interactive and engaging.
3. Seminar Rooms- Seminar halls are equipped with all digital facilities.
4. Virtual Labs: ICT enables the creation of virtual laboratories, allowing students to perform experiments in a simulated environment, especially useful hands-on experience.
5. Auditorium- It is digitally equipped with a mike, projector, cameras, and computer system.
6. NPTEL Video Lectures: Video content can enhance visual learning by providing dynamic visuals, animations, and demonstrations. This can be especially beneficial for complex topics that are better understood through visual representation.

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

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

114

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

119

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

1530

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The internal assessment mechanism is characterized by its transparent and robust structure, ensuring fairness and accuracy in evaluating student performance. Transparency is achieved through clear communication of assessment criteria, objectives, and grading methods, providing students with a comprehensive understanding of expectations.

Class Test Process:

The department conducts three class tests each semester on two units.

1. Two sets of question papers are prepared by the course teacher for class tests as per the guidelines of IQAC and Bloom's Taxonomy Level (BTL) and submitted to the department scrutiny committee.
2. The department scrutiny committee verifies the quality of the question papers concerning BT Level, COs, and structure of the question paper.
3. Dean Academics selects one set of question papers and sends it to the department for conduction of the class test.
4. Assessment of answer books by course teacher based on the solution and sharing it with students within 15 days.
5. If any grievances are related to evaluation, students can report to the course teacher and HoD.
6. Class test marks are considered for term work assessment and CO-PO attainment.

Assignments Process:

Three assignments are given in each course and carry 10 marks each. Each assignment is based on two units. The assignments are

submitted by the students within the scheduled time, and assessed as per the rubrics by the course teacher. The evaluated assignments are returned to the students for their reference.

File Description	Documents
Any additional information	View File
Link for additional information	https://drive.google.com/file/d/1CE6w5etCURgUDflVMj53GjzOydXf8mxF/view?usp=sharing

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

The institute's primary focus, as stated in its mission statement, is on strengthening the teaching-learning process through rigorous assessment and evaluation. The institute closely follows all the forms introduced by SPPU. The institute has a consistent practice in conducting class tests, assignments, and tutorials which are part of formative assessment. During each semester per year, SPPU conducts semester examinations and end-semester examinations as per the university academic calendar. If any grievances related to internal and external evaluation are found then the students can report to the particular course teacher and HoD. If the grievances are found correct then necessary action will be imparted within fifteen days and brought to the notice of committee members.

File Description	Documents
Any additional information	View File
Link for additional information	https://drive.google.com/file/d/1EDXVri8cMSPYYcjKNF25Lc3a64mikGxb/view?usp=sharing

2.6 - Student Performance and Learning Outcomes

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

Program outcomes and course outcomes of the all the programmes and courses are stated and communicated to the students through institute website and displayed at important places of the institute.

The assessment tools used to gather the data for attainment of course outcomes are classified as Continuous Internal Evaluation (CIE), Semester End Examination (SEE) and Course Exit Survey.

1. Continuous Internal Evaluation (CIE)

It consists of following assessment tools Continuous Internal Evaluation (CIE):

Class Test: The questions for the class test are set as per the Bloom's Taxonomy and are mapped with respective COs of the Course. Class test question papers are scrutinized by the scrutiny committee and report is submitted to HoD. The HoD shares the findings with respective faculty member for updating the question paper. The class test papers are assessed by the course teacher.

In-semester Examination: In-semester examination is conducted by the Savitribai Phule Pune University, Pune (SPPU).

Assignments: The question items of the assignments are set as per the Bloom's Taxonomy and they are mapped with respective COs of the course.

Laboratory Experiment: The experiments are conducted as prescribed in the syllabus and add-on experiments are conducted wherever required.

Semester End Examination (SEE):

The Semester End Examination (SEE) consists of theory Examination conducted by University, OR/PR/TW Conducted by University and Final Evaluation of Projects by University

1. Course exit survey:

At the end of course, an exit survey on course outcomes is taken from the students to analyze attainment of COs.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://drive.google.com/file/d/1C4WW8a4a1a9QVuf87UOS0-XKhR_DXMoY/view?usp=sharing
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Attainment of COs through CIE, SEE and Course Exit Survey:

- Course outcome of the course.
- Mapping of COs with assessment tools.
- Attainment of COs through CIE calculated on the basis of average marks scored by the students in CIE.
- Attainment of COs through SEE calculated on the basis of average marks scored by the students in SEE.
- Direct attainment of COs is computed by considering 20% CIE and 80% SEE attainment.
- Final attainment of COs is computed by considering 90% direct attainment and 10% attainment through course exit survey.
- Final attainment of COs is compared with set attainment of COs.
- If the CO attainment gap is <-10% then retain existing target for next academic year.
- If the CO attainment gap is ? -10% then CO target for the next academic year is increased by 5%.
- If the CO attainment gap is positive then suggest remedies to bridge the gap.

Attainment of Program Outcomes (POs)

The assessment of Program Outcomes (POs) is an integral part of Outcome Based Education. Attainment of COs through In-semester and End-semester assessment contributes towards the direct attainment of POs .Course Exit Survey Program Exit Survey, Alumni Feedback, Employer Feedback, and Feedback of Activity Conducted contribute towards the indirect attainment of POs.

The POs attainment is computed using 80% of direct attainment of COs and 20% of indirect attainment through course exit survey, program exit survey, and feedback on activity conducted alumni feedback and employer feedback to bridge the curriculum gap.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://drive.google.com/file/d/1pMUPLcz9wAElkVeXKxnATZjmBVn4utBz/view?usp=sharing

2.6.3 - Pass percentage of Students during the year

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

398

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://drive.google.com/file/d/1OV00lxNnfXNDxxDWdUq411nl4OfWdO-y/view?usp=sharing

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

<https://pravaraengg.org.in/NAAC/SSS%202022-23.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

0

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

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

3.1.2.1 - Number of teachers recognized as research guides

7

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

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

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

0

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

3.2 - Innovation Ecosystem

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

The institute has established an opportunity for graduate and post-graduate students residing in rural areas to engage in the exploration of their novel ideas and the exchange of knowledge with other individuals who share similar interests. The Pravara Research Innovation Start-up and MSME (PRISM) Cell serves as a platform for fostering innovation, incubation, research, start-up, and Entrepreneurship Development Program (EDP) activities.

- The. IPR seminars, workshops, national level conferences, and project exhibitions are conducted under the R&D and Innovation and IIC Cell.
- Tinker's Lab is developed with Maker Bhavan Foundation, IIT

Bombay, to implement the innovative ideas of the students as an initiative for the creation and transfer of knowledge among the students and staff.

- The R&D and Innovation Cell insists on students and staff for the paper publication and presentation at various conferences and also encourages participation in various activities like seminars, workshops, and conferences at the institute level as well as other institutes at the state and national levels activities.
- The different departments of the institute have organized expert lectures, seminars, and workshops for the purpose of interaction between the industry and the institute.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/folders/110sc-I0az62S7b27PazSAtA_rglXPVJf

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

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

99

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

3.3 - Research Publications and Awards

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

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

8

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

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

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

23

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

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

50

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

3.4 - Extension Activities

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

The Pravara Rural Education Society is a well-known organization that strives to achieve social requirements through various activities. The institute follows the tradition of parent

organization by organizing the various extension activities in the neighborhood community of villages in sensitizing the students to social issues, good values, service orientations, good citizenship, and holistic development.

- The institute is involved in conducting many career development programs for 12th Science students.
- Every year, the institute organizes the National Social Service Scheme (NSS) camp in the nearby villages, collaborating with the Savitribai Phule Pune University. Many villagers and students participated in such activities for 07 days of camp. This camp has helped and taught me to understand the rural life of villagers and the difficulties and challenges faced by the villagers.
- The institute has a Nirbaya Social Group registered under the Govt. of Maharashtra, registration number - 152/22. Nirbaya Social Group which were continuously striving to create awareness in society regarding women's safety, women's health, and Women's Empowerment.
- The institute also has an Adarsh foundation group of students who continuously strive for social work, like creating awareness of education and skill development amongst the students.

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/folders/1mhSCmbhX4nyaVb5DUfTAS2LHMuKvgCbx
Upload any additional information	View File

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

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

1

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

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

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

8

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

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

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

740

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

3.5 - Collaboration	
3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year	
3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year	
33	
File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File
3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year	
3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year	
33	
File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File
INFRASTRUCTURE AND LEARNING RESOURCES	
4.1 - Physical Facilities	
4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.	
The PREC always follows the norms provided by AICTE and Savitribai Phule Pune University. The college building is well articulated and campus has sufficient space for all academic, administrative,	

co-curricular and extra curricular activities. The institute has 28 classrooms as per the norms of AICTE equipped with LCD/ smart board facility enabled with wifi. Each department has its own laboratories, tutorial rooms, computer lab with sufficient no of PCs alongwith softwares prescribed in curriculum.College also has central computer laboratory with 100 computers.College has tinkering laboratory sponsored by IIT alumnus for PBL and for learning through doing.PRISM a Pravara Research and Innovation centre to inculcate research aptitude amongst students.Librarary of college is having books,ebooks, ejournals, reading room facility and is managed by KOHA a LMS.Closed Circuit Television facility is available in the campus for security purpose. The institute has two well-conditioned furnished seminar halls with LCD projector and(or) smart board facility for conduction of various workshops, expert lectures and seminars for students. The institute has special facility for physically impaired person. Hostel facility is available for the boys and girls in the campus. Boys hostel having capacity of 90 rooms with 241 beds and girls hostel having capacity of 138 rooms with 408 beds. Staff quarters to accomodate 54 famillies are available in the campus for faculty. Generator along with gried tied solar PV facility is also available in the campus.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.pravaraengg.org.in/facilities.html

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

Pravara Rural Engineering College has adequate facilities for Indoor & outdoor games. College is having spacious multipurpose hall with national quality badminton court, indoor sports facility like table tennis, chess ,carom and other indor sports. College has separate gymnasium hall for boys and girls student . For outdoor games college has cricket, football ground, jogging track, basketball court, and 100m hurdle track for endurance training.College also have play grounds to play Kho-Kho, Handball, Volleyball, Kabaddi. The students are encouraged to participate in sports, music and social welfare activities at state and national level with objectives to imbibe self confidence, leadership and decision making traits their personality. Travelling and deerness

allowancee are paid to the students those whoparticipate at district, zonal, university and state level competitions. Various functions like welcome function for first year student, farewell functions for final year student, yoga day and various religious festivals are also celebrated in our college to nurture talent of students along withy academics. Students are also motivated to take Yoga as audit course and being taught in some of the department of institute. Each department of college has its own students association which organizes expert lectures, departmental level sports, cultural activities. swimming pool of education society is also available for students use.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.pravaraengg.org.in/facilities.html

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

33

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.pravaraengg.org.in/Download/infrastucturefacility/ICT%20Enabled%20Classroom%20and%20Seminar%20Hall.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

204.86

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

Data requirement for year: Upload a description of library with,

Name of the ILMS software : KOHA

Nature of Automation : Library is a Fully Automated

Version : 3.22.07.000

Year of Automation:- 2017

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://www.pravaraengg.org.in/library.htm 1

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

22.17

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

96.2

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

In PREC, Loni all computers are connected with LAN Facility of 100 Mbps Lan speed and Internet using CAT5 and CAT6 cables. Internet facility is accessible for all students and faculty within the Campus. Campuses connected to central server room through LAN which provides internet facility of 70 Mbps speed. All departments has their own computing facility for their faculty and students. Digital Library and E-Journals accessible for Students and Staff in the campus. Online Exams are conducted in Central Computing lab and in all Departmental Labs. Sufficient number of Computers with latest configuration and Devices are present in all department. Central computing facility with 100 nodes is available for First Year students. Wi-Fi is available in Campus for Students and Faculty Members. Classrooms and laboratories are well equipped with LCD projectors and a PC with internet connectivity. Faculties

use such facilities to make the teaching learning process in classroom and laboratory more effective. Language laboratory is available for students to improve their English skills.

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

4.3.2 - Number of Computers

682

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

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

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

531.33

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

Cleaning work of passages, washrooms, outer wall area of Administrative buildings, staff quarters, boy's hostels, girl's hostels, and internal roads of campus, boys and gents common rooms and other cleaning work is given to civil maintenance department for cleaning. Class Rooms: Well-furnished class rooms are cleaned every day by peons of respective departments and its record is maintained. Tutorial Rooms: Tutorial rooms are cleaned every day at departmental level. Laboratories: Laboratory in-charge, laboratory assistant and laboratory attendant look after cleanliness and maintenance of laboratories. Every year budget for new dead stock equipment's, consumables and maintenance is proposed to management through HOD and Principal. Seminar Halls : Maintenance of seminar halls of every department is done by technical assistant of that department. Equipment: All laboratories of every department have maintenance register. Equipment's are regularly monitored. Computers : Team of technicians of System department, laboratory incharge is responsible for maintenance of computers. Central Library : Book shelves, racks and entire library are daily cleaned using vacuum cleaner. Internet : System head, System administrator and team of technicians look after the maintenance of daily band width, usage, band width allocation. Electricity : Institute has electrical maintenance department, which looks after electrical maintenance.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

1809

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

318

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above
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File Description	Documents
Link to Institutional website	https://drive.google.com/file/d/1kJIqOGHn6h0ppa8b_DttnRnbbE90zGvh/view?usp=sharing
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

2149

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

2149

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

304

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

08

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

3

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

5.3 - Student Participation and Activities

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

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

16

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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

PREC has Student Council formed as per the guidelines given by Savitribai Phule Pune University Pune, under the provision of section 40(2) (b) of the Maharashtra Universities Act, 1994 to

conduct various cultural / University activities during every academic year. Formation of student council is as follows: Class Representative is the topper from each class. President will be from final year and topper from Third Year Examination amongst all programs. General secretary is from Third Year and topper from Second Year Examination amongst all programs. Gymkhana Secretary and Cultural Secretary are selected from the applications received and interviews in front of committee members. There are two posts for Ladies Representative, one from Second/Third Year and one from Final year. These Ladies Representatives must be Class Representatives of their respective classes. NSS representative is appointed by NSS Programme officer.

Office Bearers Committee:

Principal

Chairman

Dean Academic

Member

FE coordinator

Member

Student Welfare Officer

Member

Co-ordinator Cultural Activities

Member

N.S.S. Programme officer

Member

Director, Physical Education

Member

Student council Coordinator

Member

Lady Faculty Member

Member

Students are actively involved in following different committees:-

- Library committee
- Cultural Committee
- College Academic committee
- Discipline & Anti-Ragging Committee
- Sports Committee
- Hostel committee
- Health & Public Awareness Committee
- Different gathering committees
- Workshop/Seminar/Conference committee
- Sexual harassment committee

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

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

20

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	View File

5.4 - Alumni Engagement

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

We at PREC Loni are proud of our alumni connect. PREC Loni has its alumni association(Registration number Maharashtra/614/04/Ahmednagar). Mr. Satish Khade, Director, Apex Construction Company, Pune is the President and Mr. Sharad Kale Patil, Proprietor, Superb Telecom, Ahmednagar is the Vice President. Alumni are our major strength. College started in 1983 and till date 14315 students have passed from the institute, 519 are settled in abroad, India, and 275 are entrepreneurs. Majority of them are well connected with the institute and participate in various initiatives of alma mater to foster the skills among juniors. To facilitate this contribution/services the "Pravara Alumni Relations Cell" was formulated as per the vision of the Honourable Chairman Shri. Radhakrishna Vikhe Patil. He witnessed the tremendous success Pravara alumni have achieved in their life and aspired to see the same success in the lives of each student of Pravara. He conceptualized that all the alumni of Pravara irrespective of which institution they belong, should be brought on a single platform. The sole aim of Pravara Alumni Relations Cell is to create an ecosystem wherein each individual is enriched due to interacting with the other. Since its inception, the cell has been instrumental in connecting alumni to alumni; alumni to the institution. Various activities are regularly being conducted under its purview; such as expert lectures, mentoring, project guidance, webinars, Mock interviews and support for various Industry Institute Interaction activities including placement and internship.

File Description	Documents
Paste link for additional information	https://alumni.pravara.in/
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

A. ? 5 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Quality Policy:

Pravara Rural Engineering College, Loni is dedicated to providing quality education and services to our students. We strive for excellence in everything we do, ensuring that our education meet the highest standards of quality and to exceed the expectations of our stakeholders. We embrace a culture of continuous improvement, seeking innovative ways to enhance our education.

Quality Objectives:

Specific quality objectives of Pravara Rural Engineering College are based on Institute's vision, mission and strategic priorities.

Nature of Governance:

The nature of governance of an institute refers to the system and processes through which the institute is directed, controlled, and managed. It encompasses the structures, policies, and decision-making mechanisms that guide the institute's operations and ensure its effectiveness, accountability, and sustainability.

Institute Vision:

Enrich the youth with skills and values to enable them to contribute in the development of society: nationally and globally.

Institute Mission:

To provide quality technical education through effective teaching-learning and research to foster the youth with skills and values to make them capable of delivering significant contribution in local to global development.

File Description	Documents
Paste link for additional information	https://www.pravaraengg.org.in/abtinst.htm <u>1</u>
Upload any additional information	View File

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

All the academic activities are decentralized and departments function independently as per academic calendar. The PREC, follows the decentralized governance to an important level. Regular meetings are conducted with the HOD by Principal. The suggestions and opinions of the members are considered. HOD's are assigned with the academic and administrative work. The departmental meetings are conducted by the HOD's with the teaching staff focusing on improving the academics, co-curricular and extra curriculum activities. Various academic works are assigned to the faculty such as timetable, planning of teaching/lesson plans, preparation of course material and work dairy. These are reviewed by the concerned HOD's at the end of the month. The academic responsibilities are fairly divided among all the staff members. Faculty members from all departments enthusiastically contribute as member/head in functional committees. In addition to this, faculties are involved in various decision making processes of the institute. viz various College Committees.

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/folders/1sTe815NcrMThzTC9ONnIrR0hyrW4yVvP
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Strategic planning is essential to accomplish the Vision and Mission, which it dreams of Strategic planning. It is a continuous process with a specific focus on accomplishing institutional goals. Strategic Planning and deployment document (SPDD) is based on analysis of current situation and future opportunities and visualizes the direction towards which the organization should

move to achieve its set goals and objectives.

Vision:

Enriching the youth with skills and values to enable them to contribute in the development of a global society

Mission:

Provide quality technical education through effective teaching-learning and research to foster skilled youth with values capable of delivering significant contribution in local to global development

Brief summary of the strategic plan and deployment approach.

1. Implementation of effective Teaching-Learning and Evaluation Process.
2. Organization of Soft/Technical Skill based Training and Value added courses.
3. Promotion of Research, Innovation and Extension activities.
4. Enhancement of Training & Placement activities.
5. Student Support
6. Staff Empowerment.
7. Administrative
8. Admissions

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://drive.google.com/drive/folders/1Te815NcrMThzTC9ONnIrR0hyrW4yVvP
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Governing Body: It is the apex body of PREC. It meets to confirm, deliberate and guide on various academic, budgetary, regulatory, addition of new courses and deletions if any. The members of Governing body are highly educated persons, drawn from various fields with rich experience and disciplines like social leaders, Industry, Education and Academic administrators.

1College Development Committee: The institute has college development committee constituted according to Maharashtra Public Universities Act, 2016. It has representation of the management, faculty and nonteaching faculty.

1The Principal reinforces the values and code of conduct by demonstrating the required behavior through his personal actions. Performance of the teaching and non-teaching staff is reviewed through a feedback system and to understand their skills through an appropriate analysis.

1Academic Dean: To conduct academic activities as per the norms of AICTE and Savitribai Phule Pune University, Pune.

1Head of Departments: To contribute to the growth of the institute. To participate in teaching, research and training program of the institute. They assist Principal in effective functioning of respective academic department.

1Training and Placement Officer: To initiate and coordinate the industrial interactions related with training and placement activities.

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/folders/1sTe815NcrmThzTC9ONnIrR0hyrW4yVvP
Link to Organogram of the institution webpage	https://www.pravaraengg.org.in/abtinst.html
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	No File Uploaded
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

EPF and Gratuity to all staff members as per policy of Institute.

Casual Leave, Medical Leave, Earned Leave and Compensatory-off facility to all staff as per Institute Policy. Maternity leave is provided for ladies staff. Vacation to all staff after completion of academics. Group Insurance scheme is provided to all staff. Uniform are provided to all class IV Security staff. Festival advance for Non-Teaching Staff. Staff Quarter Facility for teaching as well as Non-Teaching Staff. Loan facility is provided to teaching non-teaching staff members through PRES Technical Nontechnical employees cooperative Patsanstha, Loni to encourage research activities in the Institute, study leaves are granted for faculty members Pursuing Doctoral program. Wards of faculty member are given 40 concession in tuition fee of our sister institute PCPS Pravaranagar For strengthening teaching learning process Faculty members are deputed for Seminars, Workshops and Conferences on demand.

Non-teaching

EPF and Gratuity to all staff members as per policy of Institute.

Casual Leave, Medical Leave, Earned Leave and Compensatory-off facility to all staff as per Institute Policy. Maternity leave is provided for ladies staff. Vacation to all staff after completion of academics. Group Insurance scheme is provided to all staff. Uniform are provided to all class IV Security staff. Festival advance for Non-Teaching Staff. Staff Quarter Facility Loan facility is provided through PRES Technical Non-technical employees' cooperative Patsanstha, Loni Wards of faculty member

are given 40 concessions in tuition fee of our sister institute PCPS Pravaranagar.

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/folders/1sTe815NcrmThzTC9ONnIrR0hyrW4yVvP
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

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

6

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

5

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

251

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

Self-performance appraisal form is distributed to every teaching and non-teaching staff members before end of academic year. All staff members filled this form and submit to the respective department head. Department head assess form of all staff members

and make a comment on the report of activities and cross verify of the work done under each head of the activity like given below and make a remark in case of compliance

Activities

- Teaching learning process evaluation Specific duties / tasks assigned. Student performance for internal and phase examinations is reviewed along with attendance and practical skills. Workshop, Seminar, Conferences attended by Staff for improving skills and update of recent Technology
- Students Feedback
- Results of subjects taught Contribution to Institute and community work.
- Student related Contribution extension and field based activities Participation in Professional development activities
- Participation in Student welfare and discipline, Community Services (National Literacy Mission, Blood donation, \Plantation, Medical , Membership/Participation in bodies/Committees on education and National Development
- Research contribution of staff in terms of research projects, publications, guidance provided to students for involvement in research.

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/folders/1sTe815NcrMThzTC9ONnIrR0hyrW4yVvP
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Mechanism for internal audit: The board of trustees of Pravara Rural Education Society's appoints internal auditors for conducting internal audits of its institutes. The Principal and accountant take care of doing compliance of the objections raised if any.

Internal Audit

Last Audit date

Date of Compliance

Parjane Vaibhav:7709577777

Mechanism for External audit: The External auditors are appointed by the Pravara Rural Education Society's. The institution is having qualified practicing Chartered Accountant as an auditor who audits the accounts annually. After the audit, the report is sent to the management for review. The Principal and accountant take care of doing compliance of the objections raised if any.

External Audit

Last Audit date

Date of Compliance

Kadam & Company Chartered Accountant, Vedanti Building, Opp. Tarakpur bus stand, Ahmednager

18/08/2022

18/08/2022

File Description	Documents
Paste link for additional information	https://www.pravaraengg.org.in/Download/Account/BALANCE%20SHEET%202022-23.pdf
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

1.12

File Description	Documents
Annual statements of accounts	View File
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Source of income is fees collected from students, fees received from Social Welfare Department through scholarship and free ship, consultancy, grants received from Savitribai Phule Pune University under Student Welfare Scheme.

The Institute has a well-defined procedure to monitor effective and efficient utilization of available financial resources.

Yearly planning of budget under different heads is carried out in advance of the academic year. Budget required for all departmental expenditure is generated. This Budget is approved by College Development Committee and forwarded to Pravara Rural Education Society's for the approval.

Budgetary provisions are made for salary, infrastructural cost and other expenses such as electricity, consumables, semi-consumables, Equipment's, Furniture, Computer & Software, Stationary & Printing, Industry Interaction (staff Training), Organizing Expert Lecture, Organizing Workshop/Seminar, organizing FDP, Industrial visit, Printed journal & newspaper, Students paper presentation, Research activity, Functions & gathering, Repair & Maintenance, water, telephone, photocopies, postage, welfare schemes etc.

Fixed deposits, various current and savings accounts are reserved for Salary and other expenditures.

Financial audits of accounts are conducted every financial year to verify the compliance with standard processes. This mechanism monitors effective and efficient use of available financial resources.

File Description	Documents
Paste link for additional information	https://www.pravaraengg.org.in/Download/Account/BALANCE%20SHEET%202022-23.pdf
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

It was decided in IQAC that some good practices to be implemented to enhance quality of teaching learning process. Under this initiatives have been taken throughout the college.

Use of ICT in teaching- NPTEL, Study circle activities are incorporated in teaching engineering courses, Outcome based learning etc.

Use of ICT in teaching:

1. Upgradation of knowledge by enhancing faculty competencies with the use of ICT for effective learning.
2. The use of ICT has been envisaged to attempt at upgrading the teaching pedagogy in our college. It will also enhance the teaching capabilities of the teachers as facilitator of learning and help the students to gain knowledge.
3. The teachers of the college have always looked for the innovations in teaching and learning along the year. The college has requested the teachers to adopt the use of audio-visual aids.

Promotion for Research - Enhancement in research activities like awareness about research publication and funding agencies for research proposals, effective research paper writing methodologies, seminars on research methodology, etc. are carried out in correlation with IQAC. As a result of the efforts taken by IQAC faculty as well students are motivated for quality research paper writing and publications, also motivated for patent filing. Research proposals are prepared by various departments in association with RIMC for submission to various FUNDING agencies.

4. Engagement of alumni facilitates industrial visits, sponsored projects and placements.

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

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Principal, Dean Academic, HODs, committee in-charges, student representatives forms the structure to review teaching learning process.

- HOD meetings conducted by the principal help in review of the working of the college.
- HOD's conduct monthly departmental meetings in order to review the progress and performance of the department. Minor issues are discussed and solved at department level, whereas major points are discussed and are suggested at Head of the Institute level.

Methodology:

The review of teaching learning is done by following manner.

1. Preparation of Academic Calendar at the beginning of semester.
2. Taking subject Choices from faculty.
3. Departmental Time Table is prepared for classroom teaching and laboratory sessions.
4. Teaching plan & practical plan preparation by the Faculty based on academic calendar and personal Time Table at the beginning of the semester.
5. Implementations of Mentor-Mentee Scheme for improvement of Teachers- Students Interaction.

6. Implementation of Best Practices in Teaching Learning Processes.
7. An Academic Audit is done by the Audit Committee.
8. Result Analysis at the end of each examination.
9. Student feedback in each semester

Outcome:

- Academic Calendar plans the smooth schedule for the complete semester for effective teaching learning process.
- The Teaching plan and Practical Plans helps the Teachers to timely completion of curriculum and conducting examination as planned. This leads to improvement of results.

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

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	NA
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

7.1.1: Measures initiated by the Institution for the Promotion of gender equity during the year (2022-23)

Institute provides coeducation and is committed to providing safe academic and working environment to all students and women employees.

Women Grievance cell: The cell stays alert to prevent any sexual abuse towards the student and female staff. The members look after the issues received directly to the committee or on Grievance Redresses Portal and take necessary action against the complaint.

Institute has displayed Emergency contact numbers.

Institute provides security persons and CCTV surveillance throughout the campus.

Students wear ID cards.

Hostel Facility:-Separate hostel& mess facility to girls and boys students.

Bus facility is provided to girl students from hostel to college. Hostels have tie up with Pravara Medical Trust Hospital. A separate doctor is appointed for hostel girls. Institute organizes medical checkup camp for girl students in the campus.

Sanitary napkin Vending machine facility is also available in the hostel as well as in the college.

Mentor-Mentee Scheme:-For personal counseling of students mentor mentee scheme is available in institute, in which faculty members work as mentors.

Gender Equity Initiatives:-The institute provides equal opportunity to girls and boys students for participation in extracurricular activities, sports and placements. Institute organizes awareness & training programs for empowerment of women.

Common room facility is provided.

College club runs in & off campus activities for empowerment of

women .

File Description	Documents
Annual gender sensitization action plan	http://pravaraengg.org.in/wgc.html
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://pravaraengg.org.in/wgc.html

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

Policy and procedure for waste management:

- Waste management is practiced a long way in the institute.
- The solid and liquid waste in the campus is biodegradable, non-biodegradable and chemical.
- Food waste is used in the compost pit for soil enrichment
- Wastewater Utilization

1. Wastewater is collected, conveyed, detained in sump well & utilized for agriculture

Collection & conveyance:

- Wastewater from Central Wing, staff quarters is collected & conveyed through RCC pipe line in a chamber and conveyed to

sump well.

- Wastewater from workshop, Class IV quarters, Hostels is conveyed to mainline.
- Wastewater from Academic Building phase -I, Guest house, Canteen, class IV quarters is conveyed to sump well.
- Detention & natural aeration:
 - The wastewater is settled for 48 hours in sump well and conveyed to open channel for detention, aeration & utilization.
 - Utilization:
 - Water from open channel used by Agricultural College.
 - Sludge in sump well is utilized as manure.

Solid Waste Management

Solid waste in campus collected and dumped into pit. Degraded waste is used as manure.

- Bio Gas Plant
 - Bio gas plant : Capacity 4Cu.m, Installation year 2017
 - Food waste of mess fed to it.
 - Biogas used for two hour daily cooking.
 - Sludge is used as manure.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	A. Any 4 or all of the above
--	-------------------------------------

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following
1.Green audit 2. Energy audit
3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

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

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

C. Any 2 of the above

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

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

Institute believes in cultural diversity and cultural tolerance as a key to social harmony.

Tolerance and harmony towards cultural and communal diversities:

- Independence Day, Republic day are celebrated every year
- International Yoga Day, International Women's Day
- The cultural programs conducted on that day reflect national integration and harmony.
- Religious harmony is strengthened by celebrating birth anniversaries of social reformers.
- The minority cell, OBC cell and SC/ST committee are organizing meetings to ensure harmony among students.

Tolerance and harmony towards regional, linguistic diversities:

- The institute maintains and supports for holistic culture in campus. Since establishment, many Non-Maharashtra students taken admission and successfully completed graduation.
- Residence of students in hostels, has made their culture all-inclusive and supportive to each other.
- Student celebrate Shivjayanti as grand function.
- Tolerance and harmony towards socioeconomic diversities:

Earn and Learn Scheme is effectively implemented for Economically Backward Class students in which apart from University contribution, institute is also contributing for the students .theThe institute implements Government schemes like,

- Tuition Fee Waiver Scheme (TFWS), EBC and SEBC scholarship, Panjabrao Deshmukh Scheme for accommodation.
- The institute allows paying fees in installment for poor & rural background students.
- Dress code is adopted to avoid social and economic disparity.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

The institution has been established by Late. Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee) on 21st August 1983 and having the culture of serving the nation, sacrifice for the society.

The president Hon'ble Namdar Shri Radhakrishna VikhePatil is always having the thoughts of nation first and serving the society. The culture of serving the society percolates from the leadership in to top management, faculty and students.

Activities for constitutional obligations: values

The morning routine begins with the National Anthem and concludes with the National Song in the evening; this serves as a key motivator for students and supports academic discipline on campus.

- Every faculty member, students and employee respects the national anthem and national song
- Every year, faculty, employees, and students attend a great auspicious celebration to commemorate Independence Day and Republic Day.

Activities for Duties and responsibilities of citizens:

- Tobacco chewing and smoking are prohibited in college campus.
- Water saving oath is followed by every students, faculty and staff members.
- COVID-19 vaccination program was conducted at the institute.
- Tree plantation on campus / off campus programs are organized every year.
- College clubs conduct various social activities for women empowerment.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://drive.google.com/drive/folders/1ttMdkKFa9ouwmrT_5Rxx5cw0K0gzh9p50
Any other relevant information	https://drive.google.com/drive/folders/1iMnfwr7xhGkpcno4D0uXBHvIWU5Ly_cV

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

A. All of the above

professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Institution celebrates commemorative days, events and festivals under the respective coordinators. The Birth anniversary and Death Anniversary celebrations are informal and are intended to sensitize the academic world to other dimensions of human experience and knowledge, with the hope that this would enrich the lives of students and make them aware of social responsibilities and understand the implications of their actions.

The Institution is organizing the following national festival days and great Indian leader's birth anniversaries. India is world wide known for its cultural diversity and colorful festivals.

Commemorative days:

Chatrapati Shivaji Maharaj Birth Anniversary is celebrated every year in large scale and students from all disciplines take part in it rigorously. Birthday or Death anniversary of Mahatma Gandhi, Lal Bahadur Shastri, Dr. A. P. J. Abdul Kalam, Dr. Babasaheb Ambedkar, Chhatrapati Shivaji maharaj, Lokmanya Tilak, Swami Vivekanand, Padmashri Dr. Vithalrao Vikhe Patil are celebrated .

Events-

- Teacher's Day is celebrated on occasion of birth anniversary

of Dr. Sarvpalli Radhakrushnan, which is celebrated at departmental level, to show the honor and respect towards the teachers.

- Engineer's day is celebrated on occasion of birth anniversary of Sir. M. Vishweshwarayya to express gratitude towards great engineer.
- College Foundation Day is celebrated every year.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

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

Best Practice 1:

1. Title of the Practice: Development of the PRISM (Pravara Research Innovations Start-up MSME's) program

2. Objectives of the Practice:

- To promote innovation, incubation, and research-based entrepreneurship.
- To enhance student skills through working on real-life problems.
- To identify industry needs and solve those problems practically.
- Make product-based equipment useful for rural areas.

3. The context:

The main objective of the scheme is to encourage the students to innovative practices.

4. The Practices:.

The practices are implemented using PRISM Activities:

1. Institute's Innovation Council (IIC)
2. MSME Incubation Center
- 3.SPPU's Innovation and Startup Cell
- 4.Tinkerers' Lab
- 5.PREC RIMC Cell

Best Practice 2:

1. Title of the Practice: PREC Students Clubs

2. Objectives of the Practice:

- To upgrade the Innovative technical knowledge of faculties and students through different technical activities.
- To support initiatives towards protecting the self-esteem and ensuring safety of women by creating awareness in society towards women safety, empowerment, health, domestic violence, sexual harassment, and dowry.

3.The context:

The institute has number of clubs run by the students and coordinated by the teacher through which various students are getting involved in various social and technical activities at different platforms.

4. The Practices:

- 1.Adarsh Foundation Club
- 2.Nirbhaya Club
3. Space Science Club
4. Language Lab Club
5. Green Campus Club

File Description	Documents
Best practices in the Institutional website	https://www.pravaraengg.org.in/NAAC/Best%20Practices%202022-23.pdf
Any other relevant information	https://www.pravaraengg.org.in/NAAC/Best%20Practices%202022-23.pdf

7.3 - Institutional Distinctiveness

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

Pravara Rural Engineering College recognizes its privileged position as a rural institute of higher education in the nearby region and makes consistent efforts in fulfilling its social responsibility towards the downtrodden sections of society. Our institute was the first engineering college established in rural Maharashtra in the year 1983. Since then, our goal is to provide the best education possible to the rural masses through the implementation of several innovative and first-of-its-kind beneficial practices.

We believe that students must be given enough chances to exhibit their creative abilities through innovative ideas. To enhance their technical skills apart from the curriculum, several training programs are organized in our college in collaboration with the best training centres.

The NSS wing of the college conducts activities and awareness drives. Our students participate in sporting activities and represent our college at several competitions. Our asset is our alumni. Most of them are working in top positions in several countries at different geographical locations. We have a strong alumni association and every year regular alumni meet is organized.

Performance of the Institution in broader areas distinctive through the following major activities: Career Guidance Cell, Skill Development Cell, Training & Placement Cell, Internship Cell, Alumni Cell

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

7.3.2 - Plan of action for the next academic year

PREC Loni established in 1983, is a premier educational institution in Pune University. To improve quality in the various aspects of administration, academics, institute has been initiating, implementing and proposed various activities throughout the academic year. Institute identified the following plans of action for the next academic year.

1. To get NBA accreditation for all eligible departments of UG programs and and get ready to apply second cycle of NAAC
2. Faculty qualification enhancement.
3. To strengthen Outcome Based Education (OBE).
4. To improve research publications in UGC Care, Scopus indexed and SCI journals and register patents.
5. To enhance industry professionals and alumni participation in projects, visits.
6. Enhancing Soft-skills, Aptitude Skills and Technical skills of the students
7. Funded research projects through industries, government agencies.
8. To organise activities like Swach-bharat Abhiyan, lecture/seminar on women empowerment, tree plantation, street play blood donation through NSS.
9. To facilitate the implementation of the New Education Policy 2020 in the College by way of Orientation Programmes for students and faculty members.
10. Strengthening a sporting community through PREC sport club.
11. To implement PREC Career Development Centre (PCDC) and PREC students club for development of students through FDP, STTP,

seminars, conferences. human values, and student placement opportunities through campus drives.

12. To facilitate continuous upgradation of knowledge also to promote innovation, incubation and research-based entrepreneurship and to provide facility to institutes and industries for R&D through PRISM (Pravara Research Innovations Start-up MSME's).