SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

PRAVARA RURAL ENGINEERING COLLEGE, LONI

PRAVARA RURAL ENGINEERING COLLEGE A/P LONI TAL RAHATA DIST
AHMEDNAGAR (MS)
413736
www.pravaraengg.org.in

SSR SUBMITTED DATE: 18-08-2018

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

August 2018

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Pravara Rural Engineering College, located at Loni, Tal: Rahata , Dist: Ahmednagar 413736 Maharashtra, was established in the year 1983 under the support of Pravara Rural Education Society with a vision to ensure excellence in imparting quality technical education to fulfill need of the society, globally, through continual improvement. PREC offers undergraduate courses (Bachelor of Engineering) as Chemical Engineering, Civil Engineering ,Mechanical Engineering, Electronics & Telecommunication Engineering, Computer Engineering, Electronics Engineering , Instrumentation Engineering and Information Technology are approved by AICTE, Directorate of Technical Education (DTE), Government of Maharashtra and affiliated to Savitribai Phule Pune University , Pune.

PREC also offers postgraduate courses (Master of Engineering) in Chemical Engineering(Environmental Engineering), Civil Engineering(Structural Engineering),Mechanical Engineering(Design Engineering),Electronics & Telecommunication Engineering(VLSI & Embedded System), Computer Engineering(Computer Engineering), Instrumentation Engineering(Instrumentation & Control) are approved by AICTE, DTE, Government of Maharashtra and affiliated to Savitribai Phule Pune University Pune, Maharashtra.

PREC is a Private-Unaided institute with all necessary infrastructure and supporting academic activities of each department. All Laboratories are well equipped, with the modern tools as per the requirement of SPPU Pune. PREC focuses on dedicated quality teaching learning process for the excellence in academic curriculum. Teaching Learning process with high class ICT Tools are the integral part of the culture and practices at PREC Loni. Extra and Co-curricular activities entrust our students with the required skills to meet the requirement of the industries. PREC encourages to develop a research culture among students and teachers for the empowerment of society.

Vision

To serve as an outstanding and valuable resource for industry, academia and society; to become the best rural engineering college in the world

Mission

We continually strive to focus on imparting outstanding knowledge, application ability and promote research relevant to the needs of society in general and rural areas in particular; focus on all round growth of students and faculty to develop global citizens.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Visionary & Committed management with social responsibilities
- Strong support of management for development of college
- Well equipped Laboratories
- Well equipped Language Lab.
- ICT enabled class rooms, laboratories. & Seminar Halls.
- Well equipped Library with CDs, VCDs for students & staff
- Gymkhana Hall with indoor game facilities
- Fees in installments for the needy students.
- Qualified & experienced Staff members
- Mentoring system for the students exists.
- College Canteen with hygienic food at reasonable price
- Good hostel & Mess Facility for boys & girls.
- Ample Infrastructure with pleasant ambience.
- Good connectivity by road and rail.

Institutional Weakness

- Lack of soft skill among students
- Placement
- Due to financial constraints of the students the progression in higher & professional education is affected

Institutional Opportunity

- Internal revenue generation
- Development of research center in other departments.
- Training to students for competitive examinations
- Collaboration with Govt. , Non-Govt. organizations & Private organizations
- Development of incubation center

Institutional Challenge

- Remoteness of college from cities
- Admission of students
- Gap between Industry expectations and skill/ knowledge of students
- Campus drive for the placement needs to be strengthened

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

PREC, Loni is affiliated to Savitribai Phule Pune University (SPPU) and follows the guidelines of SPPU for curriculum planning and implementation. All curricular activities are planned and organized as per guidelines given by the university. Also PREC, Loni is having academic tie-up with industries for assuring the quality of curricular planning and implementation through audits. Academic Calendar is getting followed in the institute for effective planning and implementation of the curriculum. Also feedbacks are taken from the stakeholders on curriculum implementation for improvements. Faculties contribute in syllabus orientation by participating in various bodies of university.

Teaching-learning and Evaluation

PREC, Loni follows the admission process as per the guidelines given by the Government of Maharashtra and All India Council for Technical education under the aegis of State Common Entrance Test Cell and the Directorate of Technical Education, through the Centralized Admission Process (CAP Round). The students who got the admission come from different backgrounds. Backgrounds include reservation policy and management quota as per the guidelines given by DTE. PREC follows the strategy to support students to receive financial aids from Government of Maharashtra under the reservation and economically backward class policy. In our institute well Qualified, experienced and competent faculties have developed an effective Teaching Learning Process to transfer the knowledge to the students in effective manner. Healthy and Pleasant working environment at the institute level adds to the faculty's interest. Students get academic, personal guidance and social behavioral counseling from the concerned Guardian Faculty Members, Class Teachers and HODs. The Teaching, Learning Process is monitored and governed by Associate academic dean and their team. PREC Loni encouraged and supports all faculty members financially to participate in seminars, workshops, conference, Examination reforms, syllabus structure and evaluation processes of SPPU for the empowerment society and their self. PREC concentrate on continuous assessment process of students for the attainment of stated Graduate outcomes. Our institute has well defined Program Educational Objectives (PEOs) and Program Outcomes (POs) for the empowerment of student. The performance of the students in examinations and placement opportunities are the result of outcomes of these programs.

Research, Innovations and Extension

The institute is promoting Research and Development (R&D) cell activities through Central Research Committee at institute level. The Institute is budding towards research activities for which it has a distinctive R& D incentive scheme for PhD scholars, as On Duty leaves are provided for faculties who are undergoing Doctoral Programme. Also these faculties are felicitated during gatherings. The faculties are also encouraged to participate in various development programmes, workshops and conferences, to remain abreast with latest subject knowledge and technological updates. The Final year and third year students of the institute have publicized their project work in various International Journals signifying the research atmosphere is growing up. Also the Final Year students have done project work in renowned industries like TATA motors, Racold, Thermax etc. The students of Final Year Mechanical Engineering have filed two patents and have been accepted. Currently, PREC, Loni is correlated with 18 standard companies with MOU's to face current engineering problems in the market. In addition Board of College and University Development (BCUD) of Savitribai Phule Pune University supports research activities of the institute by providing research grants for

research activities. The institute visits various industries to cater practical knowledge of current trends in engineering. The Institute has organized various social activities like Swatch Bharat Pakhwada, Tree Plantation, Blood Donation and Digital Awareness through National Service Scheme (NSS). The institute pays tribute to the nation by organizing all national festivals and world yoga day etc.

Infrastructure and Learning Resources

PREC, Loni has sufficient infrastructure and well-equipped laboratories in every department as per the AICTE norms for quality Teaching Learning Process and Research. The campus is supported with boy's common room and girls common for their extracurricular activities with all the necessary facilities. All Classrooms having LCD projector internet connection for better teaching learning process. The computing facility within the PREC, Loni is supported by LAN, Wi-Fi & high speed internet connectivity. The college library consists of 1584 reference books , 43520 volumes and 19060 titles along with e-journals. The reading hall is available to all the students. Library with computing and internet facility gives easy access to Science Direct. The library has institutional membership of DELNET, National Digital Library of India. The Institute encourages the students to participate in various sporting activities. Students have access to the indoor and outdoor sports facilities in the campus. The institute offers a platform for the students to experiment their innovative projects while participating in the National competitions. Cultural activities are also encouraged in the institute and the desired support is provided through finance and infrastructure. The institute has a standby arrangement of Diesel Generator to satisfy the need of the electric power at the institute. The institute has a dedicated supervisor of maintenance of equipment and computing facilities of the institution.

Student Support and Progression

Pravara Rural Engineering College, Loni provides all government and non-government schemes as per norms of DTE Maharashtra. College felicitates the first three topper students of each department are awarded with Cash reimbursement from Rs. 1000/- to Rs. 3000/- and certificate of appreciation by management of PREC, Loni. For the Gold Medalist, college awards Rs 5000 and Gold medal also. PREC, Loni provides Earn & Learn scheme for financially backward students. Every year students are selected for this scheme. Students of the institute are encouraged with moral and financial assistance for participating in various National and International competitions and events like SAE completions, Go-Karting events etc. The institute also provides guidance towards competitive exams like GATE, GRE etc. The institute provides career counseling sessions by experts of respective fields to boost up confidence and holistic development. Extra-curricular and Co-curricular activities promoted by the institute which act as a catalyst for overall personality development of students. The institute forms a student council every year which manage annual sports, technical and cultural events within campus, now these activities are handled by student development cell under the control of Associate Dean student Development. The institute has formed various cells like to address various social forums like anti ragging, Women's Grievance &, Anti-Sexual Harassment. The institute organizes annually alumni meets which acts as a front for discussion between passed out students and faculties. The institute has training and placement cell to encounter students in present market.

Governance, Leadership and Management

The management of PREC develops the excellent and pleasant infrastructure for the execution of effective teaching learning process for the empowerment of student. The Principal along with all the heads of department provides academic leadership for the encouragement among the entire faculty and student for quality enhancement. Principal along with the heads of departments decides the strategies for entire academic year. This core team also takes review of execution of all the activities related to academic performance, research, student development, placement activities and other extracurricular activities in the institute through IQAC cell. The benchmarking of quality standards and its monitoring, evaluation of attainment will be carried out by the IQAC independently. The performance of all teaching and nonteaching staff evaluates on the basis performance appraisal system parameters and this appraisal system is well defined and presented to every faculty before finalization by governing body. Our stakeholders indirectly involve in feedback system and they give feedback to the management that is used to ensure reinforcement of the culture of excellence. Staff and students welfare scheme is also available in the institute level to create a sense of ownership. In our institute we plan financial annual budget based on the requirements of recurring and nonrecurring expenditures. The institute has developed the mechanisms for quarterly audit which ensure the budget utilization and proper documentation. The institute has developed the perspective plan which includes association with industries for the empowerment of student in terms of placement activity and staff in terms of research activity.

Institutional Values and Best Practices

Pravara Rural Engineering College is situated in lush green environment. Institute has developed green and clean environment through tree plantation, waste management, rain water harvesting, and application of (Photovoltaic) PV solar system. It has fire fighting instruments, trained security team, CCTV surveillance, Internal Complaint Committee to ensure safety and security of students and staff. Institute believes in conducting social activities for underprivileged such as computer donation to school, sport kit donation, etc. Institute has well defined organizational structure, code of conduct for student and faculty.

The best practices which have resulted in encouraging impact on the academic and administrative work environment include, National Program on Technology Enhanced Learning courses, Industry Advisory Board, Add on courses. Add on courses enhances employability skill of students. These courses helped our students to become more aware and attain specific requirement of skill set for a job profile. The foremost distinguishing practice of our institute is accomplishing student's development through providing scope, opportunities, facilities and practice. The SAE BAJA, TIFAN, SUPRA BAJA, Go-kart, mini project, PRECsion events, on field visits and social activity played important role in student development. Institute has various professional chapters like NPTEL, ISTE , IIChE , NSS (National Service Scheme), CESA (Civil Engineering Student's Association) and other students association to provide global platform for students to participate and enrich the knowledge.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	PRAVARA RURAL ENGINEERING COLLEGE, LONI
Address	Pravara Rural Engineering College A/P Loni Tal Rahata Dist Ahmednagar (MS)
City	Loni
State	Maharashtra
Pin	413736
Website	www.pravaraengg.org.in

Contacts for Communication					
Designation	**Name**	**Telephone with STD Code**	**Mobile**	**Fax**	**Email**
IQAC Coordinator	R W Gaikwad	02422-273459	9822260668	-	gaikwadrw@pravaraengg.org.in
Principal	Y.R.Kharde	02422-273204	9423787338	-	principal@pravaraengg.org.in

Status of the Institution	
Institution Status	Self Financing and Private

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details	
Date of establishment of the college	21-08-1983

University to which the college is affiliated/ or which governs the college (if it is a constituent college)		
State	**University name**	**Document**
Maharashtra	Savitribai Phule Pune University	[View Document](#)

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

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	**Recognition/Approval details Institution/Department programme**	**Day,Month and year(dd-mm-yyyy)**	**Validity in months**	**Remarks**
AICTE	[View Document](#)	04-04-2018	12	

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

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

Location and Area of Campus				
Campus Type	**Address**	**Location***	**Campus Area in Acres**	**Built up Area in sq.mts.**
Main campus area	Pravara Rural Engineering College A/P Loni Tal Rahata Dist Ahmednagar (MS)	Rural	52.7	37838

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	**Name of Programme/Course**	**Duration in Months**	**Entry Qualification**	**Medium of Instruction**	**Sanctioned Strength**	**No.of Students Admitted**
UG	BE,Chemical Engineering	48	HSC	English	60	58
UG	BE,Civil Engineering	48	HSC	English	60	56
UG	BE,Computer Engineering	48	HSC	English	60	59
UG	BE,Electronics Engineering	48	HSC	English	60	21
UG	BE,Electronics And Telecommunication Engineering	48	HSC	English	60	39
UG	BE,Instrumentation And Control Engineering	48	HSC	English	30	15
UG	BE,Information Technology	48	HSC	English	30	28
UG	BE,Mechanical Engineering	48	HSC	English	120	93
PG	ME,Chemica	24	BE	English	18	6

	l Engineering					
PG	ME,Civil Engineering	24	BE	English	18	18
PG	ME,Computer Engineering	24	BE	English	24	17
PG	ME,Electronics And Telecommunication Engineering	24	BE	English	24	12
PG	ME,Instrumentation And Control Engineering	24	BE	English	18	3
PG	ME,Mechanical Engineering	24	BE	English	18	8
Doctoral (Ph.D)	PhD or DPhil,Mechanical Engineering	36	ME	English	8	4

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				16				28				85
Recruited	3	0	0	3	26	2	0	28	64	21	0	85
Yet to Recruit				13				0				0
Sanctioned by the Management/Society or Other Authorized Bodies				0				0				16
Recruited	0	0	0	0	0	0	0	0	11	5	0	16
Yet to Recruit				0				0				0

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				141
Recruited	118	23	0	141
Yet to Recruit				0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				38
Recruited	36	2	0	38
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	3	0	0	9	1	0	2	0	0	15
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	1	0	0	17	1	0	62	21	0	102

Temporary Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	11	5	0	16

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

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	**Male**	**Female**	**Others**	**Total**
	8	0	0	8

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

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
Doctoral (Ph.D)	Male	4	0	0	0	4
	Female	0	0	0	0	0
	Others	0	0	0	0	0
UG	Male	1314	10	0	0	1324
	Female	551	0	0	0	551
	Others	0	0	0	0	0
PG	Male	51	0	0	0	51
	Female	42	0	0	0	42
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	30	55	41	27
	Female	11	17	17	21
	Others	0	0	0	0
ST	Male	8	5	3	5
	Female	3	2	4	3
	Others	0	0	0	0
OBC	Male	185	187	264	193
	Female	73	90	104	86
	Others	0	0	0	0
General	Male	170	192	135	174
	Female	87	94	73	78
	Others	0	0	0	0
Others	Male	5	9	2	3
	Female	2	2	1	0
	Others	0	0	0	0
Total		574	653	644	590

3. Extended Profile

3.1 Program

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

Response : 384

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of programs offered year-wise for last five years

2017-18	2016-17	2015-16	2014-15	2013-14
15	15	14	14	13

3.2 Students

Number of students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1962	2041	2311	2222	2264

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

2017-18	2016-17	2015-16	2014-15	2013-14
1080	1080	1080	1080	1065

File Description	Document
Institutional data in prescribed format	View Document

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

2017-18	2016-17	2015-16	2014-15	2013-14
486	656	703	604	556

File Description	Document
Institutional Data in Prescribed Format	View Document

3.3 Teachers

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

2017-18	2016-17	2015-16	2014-15	2013-14
117	140	134	129	125

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

2017-18	2016-17	2015-16	2014-15	2013-14
116	148	148	142	135

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

3.4 Institution

Total number of classrooms and seminar halls

Response : 33

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

2017-18	2016-17	2015-16	2014-15	2013-14
398.38	584.68	502.29	576.17	361.69

 Number of computers

Response : 710

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

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

Response:

The institution is affiliated to Savtribai Phule Pune University, Pune (SPPU). 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 skill and knowledge the institution encourages students to work and participate in various academic and curriculum activities. In the beginning of the academic year, lesson plans are prepared by the faculty members for implementation of the effective curriculum. To compete with the technological demands of the modern era, college insists the faculty members to follow innovative pedagogy of teaching methods such as internet, LCD projectors along with traditional chalk and talk method. In addition to the above mentioned teaching methods, the staff members adopt tools like ICT presentations, assignments, interactions, workshops, seminars and computer education to enlighten the students to learn the curriculum effectively. Subject experts from various fields are invited for special lectures in addition to personality development programme for students and staff. The scheduled unit wise portion completion, conduction of unit wise tests and assignments are effectively monitored and verified against the subject plans and attendance registers of individual staff members. The course structure and contents of all the programmes are available on the university website. Before the commencement of the semester, courses are allocated to respective faculty based on their specialization, experience and choice. Department wise academic calendar, class time table and laboratory time table are prepared. Faculty develops teaching plan / practical plan / tutorial plan as per guidelines received from the university. The course files are prepared / updated by respective faculty. Laboratory manuals / journals are prepared. The monthly attendance record is prepared by class In charge and displayed on notice board. The letters are sent to the parents of defaulter students. The academic activities and progress of students are reviewed by head of the department with the help of class in charge and corrective measures are discussed with the faculty. Continuous assessment of students is maintained by each faculty for laboratory course. The planning for project and seminar work is done at the beginning of respective semester. The students are encouraged to carry out their projects in collaboration with industries. Monitoring of Academics is done regularly. Departmental library is an add-on facility for faculty and students. Industrial visits and field visits are organized regularly to support curriculum delivery. Remedial classes are arranged for backlog students. Book bank facility is provided for students through Central Library. Institute is having ample number of e- books, e-journals, to cope up with recent trends and demands of industry. Students are motivated for Paper presentation, publications and participation in Workshops/Seminars/Conferences, Project Exhibitions/Competitions. Multiple Choice Questions (MCQs) are provided to First and Second year students for practice of online examination. NPTEL and Language laboratory resources are provided to staff and students for qualitative learning.

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

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

Response: 25

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

2017-18	2016-17	2015-16	2014-15	2013-14
6	13	6	0	0

File Description	Document
Minutes of relevant Academic Council/BOS meetings	[View Document](#)
Details of the certificate/Diploma programs	[View Document](#)

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

Response: 83.72

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

2017-18	2016-17	2015-16	2014-15	2013-14
34	30	19	16	09

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

1.2 Academic Flexibility

1.2.1 Percentage of new Courses introduced out of the total number of courses across all Programs

offered during last five years

Response: 22.4

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

Response: 86

File Description	Document
Minutes of relevant Academic Council/BOS meetings.	<u>View Document</u>
Details of the new courses introduced	<u>View Document</u>
Any additional information	<u>View Document</u>

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

Response: 100

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

Response: 15

File Description	Document
Name of the programs in which CBCS is implemented	<u>View Document</u>
Any additional information	<u>View Document</u>

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

Response: 33.78

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

2017-18	2016-17	2015-16	2014-15	2013-14
480	2024	705	127	205

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

1.3 Curriculum Enrichment

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

Response:

PREC is taking continuous efforts for integrating cross cutting issues and the description of the efforts is as follows:

1. Gender:

College is having Internal Complaint Committee (ICC), Grievance Redressal Committee and Anti-Ragging Committee to play a vital role for addressing the issues related to gender such as harassment, ragging and gender equity awareness, etc. A range of programs are conducted through these committees and NSS Unit of the college. .

2. Environment and Sustainability:

To address this issue, SPPU has added various courses into curriculum like Environmental Engineering-I, Basic Civil and Environmental Engineering, Infrastructure Engineering, Audit Course, Power Plant Engineering, Energy Audit and Management to address the issue.

Additional to this, institute uses standard procedure for waste disposal, water recycling, and rain water harvesting. Various awareness programs are organized through NSS committee related to environment and sustainability.

3. Human Values:

To address this issue, SPPU has added various courses into curriculum like Soft Skills, Audit Course to address the issue.

4. Professional Ethics:

To address this issue, SPPU has added various courses into curriculum like Soft Skills, Employability Skill Development, and Awareness to Civil Engineering Practices to address the issue.

File Description	Document
Any Additional Information	
Link for Additional Information	

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

Response: 30

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

Response: 30

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

1.3.3 Percentage of students undertaking field projects / internships

Response: 72.43

1.3.3.1 Number of students undertaking field projects or internships

Response: 1421

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

1.4 Feedback System

1.4.1 Structured feedback received from 1) Students, 2)Teachers, 3)Employers, 4)Alumni and 5)Parents for design and review of syllabus-Semester wise/ year-wise
A.Any 4 of the above

B.Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: A.Any 4 of the above

File Description	Document
Any additional information	View Document
URL for stakeholder feedback report	View Document

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

B. Feedback collected, analysed and action has been taken

C. Feedback collected and analysed

D. Feedback collected

Response: B. Feedback collected, analysed and action has been taken

File Description	Document
Any additional information	View Document
URL for feedback report	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

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

Response: 1.25

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

2017-18	2016-17	2015-16	2014-15	2013-14
11	19	30	42	36

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

2.1.2 Average Enrollment percentage (Average of last five years)

Response: 106.07

2.1.2.1 Number of students admitted year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
590	644	653	574	685

2.1.2.2 Number of sanctioned seats year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
600	600	600	600	570

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

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

Response: 34.34

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

2017-18	2016-17	2015-16	2014-15	2013-14
338	436	367	317	391

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

2.2 Catering to Student Diversity

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

Response:

Pravara Rural Engineering College, Loni is affiliated to Savitribai Phule Pune University and approved by All India Council for Technical Education & **Directorate of Technical Education(DTE). T**he students do not directly apply to the college but apply for admission to centralized admission process (CAP) conducted by DTE Government of Maharashtra, therefore the learning levels are assessed on the basis of qualifying marks for first year and class test , student performance in the class & practicals for higher classes. The institute has its own mechanism for identifying the slow and advanced learners. The academic requirements of the students admitted are analyzed. Mentors are assigned to the group of students who assess the cognitive & academic abilities along with leadership skills, creative thinking and behavioral aspects. The students are categorized and groomed. Mentor – mentee plays a vital role in framing the whole system. Special mentoring for slow learners including assignments, hands on session, soft skills classes are organized. Value addition courses in collaboration with external agencies are conducted for enhancing technical skills as per the market requirement. In addition to this E-learning support is also provided for students so that the conceptual teaching learning process is acquired. For advanced learners self learning support for content beyond syllabus is provided. Furthermore students are encouraged to participate in various technical activities like mini project competitions, workshops & industry sponsored projects. For slow learners more emphasis is given on the pre-requisite of the subjects. This is achieved by remedial classes, simple assignments.

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

2.2.2 Student - Full time teacher ratio

Response: 16.77

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

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 0.2

2.2.3.1 Number of differently abled students on rolls

Response: 4

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

2.3 Teaching- Learning Process

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

Response:

At the beginning of each academic year, the affiliating university gives guidelines about the dates of Commencement of the semester,End of the semester,Schedule of In-Semester, End Semester, Online Examinations,Schedule of Oral, Practical Examinations.

All academic processes are carried out. Dean Academics prepares institute academic calendar in consultation with the Principal. It is then distributed to the respective departments. The time table coordinator of each department prepares Departmental Academic Calendar in consultation with Head of the Department. Considering the academic calendar, teaching plan of each course is prepared by Subject Teacher.The implementation of the syllabus is monitored by Head & Dean Academics. The entire planning

and organizing of lecture and practical schedule is done. Periodical Academic Audits are conducted. All the academic processes are designed and oriented towards student learning. Course objectives and course outcomes are defined for every course and communicated to the students. Teachers are also encouraged and sponsored to attend training programs to improve teaching and technical skills organized by the institute and by other organizations. Institute organizes in-house training programs to enable teachers on how to mentor and guide students. Final year project is yet another platform available to students for collaborative and interactive learning. Institute supports faculty to organize project competitions and student conferences so that students can demonstrate the outcome of their collaborative and interactive learning. In addition, support is also extended to following activities to make learning student centric:

- Proper planning of academic activities and course work
- Effective delivery of curriculum through interactive lecture based class room teaching and effective use of ICT tools.
- Effective monitoring of academics.
- Project-based learning to third year students by assigning mini project for selective course (as SPPU guidelines) and project to final year students .
- Experimental Learning in laboratory and field Visits.
- Industrial visit, Field visit for industrial and practical exposure to the students.
- Group learning (and assessment) and threshold-concept learning during laboratory work.
- Assignments on specific topics.
- Book bank and reading room facility to the students.
- Hands on practice in laboratory for skill development.
- Offering more than one elective subject in final year course.
- Guest Lectures of the resource person working in different area for overall development of student.
- Organizing and motivating students for attending technical events.
- Group discussion, Quiz.
- Teacher Guardian Scheme.
- Continuous assessment.
- Professional bodies student chapters.
- Departmental students association.
- Cultural programs nurture an appreciation of the rich culture, heritage and values.
- Social Service programs to develop social awareness amongst student.
- Faculty matches (Sport Activities)

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

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

Response: 100

2.3.2.1 Number of teachers using ICT

Response: 117

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

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

Response: 16.77

2.3.3.1 Number of mentors

Response: 117

File Description	Document
Any additional information	View Document

2.3.4 Innovation and creativity in teaching-learning

Response:

Institute has made a mark in Innovations and constantly pursues innovative strategies in its system with the help of different practices as elaborated below:

Laboratories are designed and developed in line with industrial requirements. The required standards are followed during conduct of experiments. Innovative operating manuals for each setup/instrument are developed by the faculty members and are made available to the students for use. Self-learning laboratory is used to design and explore transformational learning environments. The topic wise video lectures from National Programme on Technology Enhanced Learning (NPTEL) help to understand concepts in-depth. The use of virtual laboratories gives opportunity to learner for simulating/optimizing the situation. Individual understands his learning level through self-testing. E-Resources aids the faculty members to deal with abstract concepts in the classroom. Assignments are given to the students which helps them to bog down to greater details. The inherent characteristics of e-resource to use it anytime anywhere are taken advantage of which is aided by the high broadband Wi-Fi availability in the campus. Course material, power point presentations are prepared by course coordinators available. Development of specific attributes amongst the students is achieved through various cells. Honesty, hardwork, team-work, social work, national integrity and development, are imbibed amongst students through these cells purposefully through specific activities.Academic monitoring committee at the institute level and department level ensures implementation of academic plan for achieving the set targets. The established mechanism provides opportunity to the committee to get information about the status of academic activities at any given moment thereby making it feasible to take corrective actions if required. Such close monitoring has

boosted the institute results especially at final year. SWOC is carried out at institute level.To quote its use, institutional strength like faculty and infrastructure is utilized to train the candidate effectively and efficiently. The area of weakness to have strong linkages with stake holders is underlined.

To deliver curriculum effectively following innovative teaching learning processes are adopted

- NPTEL.
- Spoken Tutorials in collaboration with IIT.
- Soft Skill courses in collaboration with different agencies.
- Conducting certificate courses, value addition courses on recent trends in engineering and technology.
- To teach with alternative approaches, and relevant laboratory work and software modeling and simulation.
- Well-equipped library with subscription of e- journals.
- Effective teacher guardian scheme for addressing issues of students related to teaching learning process.

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

2.4 Teacher Profile and Quality

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

Response: 93.89

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

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

Response: 5.62

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

2017-18	2016-17	2015-16	2014-15	2013-14
11	10	6	5	4

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	View Document
Any additional information	View Document

2.4.3 Teaching experience per full time teacher in number of years

Response: 10.71

2.4.3.1 Total experience of full-time teachers

Response: 1252.58333

File Description	Document
Any additional information	View Document

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

Response: 60.47

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
15	19	17	13	14

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

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

Response: 1.14

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

2017-18	2016-17	2015-16	2014-15	2013-14
1	4	1	1	1

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	[View Document](#)
Any additional information	[View Document](#)

2.5 Evaluation Process and Reforms

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

Response:

Pravara Rural Engineering College is affiliated to SavitribaiPhule, Pune University so it has to follow all rules and regulation laid down for Examination however following efforts are carried out at departmental level for internal evaluation. The evaluation processin continual from beginning to the end of semester. It helps faculty in diagnosis, remediation, enhancement and effectiveness of teaching learning process. The internal evaluation system at Pravara rural engineering college is formative and carried away throughout the year while summative assessment of students is carried out within andat the end semester by conducting online, insemester, practical,oral and end semester examination conducted by university.

Following tools are used for continuous evaluation of the students adopted in OBE framework as :

- Class work
- Insemster examination.
- Continuous assessment of Practical's.
- Mock orals of the laboratory work.
- Attendance of the student in class.
- Class tests.
- Assignments.
- Tutorials.
- Mini Projects.
- Seminar.
- Technical Paper Presentation/Publication.
- Project work.
- Inplant Training.
- Preliminary examination for first year.

- Participation in Technical Events.
- Participation in Curricular and Extracurricular activities

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

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

Response:

Mechanism of Internal assessment is transparent and robust at Pravara Rural Engineering College as marks are entered in presence of student and signature of every student is obtained on continuous assessment sheet at end of every semester. The marks in Termwork are displayed on noticeboard for information of the student prior doing its data entry to university. For class test, assessment of test paper done by concerned faculty and answer sheets are distributed to students for their referral. Following guide lines are referred for award of marks in each term work under continuous assessment system to maintain uniformity while assessing term work marks internally at college level,

- Each practical/experiment is assessed for 10 marks
- The splitting of 10 marks is as follows
- Attendance of student in regular turn:03 marks (00 mark for absentee)
- Performance of practical and oral during practical: 04 marks
- Completion of journal within time:03 Marks
- Total marks in all experiments:B
- Marks On the basis of attendance in class: C
- Marks on the basis of tests/Assignments out of 10: D
- Total marks secured (B+C+D): S
- Total No of experiments:P
- Maximum Marks :M
- No of marks allotted to termwork: N
- Final marks awarded to student: (N)(S)/(M)

  Following guidelines are referred for awarding marks internally for seminar, technical paper presentation, project work.

- Date of registration of topic in allotted time: 15 marks
- Reduction of 03 marks each for one week late registration of topic after due date.
- Selection & Literature on Topic: 05 marks
- Consultation with guide: 10 marks
- Presentation & Question Answer: 10 marks
- Report: 10 marks

Table showing tool, frequency ,time and variety of internal assessment process:

Assessment Tool	Frequency	Time	Assessing Agency	Target	Marks	U C
In semester examination	Once in a semester	As per schedule given by university. (usually at mid semester)	University	T.E. & B.E.	30 Mark 50 Marks	Th Fo
Class Test	Twice in a semester	As per academic calendar	Subject Teacher	F.E.,S.E /M. E. Students	30 marks each test 15 marks Each Test	forFi fir fo te for
TW	Every week during practical class And at the end of semester	Continuous assessment at every week forF.E.,S.E., T.E and at end of semester by external examiner	College faculty For F.E.,S.E.,T.E and external examiner for B.E.	F.E.,S.E.,T.E. & B.E.	25 marks	La
Tutorials	Every week	Continuous assessment at every week	College Faculty	F.E.&S.E	25	La
Seminar	At the end of semester	Schedule given by University	College Faculty	T.E./ME	50	Co Sy
Project Work	Two reviews in a semester	As per academic calendar	College faculty	B.E./ME	50	Pr

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

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

Response:

Grievances related to Institute level Examination:

The students are communicated about class tests through academic calendar at the starting of the semester and also time to time through notice board. The answer papers are corrected and distributed to the students within stipulated time from the conduction of the class test. The grievances raised in the class tests are solved through the respective subject teacher.

Grievances related to University level Examination:

The administrator will be resolving the issues during the conduction of online examination in concern with the university online. During In-Semester examination temporary exam seat numbers are provided to the provisional students. The grievances related to exam form filling, name misprint on hall ticket, pending results due to documents submission pending are intimated to the university through proper channel and get it solved. The university has made an online provision for the student to apply for revaluation or photocopy if there are any doubts in the end semester examination result. The student can request for the photocopy and get it verified through the subject teacher and again apply for revaluation.

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

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

Response:

Pravara Rural Engineering College, Loni is affiliated to SPPU it follows the timeline give by affiliating authority. Also we have the AMC (Academic Monitoring Committee) which is responsible for monitoring and smooth conduction of the academic processes in the institute. Before commencement of new semester, the academic calendar is prepared Dean Academics. The departments prepare their own academic calendars based on the institute academic calendar. The internal assessment techniques adopted by the faculty for their respective subjects are communicated to the students at the start of the semester along with

the schedule to ensure well preparedness of the students for the same. The AMC schedules periodic audits to each department in order to ensure that the assessment activities mentioned in the respective academic calendar are carried out as perschedule. Various tools which are used for the assessment by the external board of committees.

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

2.6 Student Performance and Learning Outcomes

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

Response:

The program Outcomes (POs) and Program Specific Outcomes (PSOs) are displayed on each departmental notice board. The Course Outcomes (COs) are defined by the course coordinator in consultation with module coordinator and Departmental Advisory Board (DAB). In addition to this, the outcomes are conveyed to the stake holders by displaying them at appropriate locations like, college library, Institute notice board, Institute website and laboratories. The course files of the course coordinators also contains the POs, PSOs and COs. The outcomes are communicated to faculty through faculty development programs and training organized for faculty. Outcomes are frequently discussed in faculty meeting. The outcomes are made part of the course file and communicated to students in principal's address at the start of each semester. Also faculty members discuss POs, PSOs and COs. in the class while discussing lecture plan.

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

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

Response:

PREC has adopted Outcome Based Education (OBE) system which improvises the learning experience of engineering graduates so that nurturing of all program outcomes gets fulfilled. This ensures that an engineering graduate passing out of the institute, posses a sound knowledge in the particular program,

global mobility and acceptance. The institute follows the program outcomes laid by the National Board of Accreditation. The syllabus prescribed by the Savitribai Phule Pune University (SPPU) has defined Course Outcomes (CO) for some of the courses. However, if the course coordinator finds them inadequate, then the course coordinator can define additional COs for the respective subject. Each of the CO is mapped to one or more Program Outcomes (PO). The attainment of CO's is evaluated by assessing students using various assessment tools.

For attainment of course outcome two method viz. Direct assessment and Indirect assessment is used.

- Direct method displays knowledge and skills gained by the student in particular course. Marks obtained by the student are measure of knowledge and skill directly to greater extent. Therefore marks obtained by student in Class tests, University examination, oral and practical exams, term work, tutorial are considered for assessment.
- As online exam, in semester, end semester, oral, practical, project examinations are conducted by university so question wise (CO) marks are not available therefore final marks obtained by student is equally distributed amongst six co for measurement of CO
- The 60% student securing more than 60% marks is set as high(3), 60% student securing marks between 50 to 59% as medium(2) and 60 % student securing marks between 40 to 49 as low(1).

70% weightage is given to direct attainment and 30% weightage to indirect attainment

Direct Assessment:

Assessment Tool	Frequency	Time	Assessing Agency	Target	Marks
University online examinations	Twice in semester	As per schedule given by university	University	FE & SE students	25 for each online
In semester examination	Once in a semester	-"-	University	T.E. & B.E. Students	30 Mark
End semester examination	Once in a semester	-"-	University	FE,SE,TE,BE.	50 marks for FE& SE 70 Marks for TE& BE
Class Test	Twice in a semester	-"-	Subject Teacher	F.E.,S.E.,T.E. & B.E.	30 marks for each test

TW	Every week	-"-	College for FE and SE	F.E.,S.E.,T.E. & B.E.	25 marks
Practical and Oral	Every week	-"-	University	S.E.,T.E.& B.E.	50
Tutorials	Every week	-"-	College	F.E.&S.E	25
Seminar	At the end of semester	-"-	College	T.E.	50
Project Work	Two reviews in a semester	-"-	College	B.E.	50
Project work Examination	At the end of eighth semester	-"-	University	B.E.	200

Indirect method :

Assessment Tool	Frequency	Time	Assessing Agency	Target	Marks
Course Exit Survey	Ones in semester	At end of semester	College faculty	FE,SE,TE&BE.	30

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

2.6.3 Average pass percentage of Students

Response: 92.48

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 418

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

Response: 452

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

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response:

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

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

Response: 2.14

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

2017-18	2016-17	2015-16	2014-15	2013-14
2	0	0	0	0.13500

File Description	Document
List of project and grant details	[View Document]
e-copies of the grant award letters for research projects sponsored by non-government	[View Document]

3.1.2 Percentage of teachers recognised as research guides at present

Response: 20.51

3.1.2.1 Number of teachers recognised as research guides

Response: 24

File Description	Document
Any additional information	[View Document]

3.1.3 Number of research projects per teacher funded, by government and non-government agencies, during the last five year

Response: 0.43

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

Response: 11

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

Response: 129

File Description	Document
Supporting document from Funding Agency	View Document
Funding agency website URL	View Document

3.2 Innovation Ecosystem

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

Response:

The idea of starting an incubation center had gathered momentum in our college during the Academic Year 2016-2017. The idea of initiating an incubation facility in our college derives its roots from the Central Government Scheme of Atal Innovation Mission Scheme.

Objectives under the Scheme:-

- To create and nurture an atmosphere of entrepreneurship among the students and staffs.
- To provide necessary guidance support in the form of amenity, loan or monetary and logistic to the small budding enterprises started under the umbrella of incubation center.
- To enrich the knowledge of Intellectual Property Rights and Patents to the students and staffs.
- To conduct training sessions / workshops to improve and enrich entrepreneurship awareness amongst students and staffs.

To develop research aptitude

- Students are encouraged to undertake rural and social need based projects. Institute motivates students to participate in national level project competitions such as Avishkar, Dipex, Baja and Shrujan organized by other institutes / Universities.
- The projects are exhibited in the project competition and most innovative projects are awarded in order to encourage the creativity and innovation of the students.
- Students are encouraged to attend seminars / workshops / symposiums to share and express their innovative ideas.
- Principal investigators are provided with necessary infrastructural facility and autonomy.
- National and International Seminars/conferences/workshops related to research are conducted on regular basis.
- Every department has MoUs with industries and research organizations
- Institute has upgraded the library by enhancing digital library, hand books, reference books, e-journals and material related to research to boost the research environment amongst the teachers and students.
- Institute invites scientists and reputed researchers to share their experiences which enhance the research awareness in the campus.

The institute gives recognition for student innovations.

- The institute encourages students to attend research webinars.
- The institute has digital library for students which has on line research journals along with e-books.

Guiding students regarding incubating their ideas through Entrepreneurships development cell:

Our college is voluntarily facilitating constant support and amenities like dedicated floor space, fulltime internet facility, electricity, limited monetary support to departments for providing the atmosphere of entrepreneurship and startup. Necessary information about the need, objectives, and support to the cause of incubation center has been disseminated among the students and staffs.

Being a premier and among the oldest technical institute in Maharashtra, we have a strong network of our alumni who are providing their wholehearted support to the incubation center. Hence many of our alumni are well established entrepreneurs in the field of engineering are willing to provide their expertise and impetus to the undergraduate students for initiation of startups. A dedicated team of faculty members have been appointed for the cause. They provide the necessary grooming to the various innovative ideas brought to their notice and test their feasibility for sustenance and further approval.

Under the incubation center our mechanical students have developed and manufactured "Onion Harvester" in collaboration with Johndeer Pvt. Ltd. Pune,have also applied for patent.

File Description	Document
Link for Additional Information	[View Document]

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

Response: 23

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

2017-18	2016-17	2015-16	2014-15	2013-14
6	5	8	3	1

File Description	Document
Report of the event	
List of workshops/seminars during the last 5 years	

3.3 Research Publications and Awards

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

Response: Yes

File Description	Document
Institutional data in prescribed format	
Any additional information	

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

Response: Yes

File Description	Document
e- copies of the letters of awards	
Any additional information	

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

Response: 0

3.3.3.1 How many Ph.Ds awarded within last five years

3.3.3.2 Number of teachers recognized as guides during the last five years

Response: 1

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	

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

Response: 3.48

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

2017-18	2016-17	2015-16	2014-15	2013-14
69	115	127	76	62

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

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

Response: 0.5

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

2017-18	2016-17	2015-16	2014-15	2013-14
11	11	24	6	13

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

3.4 Extension Activities

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

Response:

The institution gives great importance to the amelioration of the community and giving back to society. To instill high moral values in all its students, the institution focuses on sensitizing the students to social issues and holistic development. To execute this vision, several groups and societies are formed and events and activities are planned through them.

JANIV GROUP:

A non-profitable group started by the students in the year 2012, with a mission to impact the lives of under privileged children by enabling them to maximize their potential and change their lives.Janiv Group works

primarily in the field of education.

"Janiv Group" aspires to provide each student with a strong educational foundation in English, career guidance and basic computer knowledge. "Janiv Group" encourages children to dream but more importantly, aspires to empower them to deliver their dreams.

Activities under "Janiv Group" are:

- General Awareness
- Science fair
- "Janiv Group" Art world
- "Janiv Group" Sports
- Personality Development
- Save the Girl Child
- Water Conservation awareness
- Cultural
- Career guidance
- Social Services

The students prepare for their sessions with the children and conduct classes for them that are way different from their regular classes. Interaction with the students using the language and ideas they understand, gives the students achance to create close knit attachments and bonds with them.

General awareness and career guidance:

For keeping stress at bay and for enabling the students and faculty to overcome the potential stress,

Institution organizes physical exercise and yoga sessions which are mandatory forall the students and faculty. It helps them maintain the harmony of the body and spirit. It also increases attention span, improves memory and sharpens the focus of the students. It is also instrumental for stress reduction, and emotional wellness.Yoga classes are conducted by Mr. S. R. Nimbalkar. Some benefits of this programme are:

• De-stresses students

• Increases Sharpness and concentration

• Increases Strength

• Health benefits

• Increases Flexibility and weight management

• Academic Brain Advancement

• Improves Memorizing Power

• Increases Focus

Technical guidance:

The institute has promoted the conduction of technical events precision clubs that are essential to bring like-minded individuals together and enhance their interpersonal skills by fostering team spirit. Students choose groupthat appeal to them and enroll as members. Senior faculty members facilitate these group events and guidethe members in the conduct of various co-curricular and extra curricular activities aligned to the them chosen by each group. These group activities provide the students with a platform to shed their inhibitions,become more self-driven and express themselves confidently in a forum. Some of the groups formed are

• Events group – to organize events at campus. Students who are enthusiastic in event management naturally become members of the group.

• Social service -Janiv Group movement – Initiatives to serve society and organizing blood donation camps etc are carried out by the members of this group.

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

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

Response: 17

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

2017-18	2016-17	2015-16	2014-15	2013-14
6	7	4	0	0

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

3.4.3 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 last five years

Response: 18

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

2017-18	2016-17	2015-16	2014-15	2013-14
5	4	5	1	3

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

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

Response: 31.24

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

2017-18	2016-17	2015-16	2014-15	2013-14
1645	955	175	245	158

File Description	Document
Report of the event	[View Document]
Average percentage of students participating in extension activities with Govt or NGO etc	[View Document]
Any additional information	[View Document]

3.5 Collaboration

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

Response: 122

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

2017-18	2016-17	2015-16	2014-15	2013-14
12	35	31	19	25

File Description	Document
Number of Collaborative activities for research, faculty etc	View Document

3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 66

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

2017-18	2016-17	2015-16	2014-15	2013-14
23	14	16	4	9

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

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

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

Response:

The PREC always follows the norms provided by AICTE and Savitribai Phule Pune University. The infrastructure is available to facilitate effective teaching and learning. 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 Class rooms as per the norms of AICTE. Each class room is having a facility of LCD projector to facilitate effective teaching and learning. Each class rooms are well equipped for ICT based teaching learning. Every department of the institute is well equipped with independent classrooms, laboratories, tutorial rooms and seminar hall. All the department has a separate computer laboratory with sufficient number of computers. The institution has separate Central computer laboratory with 100 computers in order to conduct the online examinations for FE and SE students. In case of change in syllabus, the institute purchases the new laboratory equipment's, books and journals for library, IT resources, etc. Departments are having a tutorial rooms to conduct the tutorials. The library has adequate number of reference books, journals. The institute also has e-journal so that faculty and students gets facility to download the papers and the books. The institute has the reading room section in library with adequate seating arrangement for students. CC TV facility is available in the campus for security and observation purpose. The institute has five well furnished Seminar halls with LCD projector facility for conduction of workshops, expert lectures, and seminar for students. One Seminar hall is provided with facility for conducting the online classes for GATE Examination. RO water facility is available in the campus.The institute has special facilities for physically disabled person.Hostel facility is available for the boys and girls in the campus. There are two hostels for boys having capacity of 201 rooms with 484 beds and one hostel for girls having capacity of 129 rooms with 431 beds. Staff quarters are available in campus for faculty. Total 54 families can avail the staff quarters facility. Generator Facility is also available in the campus. No loss no profit general store is also available in the campus for students and staff. Gymkhana facility is available to hostel students within the college premises in the early morning and evening hours.

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

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

Response:

Pravara Rural Engineering College has adequate facilities for Indoor & outdoor games. In indoor games we are having facility for table tennis, chess ,carom. In outdoor games we are having facility for Kho-Kho, Handball, Volleyball, Football, Cricket, Basket ball ,Kho-kho etc. To maintaining physical fitness of students, college has a well equipped gymkhana.

The students are encouraged to participate in sports, music and social welfare activities at state and national level, to learn the importance of self confidence, leadership and decision making traits to be inculcated in their personality. 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.

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

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

Response: 100

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 33

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

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

Response: 34.91

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

2017-18	2016-17	2015-16	2014-15	2013-14
163.47	100.03	214.92	220.44	127.84

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

4.2 Library as a Learning Resource

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

Response:

- Name of the ILMS software : KOHA
- Nature of Automation : Library is a Partially Automated
- Version : 3.22.07.000

KOHA consists of different modules such as Circulation, Cataloging, Serials, Reports, Advanced Search, Acquisitions, Tools, Patrons, Authorities, Lists. In advance search OPAC model is popular for searching the different books from the library.

Library has a book collection of **42285** books Plus 9703 E-books (Total Books **51988**) , and for proper organization of the library material, library has purchased software, 'KOHA' Library Software   which is a cloud hosting on Microsoft azure.

Software is upgraded time to time against the regular Annual Maintenance Contract. One terminal is reserved for students to search information of availability and issue of Books. Web based Library Software with Web OPAC, Email & SMS Alert etc. (Online Public Access Catalogue- OPAC) and Single Window, where Complete information about the users along with circulation status, fine status, contact details, reading & circulation history etc.

Various types of reports can be generated with the use of above mentioned software. Book database is created along with user's database. Issue and return process is fully automated and manual cards are kept as supporting documents for students and faculty. It is carried out with the help of barcode system. Each book and user's borrower card is bar coded.

The library assists faculty and students for various other activities such as:

- Reference Service
- Book Bank Service
- Digital Library Services
- Current Contents Service/journals
- Current Awareness Services/newspaper
- OPAC(Online Public Access to Cataloguing for Book Search) Service
- Previous Question Papers Access

- E-Book Services
- DELNET, NDL

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

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

Response:

PREC, Loni has a wide selection of non-academic and rare books to provide faculty and students an enriched experience.The non-academic books range from wide topics that could contribute to the development of faculty and students.

The different topics include:

Books related to personality development.

Books related to history and literature of India.

Books of biography and autobiography of eminent personalities.

Details of Collection of some of the rare books,:

Nuclear Magnetic Relaxation,N. Bloembergen ,Springer,1948

Surface engineering of metal, Burakowski ,CRC,1999

Dynamics of Rotating System, Genta Giancarlo ,Springer,2005

Modeling and simulation of high speed vlsi interconnects, Nakhla M S, Kluwer Academic Publisher,1994

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

4.2.3 Does the institution have the following:

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

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: B. Any 3 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc	View Document
Any additional information	View Document

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

Response: 30.32

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

2017-18	2016-17	2015-16	2014-15	2013-14
19.75	12.76	56.39	46.96	15.76

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	View Document
Audited statements of accounts	View Document
Any additional information	View Document

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

Response: Yes

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

4.2.6 Percentage per day usage of library by teachers and students

Response: 14.19

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

Response: 295

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

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

PREC has all computers connected with LAN facility in star topology having 100 Mbps speed and it is connected with CAT5 and CAT6 cables. Our Education society has purchased 155 Mbps (1:1) Leased line internet connection. Out of this 155 Mbps our college has allocated 60 Mbps internet connection. Internet facility is accessible for all students and faculty within the Campus. The Campus is connected to central server room through LAN. Firewall is available centrally to access the internet facility form their individual account. All departments have their own computing facility for their faculty and students. Digital Library and E-Journals facilities are available for Students and Staff in campus. Internet facility is also available in library to the students for searching necessary information if they required. Online Exams are conducted in Central Computing laboratory and in all Departmental Laboratories. Sufficient number of Computers with latest configuration and interfacing devices are present in all departments. Central computing facility with 100 nodes is available for First Year students. Wi-Fi is available in Campus for Students and Faculty Members. LCD projectors facilities are available in every Classrooms. All laboratories are well equipped with all ultra modern devices with latest configuration and PC internet connectivity. Faculties use such facilities to make the teaching learning process in classroom and laboratory more effectively. Language laboratory is available for students to improve their English skills.

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

4.3.2 Student - Computer ratio

Response: 2.76

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

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)
>=50 MBPS

35-50 MBPS

20-35 MBPS

5-20 MBPS

Response: >=50 MBPS

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

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

Response: Yes

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

4.4 Maintenance of Campus Infrastructure

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

Response: 15.49

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

2017-18	2016-17	2015-16	2014-15	2013-14
70.22	114.07	68.37	41.86	70.35

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document
Audited statements of accounts.	View Document

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

Response:

Land built up area exclusively for the college Land: 52.7 acres acres Built-up floor space: 37838 sq. m.

 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 equipments, consumables and maintenance is proposed to management through HOD and Principal. List of non-repairable equipments/instruments is prepared by concerned faculty in-charge, laboratory assistant in consultation with HOD and forwarded to Principal for Write-Off approval.

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. Equipments are regularly monitored. A team of experts look after Write-Off of material.

Computers : Team of technicians of System department, laboratory in-charge is responsible for

maintenance of computers.

Central Library : Book shelves, racks and entire library are daily cleaned using vacuum cleaner.

Dept. Library: Every department has departmental library and it is taken care at departmental level.

Internet : System head, System administrator and team of technicians look after the maintenance of daily band width, usage, band width allocation and sharing.

Electricity : Institute has electrical maintenance department, which looks after entire maintenance of electricity.

Water Supply: Sufficient water is made available to cater the need of water for drinking as well as other purposes. Ample RO water is provided in campus as well as hostels. For washrooms, garden sufficient water is made available. Cleaning of water tanks, maintenance of RO system is done periodically.

Civil Maintenance: Institute has separate department for Civil Maintenance to look after all the requirements and maintenance of buildings and all related structures.

Security: Main security officer Mr. Dengale N.B. and Tambe P.R., supervisors and watchmen look after security of entire campus including hostels. The Total campus is under CCTV camera.

Garden : College has a garden department to look after the landscaping, open auditorium and saplings, trees in campus etc. This department helps in maintaining the campus green and nature friendly.

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

Criterion 5 - Student Support and Progression

5.1 Student Support

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

Response: 54.45

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

2017-18	2016-17	2015-16	2014-15	2013-14
1199	1301	1180	1070	1091

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

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

Response: 2.41

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

2017-18	2016-17	2015-16	2014-15	2013-14
124	110	0	8	0

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

5.1.3 Number of capability enhancement and development schemes –

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

A. 7 or more of the above

B. Any 6 of the above

C. Any 5 of the above

D. Any 4 of the above

Response: A. 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	View Document
Any additional information	View Document
Link to Institutional website	View Document

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

Response: 63.37

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

2017-18	2016-17	2015-16	2014-15	2013-14
1466	1956	1415	1106	799

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

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

Response: 9.73

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

2017-18	2016-17	2015-16	2014-15	2013-14
222	278	286	168	86

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

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

Response: Yes

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

5.2 Student Progression

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

Response: 16.41

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

2017-18	2016-17	2015-16	2014-15	2013-14
79	95	103	115	98

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

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

Response: 1.85

5.2.2.1 Number of outgoing students progressing to higher education

Response: 9

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

5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 16.24

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

2017-18	2016-17	2015-16	2014-15	2013-14
9	3	8	9	3

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

2017-18	2016-17	2015-16	2014-15	2013-14
268	124	32	26	19

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

5.3 Student Participation and Activities

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

Response: 4

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

2017-18	2016-17	2015-16	2014-15	2013-14
02	02	0	0	0

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	View Document
e-copies of award letters and certificates	View Document
Any additional information	View Document

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

Response:

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:

1. Class Representative is the topper from each class.

2. General Secretary is from final year and topper from Third Year Examination amongst all programmes.

3. University Representative is from Third Year and topper from Second Year Examinationamongst all programmes .

4. Gymkhana Secretary and Cultural Secretary are selected from the applications received and

interviews in front of committee members.

5. There are two posts for Ladies Representative, one from Second Year and one from Final year

6. NSS representative is appointed by NSS Program Officer.

Following are the committee members for student council:-

1.**Office Bearers Committee:**

Principal	Chairman
Vice Principal	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

2. **Members of Students Council on Merit Basis:-** Class Representative (Toppers from all Classes)

3. Following students are nominated as members of student council as per section 40 (5) of Maharashtra Universities Act 1994.

Sr. No	Nominated as
1	General Secretary
2	Gymkhana Secretary
3	President
4	Cultural Secretary
5	N.S.S. Representative
6	Ladies Representative
7	Ladies Representative

The activity of Student Council includes:

- The student members bring forward the views and suggestions of the entire class related to the academics.
- The Student Council helps students share ideas, interests, and concerns with faculties and Principal.
- To organize State, National or University level events in every year to motivate students to participate in technical and nontechnical events.
- To organize the annual social gathering every year this includes Sport events, Project Exhibition, Art gallery, Fun-fair, Cultural program, etc.
- To celebrate Teacher day and Engineers Day.
- To organize blood donation camp, tree plantation, Yoga Day, Cleanness Day, Voter's awareness programs in association with institute level association/professional bodies, etc.
- The Council looks after the academic and extra-curricular needs of the students.
- The Council takes follow up of the demands of the students an ensures that the grievances of the students are redressed.

Representation of students on academic & administrative bodies/committees of the institution:

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

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

Response: 4

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

2017-18	2016-17	2015-16	2014-15	2013-14
04	04	04	04	04

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

5.4 Alumni Engagement

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

Response:

Alumni Association of Pravara Rural Engineering College, Loni is a prestigious association which provides the platform to the stakeholders of institution to connect with alumni across the world serving at various industries in various capacities. The association was registered with registration number Maha/614/04/Ahmednagar, under the Societies Registration Act, 1860 (Act 21) on 01/07/2004. The alumni association provides the assistance to existing students and faculties to bridge the gap between industry and institution. Indeed Alumni are the pillars for growth of Institution. Approximately we have

12,000 alumni of Pravara Rural Engineering College, Loni who are representing our institution globally.The Alumni Association (registered and functional) contributes significantly to the development of the college through financial and non financial means during the last five years which are given as under.

Non-financial activities:

- Conducting Expert lectures
- Guidance on Career building & higher studies
- Sharing information on recent trends in industries
- Organizing industrial visits
- Participating in curriculum development
- Extending help for placements & MoUs.
- Acting as brand ambassador of the Institute
- Help in sponsored projects for students
- Assistance in internships for students
- Guidance for co-curricular and extra-curricular activities

Financial activities

- Membership of alumni association
- Sponsoring rewards
- Scholarship to the students

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

5.4.2 Alumni contribution during the last five years(INR in Lakhs)
? 5 Lakhs

4 Lakhs - 5 Lakhs

3 Lakhs - 4 Lakhs

1 Lakh - 3 Lakhs

Response: <1 Lakh

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

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

Response: 10

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

2017-18	2016-17	2015-16	2014-15	2013-14
5	3	1	1	0

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

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

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

Response:

PRES's Pravara Rural Engineering College, endeavour to provide Quality technical education to all our rural students in particular, in order to (enable them) to improve their quality. Our aim is to create a quality engineering college for rural students as primary focus with built in dynamism and pragmatism to change with changing needs and aspirations of the community and its people. In order to be recognised as a responsible, fair, just and healthy technical education organization we will adopt/ have an honest, prompt, caring courteous and solution- oriented approach in all dealing with our engineering students. We will provide efficient and effective technical education related services to all with continual improvement as our basic promise, holding ourselves responsible and accountable for all functions of PREC. Thus creating a quality educational organisation with the culture of care and growth for all rural youth. PREC strives to be the heart and soul of Engineering/ Technical education in the area of Pravara and build a competent rural youth for India.

Nature of Governance: Top authorities are keen to benefit all the stake holders of the organization.

- Governing body and College development committee are the authorities to take necessary decisions to achieve the mission in alignment of vision of the institution.
- Regular visits and meetings are scheduled for addressing the issues that require the attention for the fulfillment of the vision and mission.
- Needs of current scenario are identified like sound technical knowledge along with good communication skills to face the day today challenges in the industries.
- We are committed for the overall development of the students from rural background to satisfy need of the nation through necessary training programs.
- Committee considers the suggestions by faculty, staff and the stake holders of the institute.

    Participation of teachers in decision making bodies:

    The GB approves the road map for achieving perspective goals and make financial provisions for necessary infrastructure and facilities in order to provide Quality Technical Education in Pravara area. College Development Committee (CDC) and all mandatory committees are functioning effectively to take awareness of all stakeholders.

- Institute has decentralized governance system with operational autonomy to department heads and section in charges.
- The nominated faculty members and staff are the members of the governing council and College development committee (CDC).
- The problems related to institute are put forward by these members before the management and resolved.
- Monitoring and control of various academic activities are coordinated by HODs with the help of Academic Dean and Faculty members by assigning them different portfolios apart from teaching to

involve them in the process of decision making.

- The Faculty members are involved in interaction with industries for effective implementation of memorandum of understanding (MOUs) through Placement, Industrial visits, Industrial Training, Expert Lectures from Industrial resource person, arranging Bharti Mela under the leadership of Principal, HODs and Training and Placement coordinator.
- Faculty members facilitate the students for research, innovation & entrepreneurship by arranging workshops, trainings, industrial visits, expert lectures

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

6.1.2 The institution practices decentralization and participative management

Response:

The PREC, follows the decentralized governance to a 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. In addition to this, faculties are involved in various decision making processes of the institute viz College Development Committee etc. All these committees meet and the major decisions taken are to remove delays and ensure total transparency in the procurement of items.

A case study showing procedure for the purchase of equipment in the College.

Purchase of Equipment:

- Faculty members are notified about submitting the lab requirements as per revised /changed syllabus or as per need.
- In a departmental meeting concerned subject teacher informs about the syllabus changes and the lab experiment added.
- Accordingly Lab in Charge is advised to put up the requirement with the desired specifications along with vendor's addresses.
- Consolidation of the total requirement of the department is prepared.
- Budget requirement for the same is forwarded to the Principal.
- Principal receives the budget requirement of all the departments.
- In a HOD Meeting, Principal discusses about the equipment requirements and put forward in College development committee (CDC) and GB meeting for approval.
- Principal seeks approval of Budget from CDC and GB and it is informed to all the HoDs.

- Technical Assistant prepares the requisition form and forwards it to the Principal through Lab in Charge and Head of the department.
- Principal sends it to the store/purchase officer for further correspondence with PRES purchase officer.
- Purchase officer calls the quotations from the various vendors and prepares the comparative statement (minimum three vendors).
- Purchase meeting is called in presence of management representatives, head of the departments and vendors for negotiation.
- Observing the rates and desired specifications in consultation with HOD, Vendor is finalized.
- Purchase order is placed for the procurement of the equipment.
- Vendor delivers the equipment to the respective department as per the terms and conditions specified in the Purchase Order.
- After successful installation and demonstration, 90% payment of the vendor is released and 10% is held back against bank guarantee for the period of one year.
- 10% amount is released after satisfactory performance of the equipment, ensured by lab in charge after one year.

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

6.2 Strategy Development and Deployment

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

Response:

Industry Institute Interaction:

Goal: To establish close association between industry and institute for increasing industry exposure to students and faculty members.

Action:

- Institute has invited industry experts for providing expert talk on recent trends in the field of Technology. Speakers with proven expertise from industry provides added credibility to our theoretical content. Hearing new voices provides students not only with different points-of-view, but also with potential resources they can apply in later courses.
- Our Institute has explored opportunities in Consultancy to the industry on a consistent basis. Department of Civil Engineering has provided consultancy in the field of Testing of materials, third party audit of Nagar Palika civil work, water tank stability and structural stability. Department of Mechanical Engineering has provided consultancy in the field of Tribology, Biodiesel performance

and emission testing, Vibration, Testing of Fuels, Energy, CAD/CAM, Metrology, Boilers.

- Our institute has increased the association with the Industry through signing Memorandum of Understanding (MoU) with renowned companies and institutes. Students and faculty of various departments have undergone in plant training programs in these industries. Industry Officials have delivered expert talks to students. These companies have offered in campus Placement opportunities to students. Industry experts are appointed as examiners for analysing students in examinations.

- **Department wise MOU Listed as below:**

Electronics and Telecommunication Engineering: EK Electronics Pvt. Ltd, Sivanand Electronics, Ikode Automation, Core Tech Aurangabad Pvt. Ltd., Oasis Technologies.

Instrumentation & Control Engineering: Cotmac Electronics Pvt. Ltd. Pune, DVS Technosoft Ltd, Pune, Impulse Technologies Solutions Ltd,Pune, Virtuoso Projects & Engineers Ltd, Pune.

Computer Engineering: Tata Consultancy Services, Saiinfotech Pvt Ltd, Twinkle IT Solutions, Seed InfoTech Pvt. Ltd, etc.

Mechanical Engineering: Siddhi Forge and CNC, Rucha Engineering, Nizerneshwar Dairy Pvt. Ltd. Pravaranagar,P.Dr.V.V.P.Sahakari sugar Factory, Pravaranagar.

Electronics Engineering: Wipro India Pvt Ltd, Shivanad Electronics, Nakshatra Tracks and Circuits, AL Technologies, Honeybee Automation

Information Technology Engineering: Coding Visions Infotech Pvt .Ltd., MituTechnologies, Sai Inforcrop Nashik

Civil Engineering: Gurudatta Infrastructure, Arham Constrotech Pvt Ltd, Shreeya Construction Engineers and Contractors, Cosmos Infratech Pvt. Ltd.

Chemical Engineering: Copper Track Industries, Ambad Nashik, Catapharma Chemical Pvt, Ltd, Nashik, Indwell Automation, Pune. Rastriya Chemical & Fertilizers Ltd, Alibag, Raigad. Anita Automation Navi Mumbai.

File Description	Document
Any additional information	**View Document**
Strategic Plan and deployment documents on the website	**View Document**
Link for Additional Information	**View Document**

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

Response:

PREC has well organized structure. The academics and administration of the institute is managed by following bodies.

- **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.
- **College 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.
- The **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.
- **Vice Principal** of college acts as head of administrative sections.
- **Academic Dean:** To conduct academic activities as per the norms of AICTE and Savitribai Phule Pune University, Pune.
- **Head 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.
- **Training and Placement Officer:** To initiate and coordinate the industrial interactions related with training and placement activities.
- Various statutory committees such as Internal Complaint Committee, Anti raging committee and squad, SC/ST cell and Grievance Redresal cell i.e. Internal Compliance Committee have been formed with appropriate participation as per norms.
- Some functional committees such as examination, library, academic monitoring have been formed to facilitate smooth functioning of the related activities at central level.
- Various academic and administrative support sections such as Admissions, Office Superintendent, Accounts, Research coordinator, Library, Workshop Superintendent, Physical Education, IQAC cell, Professional bodies, National Social Services (NSS), Entrepreneur Development cell, Alumni committee, Student council have been formed to support, monitor and facilitate the academics, administrative and student development activities. These committees and cells have appropriate participation of teaching staff, non-teaching staff and students. This makes the administration more participative and transparent. Thus, the organizational structure clearly reflects the policy of

decentralization of authority

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

6.2.3 Implementation of e-governance in areas of operation

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

A. All 5 of the above

B. Any 4 of the above

C. Any 3 of the above

D. Any 2 of the above

Response: C. Any 3 of the above

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

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

Response:

"Pravara Mahotsav2015" is consider from GB meeting held on 09th May 2015 and as per issue no 03 and discussions from minutes of meeting issue no. 03 with sr. no.vii.

Pravara Mahotsav-2015

Goal: To increase student awareness on technological and cultural aspects and hence paving way to rural transformation.

It is a 2 days festival, a time when Pravara Rural Education Society comes alive with science, music and dance and most importantly with a hundred memories that are created here. Pravara Rural Engineering College exhibits picturesque execution and the fest, very much, holds events with a marvelous blend of fun and frolic, devotion, dedication and lots of happiness. By attending techno-cultural events, a student experiences firsthand the diverse offerings of culture and artistic expression found in a community. Education cannot happen just at school—it must go beyond the walls of the classroom. Watching a play performed live is quite a different experience than reading a play from a book. Through attendance at events, students broaden their horizons and gain unique insights into their own communities as well as a broader global perspective of our world's diverse cultures. The PravaraMahotsav Event was organized with the intention of 'Lets Connects'. This event took place on 16th and 17th December, 2015 at Pravara Rural Engineering College, Loni. The Event was attended by 4327 students from 39 schools and colleges.

Objectives of the event includes-

1.Help students gain an insight into life and career options after school.

2. Provide opportunity to students for showcasing their talent through various competitions.

3. Create student awareness of facilities and infrastructure available at the colleges in Pravara Rural Education Society.

4. Students get an opportunity to visit Pravara Rural Engineering College campus and interact with faculty.

5. Create awareness about courses offered at colleges under Pravara Rural Education Society.

6. To increase competitiveness amongst the students and hence help them to develop competitive attitude.

Outcomes of the event includes-

1.A total of 9 events were organized as a part of this event in which students competed against each other. The events included Science Exhibition, Project Exhibition, Poster Presentation, Rangoli, Art Gallery, Drawing, Painting, Mimicry and Debate.

2. Pravara Mahotsav provided a platform to explore talent of rural area students which will enhance their interest in cultural, music, dancing, plays etc.

3.It helped in bridging the gap between technical and nontechnical institute through events.

4. Science exhibition, cultural activities helped to tune the relationship among students of different schools which will encourage them for their idea sharing and development.

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

6.3 Faculty Empowerment Strategies

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

Response:

PREC has extended the benefits of following welfare schemes of statutory/regulating bodies are listed below.

List of existing 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.

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

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

Response: 8.33

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

2017-18	2016-17	2015-16	2014-15	2013-14
05	09	15	10	15

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

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

Response: 2.2

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

2017-18	2016-17	2015-16	2014-15	2013-14
03	03	03	00	02

File Description	Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	View Document
Any additional information	View Document

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

Response: 31.78

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

2017-18	2016-17	2015-16	2014-15	2013-14
50	47	37	42	28

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

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

Response:

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

Following activities are considered for teaching Staff members

- 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
- Innovation/Contribution in Teaching.
- Awards/ Rewards obtained by the faculty and staff.
- 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 Misson, 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.
- Effort Taken for improvement of quality of student and their results in examination
- Special participation in curriculum development, implementation and examination at

Pune University level

- Industrial Training or Visits completed
- Library usage
- Faculty member scoring more them 300 will be placed in "A" Grade & recommended for annual

increment. Faculty member scoring in between greater than 250 & less than 300 will be awarded "B" Grade and recommended for annual increment with compliance of deficiencies, and for below 250 will be placed in "C" grade and suggested for improvement.

Following activates are considered for non-teaching Staff members

* Tenure period of work, Work assigned by HOD/ in charges and its completion, Last year work allotment, Special good work done.
* Any special achievement

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

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

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	Details of Compl
Shaikh S.J Mob:9762262012	2016-2017 Date :- 20/7/2017	20/7/2017

Mechanism for External audit: The External auditors are appointed by the Pravara Rural Education Society's. The institution is having qualified practicing Charted 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	Details of Compli
Kadam & Company Chartered Accountant,, Vedanti Building,Opp.Tarakpur bus stand,Ahmednager	2016-2017 Date :- 22/8/2017	Date :- 22/8/20

* No minor and/or major objections have been raised in the internal and external audits.

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

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

Response: 0

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

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

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

Response:

- 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, Equipments, 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.
- The institute has constituted separate purchase committee which monitors all the requirements and purchases
- CDC and GB approve appropriate budgetary provisions made by Principal and monitor the efficient use of provisions.
- Decision is made in consultation with the Principal to ensure that the requirements stated in the budget are given proper justification. The Governing Body of the institute is the final decision making authority for budgetary approval based on recommendations given by the Principal.
- 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.

- Provisions are made for any additional requirement of capital for emergency expenditure.

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

6.5 Internal Quality Assurance System

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

Response:

Internal Quality Assurance Cell (IQAC) at PRES, Loni 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.

Use of ICT in teaching :

Goal :

1. Up gradation of knowledge by enhancing faculty competencies with the use of ICT for effective learning.
2. Taking teaching learning process out of the classroom and making it as anywhere and anytime exercise at learners speed and convenience.

The Context: The use of ICT has been envisaged to attempt at upgrading the teaching pedagogy in our college. It will not only make the learning experience through our college more exciting and permanent but also enhance the teaching capabilities of the teachers as facilitator of learning and help the students to gain knowledge at their own learning pace.

The Practice: The teachers of the college have always looked for the innovations in teaching and learning along the year. In the quest for "anytime anywhere" teaching learning experience, the college has requested the teachers to adopt the use of audio visual aids to at least 30 % of the total teaching. To achieve this, teachers have been teaching with the help of slides and power point presentation. In addition to this every teacher in the college uses the video lecture by NPTEL, New Delhi developed by all IITs in India.

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, four students of PREC, Loni have successfully filled two patents by Mechanical Engineering and One patent by Civil Engineering at the Indian Patent Office. Also one research proposals under RPS at AICTE submitted by the faculties of Mechanical Engineering Department. In addition to this 14 research proposals are submitted at BCUD, SPPU Pune.

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

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

Response:

Structure for Review of teaching learning process:

Principal, 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 issue 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.

- Preparation of Academic Calendar at the beginning of semester.\
- Taking subject Choices from faculty.
- Departmental Time Table is prepared for classroom teaching and laboratory sessions.
- Teaching plan & practical plan preparation by the Faculty based on academic calendar and personal Time Table at the beginning of the semester.
- Implementations of Mentor-Mentee Scheme for improvement of Teachers-Students Interaction.
- Implementation of Best Practices in Teaching Learning Processes.
- An Academic Audit is done by the Audit Committee.
- Result Analysis at the end of each examination.
- 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 in organizing their time leading to timely completion of curriculum and conducting examination as planned. This leads to improvement of results.
- Based on student feedback necessary actions are suggested to concern faculties for the improvement.

- Mentorship scheme helps the students to discuss and attain the personal traits in the learning through individual discussions with mentors.

Methodologies adopted for heterogeneous learners

• Considering the learning styles and differences among learners, alternative methods like use of charts, models, simulations, PPT, NPTEL materials and internet resources are used for better understanding.

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

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

Response: 5.2

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

2017-18	2016-17	2015-16	2014-15	2013-14
06	14	06	0	0

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

6.5.4 Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for**

improvements
2. **Academic Administrative Audit (AAA) and initiation of follow up action**
3. **Participation in NIRF**
4. **ISO Certification**
5. **NBA or any other quality audit**

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: B. Any 3 of the above

File Description	Document
Details of Quality assurance initiatives of the institution	View Document
Any additional information	View Document
Annual reports of institution	View Document

6.5.5 Incremental improvements made during the preceding five years *(in case of first cycle)* **Post accreditation quality initiatives** *(second and subsequent cycles)*

Response:

Continual Improvement is very important thing in establishing good quality education system. Henceforth incremental improvements are carried out effectively by the faculties of PREC, Loni Some of the qualitative incremental improvements are mentioned below:

1. Students Performance Assessment:

Traditional marking scheme was used in 2012 Course curriculum and then Credit Scheme was implemented meanwhile in 2015 course as a positive incremental improvement. In the organization, traditional techniques (written examinations) were used in earlier days for conducting examinations and then after online exams.

2. Academic Monitoring:

PREC, Loni have internal monitoring committee which take a review of academics.

3. Sports Activity:

Intra-collegiate sports activities were getting conducted in the organization.

4. Student Support Activity:

Along with class-teacher, project guides and seminar guide, mentor mentee scheme is effectively implemented. .

5. Book Circulation in Library:

Regular identity cards are replaced by identity cards with barcode as an advanced tool for improving book transaction effectively. Also book bank facility is provided to the students.

6. Accounts:

Cash/offline transactions are replaced by online transactions to make transactions more easy and reliable along with proper documentation record. It started helping students as an easy and safe online fee payment facility.

File Description	Document
Any additional information	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

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

Response: 34

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

2017-18	2016-17	2015-16	2014-15	2013-14
12	7	5	0	10

File Description	Document
Report of the event	[View Document](#)
List of gender equity promotion programs organized by the institution	[View Document](#)
Any additional information	[View Document](#)

7.1.2

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

Response:

- **Women Grievance cell** :- PREC provides safety and security to students. Women Grievance cell exist in institute. Women grievance cell stays alert all time to prevent any sexual abuse towards the student and female staff. The cell is headed by principal and six female staff members. The members will look after the issues received to the committe and take necessary action against the complaint. The aim of women grievance cell is to educate and empower women. The institute provides the   CCTV surveillance throughout the campus for safety and security. Institute has displayed emergency contact numbers in college campus. Institute provides security with multiple check points at every entry to the campus for all persons and vehicles. Students   wear ID cards at all times and outsiders are checked by security staff. All faculty members ensures that all girl students leave the college campus with female faculty members after late night functions.
- **Hostel Facility**:- Institute provides separate hostel facility to both girls and boys students, Separate mess for each hostel serving sumptuous, hygienic and nutritious food to the hostlers. For secure and healthy environment staff quarters is located near to ladies hostel ,institute also provides bus

facility to girl students from hostel to college. Hostels have tie up with hospital having advanced medical facilities in the vicinity of the hostels with Pravara Medical Trust(PMT), a separate doctor is appointed for girl students residing in hostel. Institute organizes Hemoglobin checkup camp for girl students in the campus.

- **Ladies Common Room**:- Common room for female students with resting facility is available, common room is located on ground floor so staff members and office staff members are always available for any kind of help. For any emergency situation contact number of ladies faculty members are displayed on the notice board of common room. Common room particularly is meant for intellectual discussion, healthy reaction, mutual contact and good will among the students. It has been designed to stimulate interest among female students to promote awareness of the activities in the college and provide a support network for female students.

- **Mentor-Mentee Scheme:-** For personal counseling of students mentor mentee scheme is available in institute, each faculty member work as mentor. The goal of mentor scheme is to help students thrive in a safe learning environment, to recognize their strength and challenges, and also help students to develop productive work habits in class room that to workspace.

- **Gender Equity Initiatives**:- The institute provides equal opportunity to girls and boys students with respect to participation in extracurricular activities, sports and placements. Institute also encourages the students to reduce and prevent the scaling of gender violence. In 2013 instrumentation and control department formed a group "**PLEA OF THE GIRL CHILD**" under which total 12 programs were organized in various villages to promote awareness to save girl child. Institute also provides equal opportunity to ladies and gents faculty with respect to appointments and administration.

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

7.1.3 Alternate Energy initiatives such as:

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

Response: 34.5

7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)

Response: 64.19

7.1.3.2 Total annual power requirement (in KWH)

Response: 186.07

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

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Response: 19.06

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Response: 5.44

7.1.4.2 Annual lighting power requirement (in KWH)

Response: 28.54

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

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

Response:

• Solid waste management, Liquid waste management ,E-waste management.

PREC believes in reduction of waste on the campus. All the building including Class rooms ,laboratories and porches are cleaned on daily basis by housekeeping staff. Waste bins are placed at various locations to collect the waste and disposed by housekeeping staff. All the waste water from the campus is connected to main drainage systems. The biodegradable waste in the campus such as canteen waste, leaves are collected in bins and   dumped in compost pit, which is used as a fertilizer in the garden later on. It helps to create awareness on waste management among the students. Obsolete and defective electronic components are collected by the officials and then classified as reusable, resalable, salvage, recycling or to be disposed. Non-working switches, electric cables, monitors, keyboard, mouse etc. are stored and properly disposed based upon highest bidding by local scrap agencies appointed by the college.

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

7.1.6 Rain water harvesting structures and utilization in the campus

Response:

PREC is having rain water harvesting to its building. All rain water is captured from the catchment area of the roof of college building. Conduits are the pipelines that carry rainwater from the rooftop to the harvesting system.

- Total Campus area - 52.7 Acres
- Total built up area- 37838 Sq. Mt.
- Roof top area available- 33523 Sq. Mt.
- Total capacity of RWH- 5 laks liters
- Use of water from RWH- Flushing and Gardening

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

7.1.7 Green Practices
- **Students, staff using**
a) **Bicycles**
b) **Public Transport**
c) **Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

Response:

The intention of organizing Green Audit is to upgrade the environmental conditions in and around the institute. It is carried out with the aid of performing tasks like waste management, energy saving and others to turn into a better environmental friendly institute.

For pollution free campus institute take initiative to organize no vehicle day once in a year. For security of Students College provide bus transportation facility nearby villages. The institute has pedestrian friendly road which provides pleasant walking environment in campus.The institute has formed a Green Audit Team and green audit has being carried out.

The Concept of plastic free and paper free campus is successfully implemented in the college. Management has taken initiatives to make the policy for the same. It will help to reduce the use of plastic and papers which will be a good contribution towards sustainable environment.

The Institute has planted number of big trees mainly Coconut, Ashoka, Neem ,mango , Badam,Teak and different trees around the campus.

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

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

Response: 2.42

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

2017-18	2016-17	2015-16	2014-15	2013-14
13	17	10	10	8

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

7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

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

A. 7 and more of the above

B. At least 6 of the above

C. At least 4 of the above

D. At least 2 of the above

Response: B. At least 6 of the above

File Description	Document
Resources available in the institution for Divyangjan	
Any additional information	
link to photos and videos of facilities for Divyangjan	

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

Response: 8

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

2017-18	2016-17	2015-16	2014-15	2013-14
02	02	02	01	01

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	
Any additional information	

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

Response: 7

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

2017-18	2016-17	2015-16	2014-15	2013-14
3	1	1	1	1

File Description	Document
Report of the event	View Document
Any additional information	View Document

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

Response: Yes

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

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

Response: Yes

File Description	Document
Any additional information	View Document
Provide URL of website that displays core values	View Document

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

Response: Yes

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

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

Response: Yes

File Description	Document
Any additional information	[View Document](#)
Provide link to Courses on Human Values and professional ethics on Institutional website	[View Document](#)

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

Response: Yes

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

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

Response: 19

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

2017-18	2016-17	2015-16	2014-15	2013-14
05	04	04	03	03

File Description	Document
List of activities conducted for promotion of universal values	[View Document](#)
Any additional information	[View Document](#)

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

personalities

Response:

The Pravara Rural Engineering College, Loni follows and observes anniversires of all well known personalities. The College commemorates all religion functions and support the students and faculty to showcase the same. Republic Day, Independence Day, Ganesh Festival, Shivaji Maharaj Jayanti ,Teacher's Day, Engineers Day, Foundation Day of College are celebrated. National festivals are celebrated to respect the distinguished leaders and respect to their work, devotion, sacrifice of national importance. These festivals make a feel of patriotism, integrity in the mind of citizens of India.

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

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

Response:

The college has well defined and authorized organizational chart to simplify the process, intensify the decision making process and ensure transparency in the financial, academic and administrative functions. For every academic year, the heads of department prepare the departmental budget requirement including requirement of faculty and staff, research & development expenses, lab consumables, repairs and maintenances & expenses for various activites in the department. College Development Committee (CDC) and Governing Council discuses the budget and is sanctioned for individual department.

For the conduction of Savitribai Phule Pune University (SPPU) exams (Insem, Endsem and online examinations) College Examination Officer (CEO) is appointed as per SPPU norms. SPPU exams are conducted by CEO with the help of Internal Senior Supervisor (ISS), Assistant to ISS, Asst. CEO and Jr.Supervisors under the guidance of Head of Institute. External monitoring of SPPU exams is done by External senior supervisor appointed by SPPU. TW/OR/practical exams are conducted as per SPPU norms. SPPU provides all question papers, all necessary writing materials for the conduction of examination.

The information of all the UG progrmmes is available on official Institute website (http://www.pravaraengg.org.in). The college follows the Centralized Admission Process (CAP) as per the Guidelines given by the Directorate of Technical Education (DTE), Maharashtra State. Institute follows reservation policies as per the guidelines of the Government of Maharashtra.

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

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Response:

Title of the Practice: 1. Earn & Learn Scheme

Objectives of the Practice:

? To help the students from economically poor families.

? To boost the confidence of students and parents from economically backward classes.

? To develop leadership qualities

The context: The main objective of the scheme is to help the poor and needy students so as to pursue the higher education independently. This scheme is basically undertaken for the benefit of students those who are needy, economically backward, intelligent and meritorious but cannot afford higher education. This will make higher education accessible and available to the poor, needy and meritorious students

The Practices: College level coordinators appointed by Principal displays the Notice calling applications from interested candidates of all departments.

? By thorough scrutinizing the documents like Income certificate of parents and conducting the interviews of students Final list is displayed and work is allotted at different departments of the college. Department level coordinators distribute the work such as computer typing, filing, photocopying etc to selected students and get the work done from them.

? Departmental coordinators keep the monthly record of the work done by the students and forward the monthly bill for sanctioning to College coordinator.

? In Earn & Learn Scheme University sponsors yearly certain amount and in addition to that college contribution is more than 20 % of that amount towards bill of students i.e. (S.E, T.E and B.E).

? Monthly bill is being transferred to their respective bank accounts.

Evidence of Success:–Enhancing the efficiency of the students in learning process and poor financial situations.

Problem Encountered and Resources Required: Sometimes it is difficult to find such students who are in actual need of this scheme.

Title of the Practice: 2. Academic Awards to Student

Objectives of the Practice:

? To encourage and improve academic excellence of the student.

? To overall development of students in Sports.

The context: The main objective of the scheme is to encourage the students in academic excellence and also to monitor overall progress of students during his/her graduation. It also helps them economically somehow during education phase.

The Practices:

? In the every academic year college offers some Cash prizes to the students those who will show their excellence in the University Examinations.

? Also prizes are announced for the various sports activities.

? The student who will stood first among all the students appeared for the university examination from the college, to them college announces Gold medal every year.

 Evidence of Success –Improvement in the students progression and overall results.

Problem Encountered and Resources Required: Sometimes students Interest is less in the study.

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

7.3 Institutional Distinctiveness

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

Response:

By keeping the view of rural people and their welfare , PREC is 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 implementation of several innovative and first of its kind beneficial practices like earn and learn scheme, fee concession to the rural students, various in-house scholarship programs, our institute helps the underprivileged students to gain knowledge and education in the engineering field. The students can pay their fees in installments and are also provided employment in our college after their education. Our college has produced several university rankers in thirty seven years of its existence. There has been remarkable increase in academic excellence of our students.

The development of our student and staff and constant upgradation of their knowledge and skill is of prime importance. They are encouraged to participate in the seminars, workshop, symposium, training

program, writing research papers at the national & international level. Every year, our college also organizes many seminars and workshops for exposing our students to the recent trends in the industry.

A national level event "PRECision" is organized by our students every year to make this journey as easy as possible for everyone. To enhance their technical skills apart from the curriculum, several training programs like, AUTOCAD, CATIA and software development trainings on different programming languages are organized in our college each year in collaboration with the best training centers. To bridge the gap between academics and industries and to enhance the employability of our students through development of soft skills, aptitude training our college conducts several value addition courses. Career counseling is also done regularly. Besides, every teacher is a mentor to a group of students. Every year campus drives are conducted and several students of our college are placed in various multinational industries and public sectors companies.

Students are supported for developing innovative projects like the "Onion Harvester" which has bagged several awards. The NSS wing of the college conducts numerous activities and awareness drives thereby enthusing a spirit of brotherhood and communal harmony. Our students are encouraged to participate in different sporting activities and represent our college at several competitions held at different levels. Our asset is our alumni. Most of them are working at top most positions in several countries at different geographical locations. We have a strong alumni association and every year regular alumni meet is organized in our college campus. Now we are also organizing our alumni meets in different states of India and abroad. These alumni meets are helpful for strengthening our training and placement activities.

To bridge the gap between academics and industries, our college has signed MOUs with industries for regular industry-institute interaction. Our college had organized "Bharti mela" recruitment drive in which several industries from various sectors participated and recruited our students.

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

5. CONCLUSION

Additional Information :

Pravara Rural Education Society received "Best Education Society Award" from Govt. of Maharashtra in 2003 and "Educational Excellence Award" by Indus foundation, USA in 2016. All the Institutions under PRES are located in rural areas. The contribution of PRES for rural development was appreciated by his Excellence Dr. APJ Abdul Kalam, Former President of India.

Technical education plays vital role in human life. Pravara Rural Engineering College established in 1983 as a first private-unaided technical institute keeping the vision of providing metro based technical education to the doorsteps of rural area and for overall development of farmers and rural masses.

Sound infrastructure, dedicated team of staff members, motivated students, social attachment and a strong Alumni Association are the assets of the college. During 35 years of its existence, college has given excellent academic results and produced 33 University Rankers. The passed –out students of this college are working all over the world as brand ambassadors and achieving excellence in their field.

Pravara Rural Engineering College has 6 department accredited by NBA, New Delhi in 2005. College received "A" Grade by Govt. of Maharashtra and college is enrolled in "TOP 200" by NIRF Ranking published by MHRD in April 2017.

Concluding Remarks :

Pravara Rural Engineering College, Loni is taking lot of efforts   for continuous improvement and self learning initiatives among the entire rural student community in the college . Our faculty and staff are dedicated for making our students prepared for employment and entrepreneurship opportunities which will lead to sizeable contribution in Nation building. College is taking the sincere efforts towards the students' benefits as a whole. College is looking forward towards the students' preparation for Digital India; Skill based courses are initiated. Through the existing setup, College is definitely proving to be a strong Learning centre for the Community around.