



# **SELF STUDY REPORT**

**FOR**

**2<sup>nd</sup> CYCLE OF ACCREDITATION**

**P. R POTE (PATIL) EDUCATION AND WELFARE  
TRUST'S GROUP OF INSTITUTIONS COLLEGE OF  
ENGINEERING AND MANAGEMENT**

POTE ESTATE, POTE PATIL ROAD, KATHORA, AMRAVATI  
444602

[www.prpotepatilengg.ac.in](http://www.prpotepatilengg.ac.in)

Submitted To

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**BANGALORE**

**November 2022**

# 1. EXECUTIVE SUMMARY

---

## 1.1 INTRODUCTION

P. R. Pote (Patil) Educational & Welfare Trust's Group of Institution, College of Engineering & Management, Amravati To flourish as a centre of excellence for producing the skilled technocrats and committed human beings". The institute stands with spacious buildings and with the best academic environment along with well-equipped laboratories and classrooms. The Institute continuously strives for increasing the research potential of the faculty & students and imparts latest knowledge in technological and management fields.

### Vision

#### Vision of the Institution

To flourish as a centre of excellence for producing the skilled technocrats and committed human beings.

### Mission

#### Mission of the Institution

<b>M1</b>	To create a conducive environment for teaching & learning.
<b>M2</b>	To impart quality education through demanding academic programs.
<b>M3</b>	To enhance career opportunities by exposure to Industries & recent technologies.
<b>M4</b>	To develop professionals with strong ethics and human values for the betterment of society.

## 1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

### Institutional Strength

- Premier higher education Institute, in the field of Engineering and Management, offering variety of UG and PG programmes.
- Qualified, Experienced, Dynamic, Proficient and Dedicated faculty with an attitude to excel in the profession.
- State-of-art infrastructure, ergonomically designed classrooms, well well-equipped laboratories, enriched library, State of Art Auditorium, ICT, and facilities to cater to the needs of students, faculty, and society.

- An ISO 9001:2015, ISO 14001: 2015 and ISO 21001:2018 Certified Institute.
- Accredited by NAAC, Bangalore with “A” grade
- Innovation and Entrepreneurship Development Centre (IEDC) sponsored by DST (Govt. of India, New Delhi) inspiring students to become entrepreneurs, and make making them realize the need for national development. Non-governmental Research grants, AICTE Skill development for SC/ST students.
- Rendering maximum support to students for training in communication skills, aptitude & logical aspects, and interview skills for boosting employability. CompaCompany-specificing and Internship to enhance employability.
- Focus on co-curricular, extra-curricular, sport, NSS, and, extension activities leading to holistic tic development of the students.
- Ragging-free environment
- Infrastructure which includes laboratories, ICT classrooms, sports, and games.
- Well-established Industry-Institute Interaction cell, Training & Placement Cell.
- Excellent Campus Placement.
- Personal counseling of each student by faculty and regular meetings with parents.
- Spiritual, pleasant, and intellectually stimulating environment of campus s.
- Lust Green Environment
- Decentralization and Transparency in Administration.
- Active participation of the student in Academic and Administrative Bodies
- Faculty Development and Skill enhancement Programmes.
- Computational facility and internet connectivity.
- Well-defined Service Rules.
- IQAC has been established for Quality Audit and continuous assessment and improvement
- Well established library with good number of knowledge repositories
- Encouraging active student participation in community development programs through NSS

### **Institutional Weakness**

- Students' communication skill is not up to the mark as students are from rural background.
- Cutting edge Research infrastructure in Research & Development
- Limited Scope for interaction with R&D organizations, Industries
- Inadequate Collaboration with Foreign Universities
- As students are not admitted from other than Maharashtra State, therefore a lack of exposure to Cultural Diversity.
- Industry collaboration towards patents and advanced research is limited

### **Institutional Opportunity**

- Enhancing Collaboration with foreign universities
- Enhancing R&D activities and Industry Institute Interactions
- To become Autonomous Institute
- To provide Exchange Programme opportunities for 100% of Students
- To continue to adopt new and innovative ICT-enabled practices in Teaching Learning
- Collaborative student projects with industries
- To Initiate startup programs
- MOUs with the Institute of National Importance

- Faculty exchange programs with various top-tier Institutes across the globe.
- Improve peer-reviewed journal publication (Scopus, citation index, impact factor, h-index)
- Modernizing labs with advances in technology and industry growth
- Attracting top-rank students for admissions
- To get NIRF ranking
- NBA of Engineering Courses

### **Institutional Challenge**

Based on the trend in the current engineering scenario, the following challenges have been identified.

- To meet the aspirations of stakeholders and potential employers due to the gap in conventional university curriculum and growing industrial needs.
- Competition posed by the increased number of new and upcoming unaided institutes in the region.
- To improve Patents and copyright earning Level of Research
- Motivating students toward employment in core Industries
- Blending appropriate MOOC courses with the current curriculum to add value
- Keeping pace with global development in pedagogy and research.
- Delay in receipt of a scholarship grant from the Government

## **1.3 CRITERIA WISE SUMMARY**

### **Curricular Aspects**

### **Curricular Aspects**

- P. R. Pote (Patil) Welfare Trust Group of Institution, College of Engineering and Management (PRPCEM) is affiliated to Sant Gadge Baba Amravati University (SGBAU), Maharashtra. The Institution takes utmost care in effective curricular planning and implementation.
- Institute prepares academic calendar adhering strictly to the regulation and academic calendar prescribed by the SGBAU.
- Academic monitoring is a continuous process for maintaining quality of teaching and learning.
- Institute offers industrial/value added certificate courses to the students.
- Many faculty members are involved in university work.
- Faculty members also actively participate in the syllabus revision meeting.
- On the basis of feedback collected from the various stakeholders, faculty members give suggestions for curriculum enrichment to BOS.
- New courses are introduced as per the directions given by SGBAU time to time. Academic flexibility is provided to the students by offering elective courses prescribed by the University.
- In addition to the prescribed curriculum, institute gives lot of thrust on curriculum enrichment by offering additional skill-oriented programs in terms of value added courses, seminars, workshops, industrial visits, internships, field projects for the overall development as well as enabling students for

better job opportunities.

- Courses addressing issues like gender equality, environment and sustainability, human values and professional ethics are incorporated in the university curriculum.
- The institute takes care of gender equality and inculcates ethical values and social responsibilities among faculties and students by conducting various activities.
- Structured feedback on Curriculum is collected from various stakeholders like students, teachers, parents, alumni, employer. Feedback collected is analysed and action taken report is made available on institute website.

## **Teaching-learning and Evaluation**

### **Teaching-learning and Evaluation**

- The Institute gets Students admitted for different programs through the CAP conducted by the CET cell of Govt of Maharashtra. The admission process ensures inclusion of Students from all categories through social reservations defined by State Government of Maharashtra.
- The institute is having well defined mechanism to assess the learning levels of the students. Advanced learners and slow learners are identified, and appropriate measures are taken accordingly.
- For Advanced learners measures taken are, training program, guidance for Competitive Exams, publication of research papers, International Tour etc.
- Measures like Mentoring for academic related issues, conduction of remedial classes, are taken for slow learners.
- Teaching learning process is student centric which is made effective by technologically enriching faculty members with the help of various training programs. Experiential and Participative learning are main focus in teaching learning process.
- Most of the teachers use innovative teaching methods, Learning Management System, and ICT tools to increase the involvement of student in this process.
- Institute has implemented mentoring scheme for taking care of stress related issues of students.
- The institute has qualified and experienced faculty as per norms. Faculty members are encouraged to improve their qualification and to participate in research activities.
- College has given emphasis on implementing reforms in Evaluation Process. In Centralized Examinations and evaluation system, Internal examinations are conducted at central level and end semester examination is conducted on university pattern. The complete process is transparent and adhere strictly to the academic calendar.
- Course Outcomes (COs) are defined for all subjects and mapped with Program outcomes (POs) and Program Specific outcomes (PSOs) . Attainment levels of COs, POs and PSOs are calculated and if not satisfactorily attained, corrective measures are taken.

## **Research, Innovations and Extension**

### **Research, Innovations and Extension**

- PRPCEM promotes active research involvement of teachers and scholars in research as well as recognizing any achievement of teachers through research

- The faculty members submit research proposals to Government as well as non-Government agencies regularly.
- Institute has created an Ecosystem for Innovation by setting up Incubation Center for Transfer of Knowledge. Institute makes sincere efforts for Transfer of Knowledge by conducting Workshops, Faculty Development Program, International Conferences etc. Institute has Intellectual Property Rights (IPR) Cell. The Institute conducts Workshops & Seminars on (IPR) & Industry -Academia innovative Practices.
- Institute has stated Code of Ethics to check malpractice and Plagiarism in Research. The institute provides incentives to faculty members who receives Recognition/ awards.
- Faculty members and Students are motivated to attend Conferences, to Publish articles, Books and for pursuing funded Research and Innovation. This has resulted in good number of publications in Books, Conferences proceedings as well as in Journals.
- For developing sensitivities towards community issues, gender disparities, social inequity etc. and to inculcate values and commitment to society. National Service Scheme unit promotes Extension activities such as Swachh Bharat , AIDS Awareness, Gender Issue, blood donation camp, campus cleaning, educating school children awareness programs for environment, tree plantation etc in the neighbourhood community in collaboration with government and nongovernment units.
- The college has Collaboration with Industries, Academic Institute and Professional Bodies for sharing research facilities and undertaking collaborative research and is benefited academically in a remarkable way.

## **Infrastructure and Learning Resources**

### **Infrastructure and Learning Resources**

- Institute has state of art infrastructural facilities to support teaching-learning, research and administrative services as per and above the AICTE norms. The institution has adequate physical facilities like classroom, seminar halls, laboratories, tutorial rooms, computing equipment, etc. The adequate facilities for extra-curricular activities like sports and games,
- cultural activities, and health & yoga are available. Adequate number of classrooms and seminar halls are available with ICT facilities to satisfy the curricular and co-curricular requirements.
- The college has well planned spacious computerized library with large number of books, e-books, e-journals, e- materials and educational videos along with a browsing centre. Library is automated using Integrated Library Management System software. The library has different sections along with multimedia room and reading room. Remote access to e-resources of the library is available to faculty members and students.
- The college is having computers in 3:1 student to computer ratio exclusively for the students with LAN and Wi-Fi facilities, and licensed software as per curriculum requirements. The college is having language lab for improving communication skills of students in addition to computer centre. The college is having internet facility as per norms. A facility for e-content development is available.
- The college campus is under the surveillance of CCTV cameras. The institute has maintenance cell with well-planned and systematic procedure for maintenance of physical, academic and support facilities.
- Enough budget is allocated for the same. The equipment, furniture, computers and generator are well maintained. The college campus is lush green with well-maintained lawns, trees and plants.

## **Student Support and Progression**

### **Student Support and Progression**

- Institution takes utmost efforts to provide necessary assistance to students, to enable them to acquire meaningful experiences for learning in the campus and to facilitate their holistic development and progression.
- Students are benefited by scholarships and freeships from all central and state government schemes under SC/ST/OBC and other categories. Institute provides scholarships to students under economically weaker class and meritorious students.
- Facilitating mechanisms like career guidance & placement cell, soft skill development cell, Finishing School, etc. are working hard for capability enhancement and development of students. Institution has a well-structured, organized guidance and counselling system for different learning abilities and bridging the curriculum gap. Institution promotes students for Vocational Education & Training.
- Institute has a well-defined mechanism for redressal of grievances of students through Grievance Redressal committee, Anti-ragging committee & Anti-Sexual Harassment committee.
- The Institute concerns for student progression to employability and/or to higher studies. T&P activities and preparation for GATE is active.
- The institution has a mechanism for career guidance and placement of the students. The institute conducts soft skill development, career counselling, and personal enhancement sessions to ensure the success in placement.
- Through skill development cell, institute motivates & guides the students for higher studies, which has improved progression to higher studies. The Institute has received AICTE's Skill & Personality Development scheme for SC/ST students to develop students.
- The institution has the required infrastructure and promotes active participation of the students in sports, social, cultural and leisure activities. The student exhibits their talent, managerial skills and creativity through participation and organizing in various co-curricular and extracurricular activities.
- The students actively participate in academic and administrative decisions at institute level.
- Departmental student's forum and IEEE student chapter are available where students play an important role in decision making and organizing department level activities.
- College has a registered and active Alumni Association. Every year the college organizes alumni meet/meeting. Alumni contribute for the development of students through financial and non-financial means. Alumni help students for placement & career planning.

## **Governance, Leadership and Management**

### **Governance, Leadership and Management**

- P. R. Pote (Patil) College of Engineering and Management (PRPCEM) was established in the 2008 with the aim of providing professional education in the field of Engineering & Management by P. R. Pote (Patil) Welfare Trust Group of Institution, a registered society. The institute strives to bring excellence with the involvement of the governing body and stakeholders to achieve the vision, mission and goals of the institute. Effective leadership has developed the organizational culture in the institute. The

Governing Body & College Development Committee (CDC) give guidelines for framing policies of the Institute in tune with the vision and mission.

- The institute believes in practicing decentralization and involves stakeholder's representatives in decision making. The vision and mission of the college is well articulated
- The institute has developed the strategic plan to achieve the goals which is deployed in a transparent and effective manner. Principal, Deans & Heads of the departments, plan and implement quality improvement strategies taking into consideration the feedback of all stakeholders.
- College has well framed statutory and non-statutory cells as per the norms of regulatory bodies like AICTE / UGC /DTE/ SGBAU.
- Institute has different cells consisting of stakeholder's representatives. Committees/cells work effectively to meet the objectives.
- The college has implemented e-governance in areas like academics, administration, admission etc. to make the system effective.
- Institute has appraisal system to assess performance of teaching and non-teaching staff. The institute believes that the success of the institute depends on the quality of human resources and focuses on employee performance.
- The Institute provides welfare measures like Group Insurance, Lien facility, and study leaves etc. to the staff. Financial support is provided to faculty members for attending conference, workshop, STTPs etc. as per the institute policy.
- All finance and accounts are duly audited regularly. The resource mobilization strategy provides guidelines for mobilization and optimal utilization of resources.
- Internal Quality Assurance Cell (IQAC) monitors, reviews, and evaluate academic and administrative processes to ensure the quality.

## **Institutional Values and Best Practices**

## **Institutional Values and Best Practices**

- Women Empowerment is facilitated by several activities, which raises awareness about gender equality and ensures fair treatment for all.
- Safety and security of students, staff are the prime concern of the Institute. All essential security arrangements have been made by the institute, including Counselling cell, well-equipped medical room and girls' common rooms.
- The Institute takes conscious efforts to create awareness about energy conservation, renewable energy usage among students. LED fittings are installed.
- The institute spends a considerable amount of its budget towards Green Practices. These include Water conservation through various ways likes Rainwater Harvesting, safe and efficient disposal of all waste generated along with developing and maintaining a green campus which is free of single-use plastic.
- Eco friendly transportation is promoted and public transport is encouraged to keep our air quality in check.
- Arrangements have been made to make the campus equally accessible to differently abled.
- The institute has its core values and code of conducts adhered to by all within the campus.
- The locational advantage has been explored and is being reaped by the Institute. Similarly, the



disadvantages have been identified and steps have been taken to overcome.

- The Institute gets engaged in various social activities for the benefit of the nearby communities.
- Anniversaries of stalwarts national importance are observed with fervor, which inculcates universal values and emboldens national identity and integrity amongst the students.
- The Institute maintains Academic, Financial, and administrative transparencies which gives the impetus to work with greater quality.

Several best practices have been explored and implemented and have been found to have a positive impact upon the all-round performance of students and the Institute. Amongst the several practices, most prominent are (I) creation of Virtual Lab in association with IIT, Bombay (II) Free International Tours for meritorious students (III) Value added Book distributions (IV) Student-Parent Awareness Campaign about Corona (V) Innovation Training & Placement practices etc. (VI) Free Bus services for students etc.

## 2. PROFILE

### 2.1 BASIC INFORMATION

Name and Address of the College	
Name	P. R POTE (PATIL) EDUCATION AND WELFARE TRUST'S GROUP OF INSTITUTIONS COLLEGE OF ENGINEERING AND MANAGEMENT
Address	Pote Estate, Pote Patil Road, Kathora, Amravati
City	AMRAVATI
State	Maharashtra
Pin	444602
Website	<a href="http://www.prpotepatilengg.ac.in">www.prpotepatilengg.ac.in</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	D. T. Ingole	0721-2970110	9834666548	0721-2530089	prpotepatilcollege@gmail.com
IQAC / CIQA coordinator	Sanjay B Warkad	-	7693896006	-	sbwarkad@gmail.com

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details
-----------------------

State	University name	Document
Maharashtra	Sant Gadge Baba Amravati University	<a href="#">View Document</a>

Details of UGC recognition		
Under Section	Date	View Document
2f of UGC	03-07-2018	<a href="#">View Document</a>
12B of UGC	03-07-2018	<a href="#">View Document</a>

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	<a href="#">View Document</a>	03-06-2022	12	

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

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Pote Estate, Pote Patil Road, Kathora, Amravati	Rural	7.5	17651

## 2.2 ACADEMIC INFORMATION

<b>Details of Programmes Offered by the College (Give Data for Current Academic year)</b>						
<b>Programme Level</b>	<b>Name of Programme/Course</b>	<b>Duration in Months</b>	<b>Entry Qualification</b>	<b>Medium of Instruction</b>	<b>Sanctioned Strength</b>	<b>No.of Students Admitted</b>
UG	BE,Electrical Engineering	48	Intermediate or Equivalent	English	60	60
UG	BE,Mechanical Engineering	48	Intermediate or Equivalent	English	60	46
UG	BE,Computer Science And Engineering	48	Intermediate or Equivalent	English	180	180
UG	BE,Civil Engineering	48	Intermediate or Equivalent	English	60	60
UG	BE,Electronics And Telecommunication Engineering	48	Intermediate or Equivalent	English	60	60
UG	BE,Artificial Intelligence And Data Science	48	Intermediate or Equivalent	English	60	60
PG	ME,Electrical Engineering	24	B.Tech or B.E or Equivalent	English	12	4
PG	ME,Mechanical Engineering	24	B.Tech or B.E or Equivalent	English	12	1
PG	ME,Computer Science And Engineering	24	B.Tech or B.E or Equivalent	English	12	3
PG	ME,Electronics And Telecommunication	24	B.Tech or B.E or Equivalent	English	12	2

**Self Study Report of P. R POTE (PATIL) EDUCATION AND WELFARE TRUST'S GROUP OF INSTITUTIONS  
COLLEGE OF ENGINEERING AND MANAGEMENT**

	Engineering					
PG	MBA,M B A	24	Under Graduation	English	60	60
PG	MCA,Masters In Computer Applications	24	Under Graduation	English	60	60

**Position Details of Faculty & Staff in the College**

<b>Teaching Faculty</b>												
	<b>Professor</b>				<b>Associate Professor</b>				<b>Assistant Professor</b>			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	7				10				106			
Recruited	1	0	0	1	1	0	0	1	22	11	0	33
Yet to Recruit	6				9				73			
Sanctioned by the Management/Society or Other Authorized Bodies	6				9				73			
Recruited	6	0	0	6	8	1	0	9	37	36	0	73
Yet to Recruit	0				0				0			

<b>Non-Teaching Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
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				61
Recruited	56	5	0	61
Yet to Recruit				0

<b>Technical Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
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				39
Recruited	39	0	0	39
Yet to Recruit				0

### **Qualification Details of the Teaching Staff**

<b>Permanent Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	7	0	0	8	1	0	4	6	0	26
M.Phil.	0	0	0	0	0	0	0	2	0	2
PG	0	0	0	1	0	0	57	37	0	95
UG	0	0	0	0	0	0	0	0	0	0

<b>Temporary Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

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

<b>Details of Visting/Guest Faculties</b>				
<b>Number of Visiting/Guest Faculty engaged with the college?</b>	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
	0	0	0	0

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

<b>Programme</b>		<b>From the State Where College is Located</b>	<b>From Other States of India</b>	<b>NRI Students</b>	<b>Foreign Students</b>	<b>Total</b>
UG	Male	1311	0	0	0	1311
	Female	832	0	0	0	832
	Others	0	0	0	0	0
PG	Male	126	0	0	0	126
	Female	180	0	0	0	180
	Others	0	0	0	0	0



Provide the Following Details of Students admitted to the College During the last four Academic Years					
Category		Year 1	Year 2	Year 3	Year 4
SC	Male	42	69	43	71
	Female	39	60	28	37
	Others	0	0	0	0
ST	Male	4	12	6	5
	Female	3	10	4	3
	Others	0	0	0	0
OBC	Male	202	187	147	224
	Female	176	182	106	113
	Others	0	0	0	0
General	Male	115	126	73	112
	Female	79	84	33	54
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		660	730	440	619

### Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	<ul style="list-style-type: none"> <li>• Vision of the Institute is “To flourish as a center of excellence for producing skilled technocrats and committed human beings.”</li> <li>• Mission of the Institute is 1. To create a conducive environment for teaching &amp; learning. 2. To impart quality education through demanding academic programs. 3. To enhance career opportunities by exposure to Industries &amp; recent technologies 4. To develop professionals with strong ethics and human values for the betterment of society.</li> <li>• As per SGBAU University, humanities and science are part of the curriculum.</li> <li>• Choice-Based Credit System (CBCS) is followed based on the structure defined by SGBAU University.</li> <li>• Institution/department encourages students to do mini</li> </ul>
---	--

	<p>&amp; major projects in their interested areas that help society. • We empower the students to reach their pinnacle in careers as engineers so as to expand the image of the engineering and technology profession. • To inculcate positive thinking thereby demonstrating the value of diversity and inclusion in society. • To impart skills and bring awareness about the latest technologies, industry requirements, and overall personality development. • To help students in having a career vision and nourish their Design and Innovative skills, paving the way towards a career in core companies. • To gain a competitive advantage by developing a technical skill set that is in demand. • To meet the demand for Business Entrepreneurs, Innovators, and Creative thinkers in Society • To build relationships with industry and improve interdisciplinary training of technical skills, collaborate with training companies for domain-specific employability.</p>
2. Academic bank of credits (ABC):	<p>P. R. Pote (Patil) College of Engineering &amp; Management is affiliated with SGBAU University, Amravati wherein we follow the choice-based credit system defined by the University. Choice Based Credit System (CBCS) has been implemented from the academic year 2018-19 including Professional electives and Open elective courses in the curriculum to facilitate the multidisciplinary approach to engineering problem-solving. The students are given the choice to select the open elective/ professional elective subjects in association with NPTEL Courses (MOOCS) with a minimum of 8 weeks of courses that reflects in the credit-based system. The Structure of Assessments defined by the university is as follows: The procedure of Internal Assessment: Theory Courses Two mid-exams and assignments are conducted that carry 30 marks each, in the semester as per the University norms. The average marks of the two mid-exams and assignments are taken as final marks. Practical Courses: Every experiment is executed and evaluated based on the experiments prescribed by the university. There is an internal test in the semester. The criterion for internal assessment marks (25 marks) is based on the University guidelines. Project Work: There are two kinds of projects namely mini-project and major projects. These projects are reviewed by an internal guide, project review committee, and the Head of the</p>

Department. The marks for the industry-oriented mini project and major project are awarded by the internal guide. The major project is for 100 marks, and the mini project is for 50 marks. Along with this, a comprehensive viva-voce is conducted for 100 marks and a technical seminar/presentation is for 50 marks. Project marks are awarded based on concept creation, project reports, attendance, and problem-solving ability. Some of the pedagogical approaches as Active Learning Methods followed by the faculty are:

**Group Discussions:** This involves discussion among a group of students to assess the application of various concepts to gain a better perspective on the merits & demerits of the concepts.

**Role Play:** For explaining complex systems, the faculty uses the role-play method where each sub-system is enacted by a particular student, to involve the students much better in the teaching-learning process.

**Case Studies:** Teaching using case studies enable the students to apply what they have learned in the classroom to real-life situations.

**Assignments:** Giving assignments to the students can provide an opportunity for them to apply critical thinking skills as well as help them to learn course content.

**Interactive Seminars:** During their presentation skills hours, each group in a class will prepare a recent research topic or technical facts and present it.

**Workshops/Guest Lectures/Seminars/Conferences:** Workshops, seminars, and conferences are organized every year for gaining knowledge and increase the research potential.

**Working Models/Demos:** Simple demo is given to illustrate the basic principles and is displayed in the laboratories.

### 3. Skill development:

To strengthen the technical skills and soft skills of students, the Institute concentrates on the quality standards and does reviews periodically to update the academic programs through Value added /Add on courses, and technical training. To implement this, the Institute has made it a practice to enhance the career guidance and quality placement opportunities for students in line with the requirements of the industry and help in entrepreneurship. Along with the technical (Core) subjects, importance is given to life science & Humanities. The subjects that are included in the curriculum are Environmental Sciences, Gender Sensitization, The Constitution of India, Professional Ethics, Disaster Management, and

	Entrepreneurship and Project management to address crosscutting issues. To enhance the skills of the students, internships and projects are allotted to the students based on their areas of interest.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	P. R. Pote (Patil) College of Engineering & Management is affiliated with SGBAU University, Amravati, wherein we follow the rules & regulations defined by the university. As there are no guidelines from the University, we do not strictly follow the bilingual mode, yet for the comfort of the students, some of the faculties try to follow the bilingual mode. students are motivated to join and attain online courses on Indian culture and traditions.
5. Focus on Outcome based education (OBE):	Outcome Based Education (OBE) is implemented in our Institute since 2017 since it lays emphasis on what is expected from the student when they finish their course. We strictly follow the NBA-defined POs for our programs. For UG Programs, 12 well-defined Program Outcomes (POs) are adopted. A minimum of 2 Program Specific Outcomes (PSOs) are defined for all programs by the Institution. Course Outcomes (COs) are direct statements that describe the essential and enduring disciplinary knowledge and abilities that students should possess and the depth of learning that is expected upon completion of a course. The COs are based on Bloom's taxonomy. There is a minimum of 5 COs defined for each course and a maximum of 6. Course Outcomes are defined for every course of all programs of the institution. Course Outcomes are defined by subject handling faculty and Subject experts and approved in Department Advisory Committee (DAC) reviews. The Course Outcomes are then mapped onto Program Outcomes (POs) and Program Specific Outcomes (PSOs). Course End Survey is taken from the students at the end of the course, which helps to refine the COs further. The Institution follows the Outcome Based Education (OBE) guidelines and defines the course plan formulated by the College Academic Advisory Committee (CAC), consisting of the Head of the Institute and Heads of all departments of the institution for effective delivery. Based on the academic calendar of the university, all the departments prepare an activity calendar/academic calendar of the department as per the schedule given by the university along with other activities like Remedial Classes, Industrial Visits, Guest lectures,

	<p>Workshops, faculty, and student development programs. The process of attainment of COs, POs, and PSOs starts with writing appropriate COs for each course in the program. The course outcomes are written by the respective faculty member using action verbs of learning levels as suggested by revised Bloom's Taxonomy. Predefined POs are collected. All the COs of every course is mapped with POs and PSOs. A correlation is established between COs and POs, PSOs on a scale of 1 (Low) to 3 (High).</p>
6. Distance education/online education:	<p>P. R. Pote (Patil) College of Engineering &amp; Management is affiliated with SGBAU University, Amravati, therefore we cannot offer distance education /online education on our own. Our Institution encourages faculty to adopt pedagogical methodologies. Apart from Chalk &amp; Talk and regular teaching methods, online teaching methodologies are given equal importance. Some of the methodologies are Microsoft Teams and Google Forms: Faculty used Microsoft Teams and Google classroom extensively to share notes, presentations, and student assignments. The tests exams and assignments were conducted using Google forms/classroom. Group Discussions: This involves discussion among a group of students to assess the application of various concepts to gain a better perspective on the merits &amp; demerits of the concepts. Interactive Seminars: During their presentation skills hours, each group in a class will prepare a recent research topic or technical facts and present it. Workshops/Guest Lectures/Seminars/Conferences: Workshops, seminars, and conferences are organized every year for gaining knowledge and to increase the research potential of the students and the faculty members. Working Models/Demos: Simple demo is given to illustrate the basic principles which are displayed in the laboratories. Project-Based Learning: In order to learn the practical courses more effectively, the students are instructed to do mini/major projects as per university rules. This method is extensively used to provide empirical evidence of the theory learned. Blended Teaching: Usage of Teaching aid Techniques such as video lectures, and power-point presentations are in use. We implement active learning strategies such as Collaborative and individual learning activities. Online Teaching: During the Covid-19 situation, faculty made a swift</p>

transition from classroom to online teaching by using online platforms like Microsoft Teams, ZOOM, and YouTube.

### Institutional Initiatives for Electoral Literacy

<p>1. Whether Electoral Literacy Club (ELC) has been set up in the College?</p>	<p>An Electoral Literacy Club is a platform to engage college students through interesting activities and hands-on experience to sensitise them on their electoral rights and familiarise them with the electoral process of registration and voting. Through ELC, Election Commission of India, aims at strengthening the culture of electoral participation among young and future voters. At P. R. Pote (Patil) College of Engineering &amp; Management, ELC has been setup with following Vision and objectives. VISION: To make its utmost contribution to have an active democratic citizenry originating in integrated civic and voter education and electoral participation right from a young age. OBJECTIVES: Electoral Literacy Club shall be established at our college with the following objectives: • To educate the targeted populations about voter registration, electoral process and related matters through hands on experience. • To familiarize the targeted populations with EVM and VVPAT and to educate them about robustness of EVM and integrity of the electoral process using EVMs • To help the target audience understand the value of their vote to ensure that they exercise their suffrage right in a confident, comfortable, and ethical manner • To harness the potential of ELC members for carrying electoral literacy in communities • To facilitate voter registration for its eligible members who are not yet registered • To develop a culture of electoral participation and maximize informed, and ethical voting, and follow the principle 'Every vote counts and 'No Voter to be Left Behind.</p>
<p>2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?</p>	<p>Yes, ELC Student's coordinator and coordinating faculty members are appointed by the college. ELC is also functional and ELCs are representative in character. The ELC Committee is as follows- • ELC Club Convener: Prof. S. S. Mendhe, Programme Coordinator NSS Cell. • ELC Co-convener: Prof. A. P Pundkar, ALUMNI Cell • ELC Students Coordinator Mr. Rushikesh Gangade • ELC Students</p>

	Coordinator Mr. Tajas Dhage
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	<p>Activities Conducted: • Celebration of Constitutional Day in association with NSS every year. • Voters Awareness Campaign at P.R. Pote College of Engineering &amp; Management Amravati - The ELC club organized a Voter awareness campaign through the ELC Member Students of Second Year Engineering in their Own Institute. In this campaign, the students spread awareness among the voters of this Institution through Nukkad Natak and Rally throughout the Institute. Mr. Sushil. Wankhade &amp; Dr. Swapnil Gulhane from Social Welfare Department were leading the awareness campaign. ELC Convener Prof. S. S. Mendhe &amp; Prof. A. P. Pundkar conveyed their best wishes for the events organized by ELC Students. • New Voters Card Opening Campaign at Adopted Village Takli Jahagir, Dist. Amravati. - The ELC club organized New Voter Card Opening campaign through the ELC Member Students of Third Year Engineering is participated in this Activity. The ELC Club member visited the adopted Village Takli Jahagir along with their laptop and Scanner in Grampachayat Bhavan Takli Jahagir. 150+ New Voter Forms were filled out during the Campaigning. ELC Convener Prof. S. S. Mendhe &amp; Prof. A. P. Pundkar also participated in the campaigning. • An Invited Lecture Programmed on National Voter's Day is organized in the College on 25-01- 2022- The ELC Club organized Guest Lecture on Awareness of Voting among College students on the occasion of National Voter Day which is observed every year on 25/01/2022. Dr. Rajendra Misal was Guest Speaker from Amravati District Election Commission. The Student from the First and Second years participated in the program. The Principal Dr. D.T. Ingole has conveyed his best wishes for the successful conduction of the programme.</p>
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.	<p>• Students are given socially relevant project through ELC Club in the College. Students take part in poster designing competitions during Constitution Day celebration every year. • NSS Coordinator also conducted NSS camps in the nearby villages and voter awareness campaigns are initiated in it. • Students created content in Art Contests, Photography Contests, Film Screenings, and Short Film Making Contest, Mime Acts/Street</p>

	Plays/Roadshows, Dance/Music competitions during annual gatherings, Debate/Speech Elocution Competitions and Featured Stories in the College Magazine demonstrate voters democratic values and participation in electoral processes.
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.	<ul style="list-style-type: none"> <li>• Institute regularly makes aware students having age above 18 years enroll as voters in the electoral roll. Institutes provide all kinds of support to government agencies to conduct such activities on the college campus.</li> </ul>



## Extended Profile

### 1 Students

#### 1.1

Number of students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
2449	2299	1981	2178	2407

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 2 Teachers

#### 2.1

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

Response: 168

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

#### 2.2

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

2021-22	2020-21	2019-20	2018-19	2017-18
123	122	129	125	167

### 3 Institution

#### 3.1

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

2021-22	2020-21	2019-20	2018-19	2017-18
184.13	83.64	223.29	173.66	100.21



## 4. Quality Indicator Framework(QIF)

### Criterion 1 - Curricular Aspects

#### 1.1 Curricular Planning and Implementation

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

**Response:**

Institute is affiliated with Sant Gadge Baba Amravati University (SGBAU). Curriculum and syllabi framed by University are being followed by all programs.

**College Academic Calendar:** In addition to the SGBAU Academic Calendar, Curriculum, Co-Curriculum, and Extra-Curriculum activities are incorporated into College Academic Calendar for effective Curriculum delivery and Outcome-based Education (OBE).

**Departmental Academic Calendar:** It includes departmental activities, Workshops, Guest Lectures, Seminars, Field visits, Project Reviews, Parent Teacher Meeting, Campus Recruitment Training, Skill development Programs, Alumni Meet, Add-on programs, Co-curricular/extra-curricular activities for student enrichment.

**Induction Program:** It is conducted for the first-year students to overcome their apprehensions and helps them to establish the relationship with the faculty and their peers. Bridge courses and Universal Human Value-based contents are also delivered in the program.

**Quality of Classroom teaching:** It is based on content delivery, interaction, discussion, examples, applications, and usage of modern ICT tools, and projects. The role of teachers is significant not only with content but also with the inspirational engagement of the students through various instructional methods and pedagogical initiatives.

**Summer/Winter Internship:** Students are encouraged to complete the Internship in Summer/Winter sessions.

**Course File:** It contains Course Objectives, Syllabus, COs, POs Lesson Plan, Notes, Assignments, Assessment details, topic beyond Syllabus, use of ICT, CO-PO mapping and attainments.

**Project-Based Learning (PBL):** Institute encourages PBL to equip students to resolve real-time problems. Final year students prepare project reports/dissertations and create along with prototypes.

**Tutorial and Remedial Classes:** Tutorial and remedial classes are conducted for weak students to improve their academic performance.

**Student-Centric Advanced Teaching Techniques:** Teachers are encouraged to impart the curriculum through student-centric learning methods such as Presentations, Assignments, NPTEL Lectures, Group Discussions, quizzes, Seminars, Projects, virtual labs, etc. along with the regular teaching methods.

**Subject Allocation:** HOD conducts departmental meeting to assign the subjects to the faculties based on their preferences, experience, area of specialization, and previous result analysis of the subject.

**Student counselling:** Every faculty is assigned with a group of students to mentor throughout the course in which student's difficulties, requirements and suggestions are discussed for the necessary actions for the effective implementation of curriculum and personality development.

**IQAC** plays active role in academic planning and monitoring the curriculum delivery.

**Conduct of continuous internal Assessment:** Question papers are prepared as per bloom's taxonomy level and SGBAU guidelines. Department Academic Committee moderate question papers. Question paper is descriptive in nature. Two Unit tests covering 4 COs and Assignments covering the remaining COs are conducted. Subject teachers evaluate the answer sheets as per scheme of evaluation. After evaluation, faculty members interact with all students elucidating them proper answers. Student grievances will be resolved within 2 days.

A schedule is prepared for the smooth conduction of **lab Internal**. The practical skill-set and performance of students is evaluated during session with Lab Record and viva-voce. Institute discuss ward's performance with parents.

**Project Evaluation:** Mini and Major Projects are guided by internal guides and evaluated with the help of Project Review Committee. Project Reviews are conducted in a well-planned manner.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 1.2 Academic Flexibility

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

**Response:** 119

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

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

**Response:** 63.48

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

2021-22	2020-21	2019-20	2018-19	2017-18
1850	1792	1129	1244	1167

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 1.3 Curriculum Enrichment

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

**Response:**

The Institute takes all measures to enrich the curriculum through activities that are diverse and cater to the cross-cutting issues relevant to sustainable environment, gender equality, human values, and professional ethics for addressing the economic, social, and environmental challenges of globalization.

The students are molded as responsible Engineers and Managers by creating awareness and addressing societal and generic needs. Along with a standardized learning plan, the curriculum is enriched by including the courses like Gender Sensitization, Environmental Studies, etc., Samples of courses offered to the students for enhancing their knowledge in the above aspects are listed below.

S. N	Issues	University Regulation	Course Name	

		SGBAU No		
1	Environment & Sustainability	41/2021	Environmental Studies	
2		135/2021	Solid and Hazardous waste Management (6CE04)	
3		135/2021	Environmental Mgmt. (6CE05)	
4		135/2021	HRD & OB (6CE05)	
5		135/2021	Non-conventional Energy Sources (PE-I) (6ME04)	B
7		135/2021	Non-conventional Energy Sources (PE-II) (6ME05)	
8	Human Values & Professional Ethics	135/2021	Cyber Laws and Ethics (6KS05)	BE – C
9		135/2021	Intellectual Property Rights (6KS05)	
10		21/2020	Introduction to Cyber Security (5KS05)	
11		21/2020	Values & Ethics (4ETC05)	
12		61/2020	Cyber Security and Digital Forensic (MCA19213)	
13		26/2011	Managerial Economics (MBA/102)	
14		26/2011	Managerial Skills Development (MBA/103)	
15		26/2011	Accounting for Managers (MBA/104)	
16		26/2011	Business Ethics (MBA/106)	
17		26/2011	Human Resource Management (MBA/203)	
18		26/2011	Financial Management (MBA/204)	
19		26/2011	Business Law (MBA/301)	
20		26/2011	Marketing for Non-Profit Organizations and Social Services (MBA/4203/SM)	

### **Gender Equality**

The institution has a “Women Grievance Redressal Cell” with one of the senior woman faculty members as convener and other faculties as members. This committee provides an exclusive platform for women employees and girl students to discuss their grievances. It develops welfare schemes for them and establishes self-esteem and respect for women without any gender bias. It organizes special programs to

empower them with their basic rights.

**Environment & Sustainability:** Apart from the curricular course, activities are conducted through NSS and departmental forums to create awareness of environmental issues and their sustainability to society. The Institution has implemented a rainwater harvesting system. Students are using college buses for conveyance.

### Human Rights

The College has an Anti-Ragging Committee. This Committee effectively controls ragging, which is a violation of fundamental human values and rights. An anti-Ragging Squad for the control of ragging is in place. The squad members are posted in the crowded areas of the college campus to prevent the newly admitted students from being ragged. Students are educated through peer groups to avoid ragging menace. No ragging cases to date registered on the campus.

### Professional Ethics

The students are trained to use professional knowledge to face the public. Students are capable of making judgments, applying their skills, and reaching considered decisions in situations that the general public cannot do because they have not attained the necessary knowledge and skills. The T&P Cell also trains the students on these soft skills through various courses.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

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

**Response:** 75.95

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

**Response:** 1860

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 1.4 Feedback System

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

**Response:** Yes

File Description	Document
Upload supporting document	<a href="#">View Document</a>



## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

#### 2.1.1 Enrolment percentage

**Response:** 71.73

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

2021-22	2020-21	2019-20	2018-19	2017-18
596	512	348	433	564

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

2021-22	2020-21	2019-20	2018-19	2017-18
648	648	708	708	708

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

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

**Response:** 100

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

2021-22	2020-21	2019-20	2018-19	2017-18
466	389	266	316	408

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

2021-22	2020-21	2019-20	2018-19	2017-18
466	389	266	316	408

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 2.2 Student Teacher Ratio

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

**Response:** 19.91

## 2.3 Teaching- Learning Process

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

**Response:**

The Institute ensures that learning more student-centric by adopting the following participatory learning activities to ensure the holistic development of students and facilitate lifelong learning and knowledge management.

- Conducting Lectures, Presentations, and tutorial classes.
- Giving assignments.
- Learning some of the subjects using software like MATLAB, ETAP, Microwind, PSIM, etc.
- Flip Classes,
- Team teaching, blended classes,
- Learning with ICT-enabled technology i.e., Virtual Labs, Webinars online learning, etc.
- Students are encouraged to register for NPTEL courses, which improve self-learning.
- Presentation by students in the seminars
- Discussing Case studies.
- Industry-oriented Mini Projects.
- Major Projects on the latest technologies and by using advanced software.
- Accessing additional information and the latest developments in the subject area through the internet.
- Model making and presenting them in project exhibitions.
- Practical training in the industry. Industrial/field visits.
- Presenting and publishing technical papers in conferences/Journals. facilitating internships at

Industry/renowned institutions etc.

- Advising them to become members of technical professional bodies like CSI, IETE, ISTE, IEEE, etc.
- Internships are provided to the Students through MOUs with the industries

Exposure to all the above activities creates confidence among students and drives them towards life-long learning and knowledge management.

### Participative learning:

- Encouraging students to participate in symposiums, debates, design contests, and discussions.
- The institute provides Campus Recruitment Training for all students from 2nd year onwards for making them ready for placements.
- Students are trained on the latest trends and innovative technologies by organizing workshops, guest lectures, and seminars.
- The institute has various professional societies like IETE, IEEE, and ISTE, where the students can participate in technical activities.

### Problem-solving methodologies:

- To promote critical thinking, innovation, and interpersonal skills, students are given Assignments and Projects to design systems to understand the problems.
- Brainstorming sessions are conducted for the students.
- The performance and the understanding capability of the student are assessed at the end of the concept through assignments & quizzes.

Students are given remote access to the labs in various disciplines, which enables them to avail tools like web resources, video lectures, and animated demonstrations.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 2.4 Teacher Profile and Quality

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

Response: 100

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

2021-22	2020-21	2019-20	2018-19	2017-18
123	122	129	125	167

File Description	Document
Upload supporting document	<a href="#">View Document</a>

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

**Response:** 14.11

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

2021-22	2020-21	2019-20	2018-19	2017-18
25	22	20	12	15

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 2.5 Evaluation Process and Reforms

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

**Response:**

The Institute follows SGBAU guidelines pertaining to syllabus, examination, evaluation and awarding of degree. The Institute has academic calendar which includes schedule of internal assessment, assignments and other activities. Academic calendar and timetables are disseminated at the beginning of the semester. Transparency is maintained in conduction and assessment of internal exams through the mechanisms as followed:

### **Theory:**

- Syllabus and schedule for internal assessment and assignment are communicated to students well in advance.
- Institute conducts 2 Unit Tests and Assignments. Each Unit Test is conducted after the completion of 2 units. A retest is conducted for failed and absent students. Assignments are given for the remaining 2 units.
- Question paper and scheme of evaluation are prepared by the faculty and moderated by the committee to ensure syllabus coverage, course outcomes, and level of revised Bloom's taxonomy.
- The internal examination answer scripts are evaluated within three days of completion of the exam schedule.
- Finalized internal marks are displayed on the notice board.
- Consolidated internal marks signed by HOD and approved by the Principal are submitted to the University.

### **Assignment:**

- Assignments are given to students well before the mid-term exams.
- Students submit assignments by referring to various textbooks and other resources. Faculty evaluated assignments and are shown to the students to bring out discrepancies if any. Evaluated assignments are returned to the students for their reference.

### **Lab:**

- In laboratory courses, evaluation is done in each laboratory session based on a rubric developed. At the end of the lab session, an internal assessment is done by the faculty in the prescribed guidelines.
- The consolidated list of marks in each mid-term exam is displayed on the notice board.

### **Project:**

- Project reviews are done by the project review committees based on the rubrics defined by considering various parameters. Project evaluation and awarding of internal marks are based on problem statements, literature survey, the scope of the project, proposed methodology, and presentation skills.

### **Technical Seminar:**

- Students choose an innovative technology or the latest topic and explore it. The performance of the seminar is evaluated based on the parameters like literature survey, technical content, presentation skills, and questioning and answering.

**External Assessment:** It is conducted by the SGBAU.

**Mechanism to deal with internal/external examination related grievances:**

**The general grievances related to internal examinations:**

- The students approach their respective faculty for the correction in totalling and evaluating of marks.
- Any discrepancy in aggregate marks, student can approach HOD, then HOD instructs the internal assessment committee to resolve the issue.
- All the grievances are therefore resolved with utmost priority. Institute level grievances are resolved within two/three days.

**General grievances related to external examinations:**

- Any grievance related to external examinations, is addressed by the SGBAU.
- If student is having grievances related to external valuation, he/she may ask for photocopy of answer script by paying fees prescribed by the University.
- University provides photocopy of answer script to the students. Student check answer script with concerned faculty and submit and claim for revaluation to the University.
- University declares revaluation result within 60 days.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 2.6 Student Performance and Learning Outcomes

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

**Response:**

The Institute has stated POs, COs and PSOs and communicated /disseminated to the teachers and students is as follows.

- 1.College website (<https://prpoteatilengg.ac.in/>)
- 2.Department home page on the college website (<https://prpoteatilengg.ac.in/electrical>)
- 3.Principal office
- 4.Library

5. Faculty Room
6. Department Library
7. Department Brochure
8. Course File Handouts
9. Newsletter
10. Laboratory Manuals
11. Corridors
12. Classrooms
13. College Magazine
14. Laboratory Record Books
15. Seminar Hall
16. Placement cell

The course owner defines the course outcome for the course using revised Bloom's Taxonomy. The Department Advisory Committee and the Head of the Department review and approve the course outcomes (CO). Each CO is mapped to POs and PSOs in terms of their

correlation. Three levels of correlations are used for mapping COs with POs and PSOs, where 1 is used for indicating low, 2 for medium, and 3 for a high level of correlation. The contribution of a course to each PO/PSO is expressed in terms of the average relevance of COs mapped to that particular PO/PSO.

#### **Attainment of POs and Cos are evaluated by the institution:**

PRPCEM has implemented OBE which focuses on assessing student performance through outcomes. Cos, POs, and PSOs are calculated to measure the knowledge, skills, and behavior of students for the continuous quality enhancement of each Course and Program using the below-mentioned procedure.

Course Outcomes are articulated as per Bloom's taxonomy for all the courses. Then CO-PO and CO-PSO correlation matrices are set for all the courses in the program. The target Attainment Level is set for each Course Outcome as per the below levels.

CO attainment	Level
$x \geq 60\%$	3
$50\% \leq x < 60\%$	2
$40\% \leq x < 50\%$	1
$x < 40\%$	0
<b>Table: Attainment Level</b>	

Attainment of Course Outcomes is calculated using Direct and Indirect methods.

### **1. Direct Assessment Tools:**

#### **Unit Test Examinations (Descriptive):**

This type of performance assessment is carried out twice a semester and is focused on attaining the course outcomes. This assessment helps in evaluating the student's understanding of the course concepts in an elaborative way. This exam contributes an overall of 15 marks towards the internal marks.

#### **Assignment:**

The assignment is a qualitative performance assessment tool designed to assess students' knowledge of engineering practices, frameworks, and problem-solving. An analytic rubric was developed to assess students' knowledge with respect to the learning outcomes associated with the current scenario tool. The assignment contributes overall 5 marks towards the internal marks.

Both descriptive exams and assignments are evaluated for 20 marks.

### **2. Indirect Assessment Tools:**

#### **Survey reports:**

Indirect assessment strategies may be easily implemented by embedding them at the end of the course Evaluation form, Alumni Survey, and Employer Survey.

#### **Graduate/Exit Survey:**

Graduate / Exit Survey is conducted during the program for the final year outgoing students.

#### **Alumni Survey:**



After one year of graduation, an alumni survey is formulated.

### Employer Survey:

After one year of graduation, the employer survey is assessed.

Finally, in evaluating the Course Outcomes, we take a weighted average of 80 % of the direct assessment and 20 % of the indirect assessment.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 2.6.2 Pass percentage of Students during last five years

**Response:** 87.16

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

2021-22	2020-21	2019-20	2018-19	2017-18
609	681	581	504	591

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

2021-22	2020-21	2019-20	2018-19	2017-18
777	697	639	597	693

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 2.7 Student Satisfaction Survey

### 2.7.1 Online student satisfaction survey regarding teaching learning process

**Response:** 3.73

File Description	Document
Upload database of all students on roll	<a href="#">View Document</a>

## Criterion 3 - Research, Innovations and Extension

### 3.1 Resource Mobilization for Research

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

**Response:** 28.35

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

2021-22	2020-21	2019-20	2018-19	2017-18
6.72	4.92	11.71	0	5

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 3.2 Innovation Ecosystem

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

**Response:**

PRPCEM has initiated an innovative ecosystem to inculcate research activities among students and faculty. Keeping in line with Digital India Policy for nurturing young minds and making them industry ready, the institute has established an Incubation Centre, Institution innovation Cell, Research & Development cell, entrepreneurial development cell, Intellectual Property Rights (IPR) cell, Centers of Excellence and MOUs used with different organizations.

**Incubation Centre:**

The objective of setting up an incubation Centre is to give life to the student's ideas. These ideas could be implemented by efficiently utilizing the available resources. Faculty proactively guides and motivates the students in developing their ideas.

**Institution Innovation Cell:**

It is thus envisaged to network people, ideas, experience, and resources to motivate the innovation community in the college. This cell helps to nurture the students' ideas and encourages them to bring up business proposals. The Innovation Cell may facilitate even in getting funds for the project.

The main aim of this Cell is, thus, to create intuition in terms of creative design ideas in various fields of engineering in an aesthetic approach. Innovation Cell will assist students and also encourage young talented minds by providing them with a perfect platform for showcasing their talents, working together as teams, and participating in various competitions. It will also serve to provide the students with a platform to excel in their specialized areas of interest.

#### **Entrepreneur Development Cell (EDC):**

The aim of EDC is to set up a platform for aspiring entrepreneurs. This cell organizes seminars, and workshops to enhance the skill set of the students. This also helps the students in acquiring the knowledge to establish collaboration with different industries. PRPCEM, EDC works with an objective that promotes the students as a job creator than a job seekers. EDC conducts training programs for students to make them aware of the required statutory/ regulatory procedures for starting a business.

#### **Intellectual Property Rights Cell (IPR):**

This cell organizes seminars and workshops for creating awareness on IPR, filing of patents, technology transfer, copyrights and its challenges, trademarks, and advances in IPR in India.

#### **Research and Development Cell:**

It encourages students and faculty to carry on with their research. In this regard, it conducts seminars and workshops to motivate the students and faculty fraternity by eminent academicians and industry representatives to enrich the knowledge in the concerned area. It also encourages student visits to research-oriented Labs.

#### **MOUs:**

The institute has a tie-up with many industries as well as education Institutes to exchange knowledge in the form of guest lectures, workshops, seminars, Internships, certification training, and Industry visits.

#### **Centre of Excellence**

The institute has established the following centers of Excellence-

- **Center of Excellence for Skill and Personality Development Centre (SPDC):** This center provides skill and personality development programs for students from SC/ST backgrounds.
- **Departmental Centre of Excellence.**

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

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

Response: 143

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

2021-22	2020-21	2019-20	2018-19	2017-18
40	29	36	20	18

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 3.3 Research Publications and Awards

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

Response: 2.26

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

2021-22	2020-21	2019-20	2018-19	2017-18
115	96	50	43	76

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

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

**Response:** 0.96

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

2021-22	2020-21	2019-20	2018-19	2017-18
57	74	05	12	13

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 3.4 Extension Activities

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

**Response:**

The institute's vision is "To flourish as a center of excellence for producing the skilled technocrats and committed human beings". Also, one of the missions is "To develop professionals with strong ethics and human values for the betterment of Society ". Institute nurtures the students in all aspects through NSS activities conducted. The institute encourages the students to participate in extension and outreach programs and enriches them with social values and responsibilities. The Institute encourages the active participation of the students as well as the faculty in the service-oriented programs. For the overall development of the student, the institute encourages them to participate in cultural and sports activities.

#### Activities for Orphans/underprivileged students:

Every year Department conducted several activities and welfare programs for the orphan students nearby to the Institution. Departments also organized several technical workshops in the schools located in the villages. The Impact of it is that school children are motivated to learn technology.

## National Service Scheme (NSS)

The NSS cell of our institute conducts many extension activities for the betterment of the neighborhood community in addressing their social issues. The NSS Cell maintains its social cohesiveness through extended activities through camps and activities. Days are celebrated like Swachh Bharat, Women's Day Celebrations, Tree plantation, Water conservation, Voters Day, National Integration Camp, Girl, and women safety programs, Save environment programs, Self Defense programs for girls. The institutes conducted extensive health camps such as Blood Donation Camps and Health Awareness Programs (Such as AIDS, HIV, Covid-19, and Kill Cancer programs). The institute also visits orphanages, old age homes, homes for the blind, etc., to cheer them.

## Impact of the NSS Activities

- The college campus and the surrounding neighborhoods are spick and span as the result of swatch Bharat, the Exhibition on "Freedom Fighter of Vidharbha Region", Har Ghar Tiranga initiative under Aazadi ka Amruit Mahostov.
- By conducting health awareness programs there is a significant decline in the spread of diseases.
- There is a notable increase in the number of camps being conducted and a significant increase in the number of participants at these camps every year.
- The programs conducted on child health, Girls' and women's safety increased the confidence levels in girls and women and made them emotionally and physically strong. The programs conducted on health awareness have improved the health of the surrounding community of PRPCEM.

The Institute received many letters and certificates of appreciation and recognition from various organizations like SGBAU, NGOs, and Orphanage for the activities conducted for the holistic development of the neighboring community.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

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

### Response:

The aim of the Institution is to provide the right environment for physical, intellectual, social and boost the morale of students and staff, and to become good citizen. The Institute Vision and Mission are also

aligning with extension activities to be conducted for the intellectual development of our students, sensitizing them towards service-based learning. The NSS unit of Institution intended to involve the students in a variety of social service and developmental activities concomitantly with the normal academic programme.

Institute received following awards for extension activities from Government/recognised bodies.

<b>Name of the activity</b>	<b>Award/ recognition</b>	<b>Name of the Award Agency</b>	<b>Year</b>
SGBAU Startup Competition	2nd & 3rd Awards	SGBAU	2021-22
Bharat Education Excellence	Yuva Acharya	Bharat Education Excellence	
Sherlock'ed event	2nd position	College of Engineering Pune	
Code Strike	3rd prize	PRMIT&R – CSI	
Huawei ICT Competition	Certificate of Merit	Huawei Technologies Co,Ltd	
Quality Education and Placements	National Educational Excellence Award	Beginup Research Intelligence Pvt. Ltd.	
Distribution of Mask, Sanitizer Camp, Medicine, Ambulance and Food	Certificate of Award	District Women Hospital, Amravati, Gram Panchayat Kathora Bk., Takli, Gopalpur	
COVID-19 Awareness & Precautionary Measure Camp		Gram Panchayat Takli, Gopalpur, Kathora	
National Idea Business Challenge	Silver Award	Multimedia University Malaysia	2020-21
Ignited Innovation of India (I2I) Techno -Social Project Completion 2020-21	Certificate of Merit	Bhau Institute of Innovation of Entrepreneurship and Leadership College of Engineering Pune	2020-21
AD-Techno Engg additional MIDC, Nandagawan Peth	Best Internship Award	AD-Techno Engg additional MIDC, Nandagawan Peth	
National Level Webinar	Appreciation Letter	G.G.Ghadse College Mukatinagar	
Award	Young Scientist of the year 2020	Eudoxia Research Centre, Reg. under MCA, GOI	
Recognition	World book of records for thickest book in the world	ESN Publications	
National Level I2i project competition	Second rank for i2i project competition	BHAU college	
NPTEL Online Certification	Elite+Gold certificate for	IIT, Kharagpur	



**Self Study Report of P. R POTE (PATIL) EDUCATION AND WELFARE TRUST'S GROUP OF INSTITUTIONS  
COLLEGE OF ENGINEERING AND MANAGEMENT**

	Programming in Java	
Code strike	1st & 3rd prizes	Prof. Ram Meghe Institute of Technology & Research- CSI Student Branch
Merit Associates Amravati	Best Internship Award	Merit Associates Amravati
Earth Associates Amravati	Best Internship Award	Earth Associates Amravati
Award and Recognition	Global Outreach Award in Engineering and Technology	Bestow Edutrex International
Award and Recognition	Best Academician Award	
Award and Recognition	Excellent Teaching in Higher Education	Skillwin Edutech University
Award and Recognition	Best Senior Faculty Award	
Award and Recognition	Best Women Faculty Award	
National e-Conference	Best Paper Presentation Award	Rajarshee Shahu Science College Chandur Railway, Sponsored by Indian Science Congress
Drug Eradication & Girls Education Awareness Programme	Certificate of Award	Gram Panchayat Revsa
Blood Donation Camp		
Household Survey and Energy Audit		
Tree Plantation on Z.P. School		
Health Check Camp		
Household Survey and Energy Audit		Gram Panchayat Takli, Kathora Bk, Gopalpur
Tree Plantation on Z.P. School		Gram Panchayat Gopalpur
Drug Eradication & Girls		Gram Panchayat Kathora Bk.,2018-19

Education Awareness Programme	Gopalpur
Blood Donation Camp	Gram Panchayat Gopalpur
Tree Plantation on Z.P. School	Gram Panchayat Revsa
Health Check Camp	Gram Panchayat Kathora Bk., 2017-18 Takli, Gopalpur
Tree Plantation on Z.P. School	Gram Panchayat Takli & Kathora
Drug Eradication & Girls Education Awareness Programme	
Blood Donation Camp	

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

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

**Response:** 124

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

2021-22	2020-21	2019-20	2018-19	2017-18
36	27	17	24	20

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 3.5 Collaboration

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

research during the last five years.

**Response:** 47

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## Criterion 4 - Infrastructure and Learning Resources

### 4.1 Physical Facilities

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

**Response:**

**Response:**

The institution is provided with good and modern infrastructure facilities for the teaching and learning process. It is provided with excellent physical infrastructural facilities spread over 7.5 acres of land with a built-up area of 18807 Sq.m to support the teaching-learning process.

**Classrooms:**

The institute has spacious and well-equipped classrooms with LCD projectors, WiFi, and ICT facilities for an effective Teaching Learning process. The Institute has a sufficient number of tutorial rooms to conduct tutorial classes for weak students.

**Seminar Halls:**

The college has sufficient seminar halls equipped with LCD projectors, WiFi, Audio, and ICT facilities to conduct various activities like conferences, workshops, guest lectures, webinars, seminars, etc.

**Laboratories:**

The institute has well-equipped laboratories as per the curriculum. It has an adequate number of computer laboratories with WiFi, LAN, and ICT facilities. The college maintains department-wise separate laboratories.

**Computing Equipment:**

The Institute has well-developed Computing resources which include 900 computer systems and servers, scanners/printers, and CD/DVD writers which are used for academic purposes. The institute has a language laboratory to support and enhance the student's communication skills and personality development. Computers are connected to LAN All the necessary software for delivering the courses is available in the respective departments and laboratories. The total internet bandwidth available in the institution is 490 Mbps.

**Additional facilities:**

The institute has a medical dispensary, stationery stores & Canteen with quality and hygienic food for the

students and faculty. Purified Drinking water coolers on are in place. For uninterrupted power supply, the campus is bracketed with 2 generators with 125 KVA and 63 KVA capacity Generators. The campus is under CCTV surveillance from the strategic point of view of security.

#### Physical Facilities:

Sr.No.	Particulars	Number	Area in Sq.m.
1	Classrooms	38	2813
2	Tutorial Rooms	08	287
3	Laboratories	50	4646
4	Seminar halls	03	490
5	Auditorium	01	5600
6	Gymnasium	01	72
7	Yoga Center	01	370
8	Sports Room	01	37
9	Drawing halls	02	145
10	Computer Center	01	199
11	Central Library	01	737
12	NSS Room	01	35
13	Girls Common Room	02	110
14	IQAC Cell	01	40
15	EDC Cell	01	72
16	Exam Control Room	01	60
17	Training and Placement Cell	01	50

#### Sports and Games

- Sports facilities have been established for indoor and outdoor games.

#### Gymnasium:

- The institution's Gym is well-equipped. The students take advantage of Gym before and after college hours.

#### Yoga Centre:

- The institution gives importance to YOGA. The sessions ensure better health and balanced living for the students.

#### Cultural Activities:

- The aim of the institution is to encourage the student's cultural activities like singing, dancing, etc.

in various aspects, apart from academics. The cultural activities are carried out at Swami Vivekananda Auditorium by student welfare. Every year, College has a vibrant celebration of the annual gathering “*Unmesh*” and special days (like Women's day, Engineer's day, etc.). Also final year Farewell, Graduation Ceremony, and Offer letter distribution ceremony. Renowned personalities honor the day and distribute degree certificates and Offer letters to students.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

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

**Response:** 26.5

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

2021-22	2020-21	2019-20	2018-19	2017-18
41.13	75.56	30	26	30

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 4.2 Library as a Learning Resource

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

**Response:**

- Name of ILMS software - LIBMAN
- Nature of automation - Fully
- Version–2.0
- Year of Automation–2021-22

The Institute has well equipped, spacious library of carpet area 737 square meters with rich collection of engineering books including national, international journals, periodicals, and magazines. The library is fully automated with LIBMAN software. The reading room facility is available for students. The reading

room is 411.75 sq.m with a seating capacity of 150 students. It has about 6675 titles, 46179 volumes, 2975 e-books, 56 national & 51 international journals and magazines along with 15 newspapers. All the books are bar-coded, and bar-code laser scanners are used in circulation counter for book transaction.

A student approaches the counter for receiving a book; the book is searched by title or author. Students can access physically the stack area. The entry is made in LIBMAN software through student login and the book is registered as issued in the student's name. The book is marked for a due date by putting a stamp and entry is made manually in the register. Many copies of popular books are brought to make them available to as many students as possible. The books-per-student ratio is approximately 1:10. Each student can receive 05 books at a time and they have allocated library hours per week. To make the functioning of the Central library easy, effective, and automated, the institute has enabled DELNET and J-Gate membership for e-resources-Journals and database remotely. Direct Access to online journals is made available for staff and students such as DELNET, J-Gate, and National Digital Library to learn the latest research, and techniques in engineering. The library facility is open to all students and faculty members and is continuously updated with the latest books and journals. The Book-bank facility is available. The institute always strives to provide the latest and best collection of books, journals, and online sources to students.

Total area of the library(in Sq.Mts.)		737Sq.Mts.
Total seating capacity		150
Working hours (on working days, on holidays, before examination days, during examination days, during vacation)	working days	08:00 am to 6:00 pm
	weekend	10:00 am to 6:00 pm
Layout of the library		individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing resources

Average number of walk-ins	553 Nos.
Average number of books issued/returned	365 Nos.
Ratio of library books to students enrolled	1:10
Average number of books added during last three years	5010 Nos.
Average number of login to (OPAC)	203 Nos.
Average number of login to e-resources	30
Average number of e-resources Downloaded/printed	25 Nos.
Number of information literacy trainings organized	01 Nos.

OPAC (Online Public Access Catalogue)	Yes
Electronic Resource Management package for e-journals	Yes
Federated searching tools to search articles in multiple databases	Yes

In-house/remote access to e-publications	Yes
Library automation	Yes
Total number of computers for public access	25
Total number printers for public access	01
Internet band width/ speed (Mbps)	490 Mbps
Institutional Repository	Yes
Content management system for e-learning	Yes

  

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 4.3 IT Infrastructure

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

##### Response:

The institute has the latest IT infrastructure facilities, such as internet bandwidth, configure computers, all the classrooms and seminar halls equipped with LCD projectors, and ICT facilities for the teaching-learning process. For internet access to students and faculty, the institute is well equipped adequate number of systems with internet connectivity. The departmental requirements for updating existing IT facilities as well as upgrading to new software are collected at the beginning of the academic year and the same is processed through the proper channel.

The Principal's Office, Administrative Office, Examination Cell, Training and Placement Department, Heads of the departments, and Faculty members and all Departments are well equipped with computer systems, scanners, printers, and Wi-Fi routers with advanced configurations.

The departmental computer labs are with internet facility and are installed with licensed/ open source software depending upon requirements like Microsoft EDU CLOUD, MATLAB, E-TAP, MATLAB & Toolbox, MICROWIND 3.8, CATIA, AutoCAD, Microsoft Campus License, Oracle, Linux.

The Institution implements of Bio-Metric attendance system to all teaching & non-teaching members as. Sufficient numbers of Printers and Scanners are available on the campus and are increased as per the requirement. All HODs and other higher administrative authorities have access to a scanner and printer. Institute has a well equipped about 900 systems with connectivity of 490 Mbps bandwidth. The students get access to computer labs.



File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

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

**Response:** 2.72

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

Response: 900

File Description	Document
Upload supporting document	<a href="#">View Document</a>

## 4.4 Maintenance of Campus Infrastructure

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

**Response:** 74.38

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

2021-22	2020-21	2019-20	2018-19	2017-18
143.69	8.08	193.29	153.66	70.21

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## Criterion 5 - Student Support and Progression

### 5.1 Student Support

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

**Response:** 84.68

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

2021-22	2020-21	2019-20	2018-19	2017-18
2107	2003	1710	1922	1839

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

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

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

**Response:** A. All of the above

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

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

**Response:** 77.22

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

2021-22	2020-21	2019-20	2018-19	2017-18
2237	1015	1965	2332	1188

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

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

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

**Response:** A. All of the above

File Description	Document
Upload supporting document	<a href="#">View Document</a>

## 5.2 Student Progression

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

**Response:** 60.25

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

2021-22	2020-21	2019-20	2018-19	2017-18
477	217	351	354	364

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

2021-22	2020-21	2019-20	2018-19	2017-18
609	681	581	504	551

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

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

**Response:** 14.61

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

2021-22	2020-21	2019-20	2018-19	2017-18
3	3	0	3	4

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

2021-22	2020-21	2019-20	2018-19	2017-18
79	3	0	3	4

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 5.3 Student Participation and Activities

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

**Response:** 42

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

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

2021-22	2020-21	2019-20	2018-19	2017-18
13	2	14	11	2

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

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

**Response:** 19.6

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

2021-22	2020-21	2019-20	2018-19	2017-18
18	17	17	23	23

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 5.4 Alumni Engagement

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

**Response:**

#### AIM of Alumni Association

The concept of Alumni association evolved for the needs of both ends, i.e. academicians and professionals, with the aim of building a bridge between college life and career life, so that the fresher graduates are made proactive to face the current challenges of the competitive professional world. Both ends work hand in hand to help each other for achieving the goal. The institution formed an Alumni association.

The College has established Alumni Association. The Alumni Association is registered under Societies Registration Act 1860.

Alumni Association meetings with Management and staff are periodically conducted in the college and at other important places including Pune. It functions effectively.

### **Mission**

- To re-unite in the alma mater from where students grew and flew off.
- To build a bridge between college life and career life, so as to introduce present students to the professional world and to make them proactive to face the challenges that may emerge in their career path.
- To provide job opportunities to fresher bachelors through references to enhance their skills.
- To conduct orientation and training programs for students on various topics.
- To create awareness among students about the scope of their subject in their professional world.

### **Objectives of the Alumni**

- To provide a Forum for members of the Society to interact.
- To achieve a high degree of belongingness with the College and the Society
- To foster a feeling of brotherhood and friendship amongst the members of the Society.
- To enroll the members from time to time and keep them abreast with the activities of the Society and the College.
- To provide adequate avenues for drawing upon the knowledge and expertise of the alumni for furthering the cause of the College to attain a good position and influence in the academic, social, and business world.
- To foster communication amongst the alumni and to promote relations through interactive meetings and get-togethers.
- To collect, publish and disseminate information that is relevant to all the members of the Society.
- To play a significant role in the placement of our students in reputed organizations.
- To encourage a spirit of loyalty, friendship, service, and benevolence among members of the Society.

The Alumni who have acquired high positions in several fields. Alumni motivate students and provide counseling to students for seeking career opportunities. Institute along with alumni discusses with other stakeholders on various matters and academic performance and the alumni feedback is obtained for improvement in quality. On the basis of feedback obtained from alumni, the college modifies and updates all the academic activities. The financial assistance is contributed to the welfare of students such as gifts for rank holder students and achievers. Initiatives have been taken recently by the Principal to attract Alumni to come forward to conduct campus interviews from corporate sectors, IT companies, and other organizations for providing job opportunities and placement of current students. In terms of money, Alumni contributed a sufficient amount of money to Institute Alumni Account.

Self Study Report of P. R POTE (PATIL) EDUCATION AND WELFARE TRUST'S GROUP OF INSTITUTIONS  
COLLEGE OF ENGINEERING AND MANAGEMENT

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## Criterion 6 - Governance, Leadership and Management

### 6.1 Institutional Vision and Leadership

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

**Response:**

The institution has a well-structured organization chart to achieve the Vision and Mission of the institution.

**Vision**

To flourish as a centre of excellence for producing the skilled technocrats and committed human beings.

**Mission**

<b>M1</b>	To create conducive environment for teaching & learning.	
<b>M2</b>	To impart quality education through demanding academic programs.	
<b>M3</b>	To enhance career opportunities by exposure to Industries & recent technologies.	
<b>M4</b>	To develop professionals with strong ethics and human values for the betterment of Society.	

**Quality Policy**

"We are committed to impart quality technical and management education as per needs and expectations of the students."

The Governing Body (GB) is the highest body in the hierarchy and is also the primary body in the decision-making and governance of the institution. This body is constituted of the Chairman and Vice Chairman of the society, Principal as Member Secretary, SGBAU nominee, Educationalist, Industrialist, faculty member, or any other management member as per AICTE guidelines. College Development Committee (CDC) is another body that involved all the above members along with the IQAC Coordinator. Strategic plan framing involves a bottom-up approach with all stakeholders participating and suggesting the necessary incorporations or amendments which has to be implemented as ensured by the CDC & GB.

The Governing Body ensures truly democratic, decentralized, and transparent governance with the involvement of all faculties, committees, finance department, controller of Exams, TPO, and Heads of various committees. The GB & CDC reviews the TLP, and quality measures and is prominent in making overall decisions for the growth of the organization. Meetings are held regularly to discuss all matters related to the development of faculty, students, and overall college progress. The GB & CDC timely monitor the quality initiatives and activities through Internal Quality Assurance Cell (IQAC). IQAC conducts audits, awareness programs, reviews of TLP, feedback analysis, student surveys, and Training



programs for faculty and staff periodically. The purchase committee of the college look into decisions of purchase, and upgradation of infrastructure.

Institute firmly believes in the growth and development of the institution achieved through good governance and participative management of all stakeholders and also maintains transparency and confidentiality. Good governance involves decentralization and delegating responsibilities to Deans, Heads of the Department, various committee members, and administrative staff. This ensures participatory management and active involvement of all staff members through various committees and statutory bodies. The Principal, Deans, and Heads of departments delegate responsibilities involving administrative and academic activities.

Decentralization is implemented through various committees, along with the involvement of stakeholders for framing guidelines, mission, vision, and Quality Policy. The performance of the institution, decision-making, and policies are instantiated by the GB members with the involvement of all stakeholders. The top-down approach of the governing body focuses on the development of the institution with the active involvement of stakeholders at all levels.

The institution also practices transparent governance by including minutes of meetings in the Institute website. The organization chart depicts the delegation of roles and responsibilities adhered to by every member of the hierarchy.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 6.2 Strategy Development and Deployment

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

### Response:

Institute has a well-defined hierarchy and organizational structure for effective decision-making and policy framing.

The Principal the head of the institution along with experts in prominent positions in the hierarchy are responsible for decision-making, and policy framing. The Principal, Dean, HoD along with faculty members are involved in reviewing the progress of the institution participative management is practiced by constituting various Committees involving faculty. The management has always welcomed the views and suggestions expressed by the faculties in taking the institution ahead. The institution has a number of Committees for decentralized management activities for smooth functioning and effective learning for the students. The presence of the faculty and student can be found in all the following Committees.

1. Governing Body Committee
2. College Development Committee (CDC)
3. Admission Committee
4. University & Sessional Examination Committee
5. IQAC Cell
6. Alumni Committee
7. Internal Complaint Committee (Women's Grievance Cell)
8. Grievance Redressal (Staff & Students)
9. SC/ST Committee (Reservation Cell)
10. Training & Placement Cell
11. NSS Committee
12. Sports & Gymkhana Committee
13. Cultural Committee
14. Industry Institute Interaction Cell
15. Entrepreneurship Development Cell
16. Incubation Centre
17. Anti-Ragging Committee
18. R&D Cell (Research Steering Committee)
19. Professional Development Cell (GATE/GRE/TOFEL/IES)
20. Canteen Committee
21. Library Committee
22. Program Assessment Committee
23. Professional Bodies committee (ISTE, IEEE, IET, IETE, CSI, ICJ, ASME, ASCE)
24. College Academic Council
25. Institute Website & Networking Committee
26. ICT Committee
27. Student Council Committee
28. College Magazine Committee
29. Purchase Committee
30. Maintenance Committee
31. Faculty Self-Appraisal Committee
32. Yoga/Spiritual Development Committee
33. Publicity - Social & Print media
34. Centre of Excellence

Service Rules, Recruitment procedures, **and** Promotion Policies are provided in the Service and Conduct Rule Book. Achievements of the staff are recognized with financial and nonfinancial incentives.

The Grievances of the staff are redressed timely to keep their motivation all time for their performance efficiency and satisfaction.

Institutional Strategic/perspective/development plans are prepared and approved by the GB and is adopted

to achieve the goals mentioned below. The goals and action plans are aligned with the Institute's Vision and Mission. College Academic Committee discusses and executes developmental issues and best practices that positively impact the teaching-learning process and corrective measures for performance improvement.

**Short-term goals: (2020-2024) (5 years)**

- To appoint quality Ph.D. faculty
- Quality assurance and endurance through Accreditation by ISO, NAAC, and NBA
- Academic excellence by achieving by 100% pass in the Examinations
- Encouraging student participation in co-curricular and extra-curricular activities.
- Honing the life skills of the students
- To conduct value-added courses for students on content beyond syllabus and Industry requirements.
- Arranging 100% placements for students
- Establishment of Intellectual property rights (IPR) Cell
- Organizing programs on Entrepreneurship development.

**Long-term goals: (2020-2030) (10 years)**

- To be an Autonomous Institute
- To attain the status of Centre of Excellence in Technical Education and Research
- To offer viable programs of relevance for the upliftment of rural students and the populace
- To develop a strong Research & Development Centre
- To develop an Innovation and Incubation center

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

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

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

**Response:** A. All of the above

File Description	Document
Upload supporting document	<a href="#">View Document</a>

## 6.3 Faculty Empowerment Strategies

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

#### Response:

Various welfare measures are provided for the teaching and non-teaching faculty to ensure their well-being and value their contribution towards the progress of the institution.

#### Teaching Staff:

- Providing training to teachers for excellence in upgrading their credentials and skill sets.
- Motivating Faculty for pursuing higher education.
- Sponsoring Faculty & staff for attending workshops, and conferences at the national level by granting academic leave and financial assistance.
- The salary is directly credited to the employee's bank account
- Faculty members are encouraged/ assisted to undertake professional body membership for active involvement
- Organizing FDPs periodically and regularly.
- Systematic organization of professional society activities.
- Duty leaves for attending University and Institute level assignments.
- Support in the development of teaching and non-teaching staff.
- Provident Fund, Group Insurance, and Gratuity for eligible Faculty.
- Medical facility is available to meet medical emergencies on campus.
- Medical leave for hospitalized staff members.
- Maternity leave benefits, Paternity leaves, and bereavement leave to faculty & staff.
- If the staff members meet with an accident, financial assistance is provided.
- Baby care center is available to meet the requirements of infants for working women.

#### Non-Teaching Staff:

- Festival advance as and when required.
- Group insurance is available.
- Crash Course in Computer Basics for the interested Supporting Staff.
- Casual Leaves are provided for all the Supporting Staff.

The self-appraisal form is filled by the individual staff members and is further forwarded to IQAC/HOD/Principal and management for evaluation. Assessing the performance is based on the following performance indicators: -

The aim of appraisal of faculty performance is to ensure that the program objectives are served best. The following methods are practiced in the college, among other informal ways:

#### 1. Course Monitoring

## 2. Student Feed Back

## 3. Annual Faculty Performance Appraisal

The institution organizes short-term training programs, and guest lectures, FDP's to strengthen the potential of staff which ultimately aids in strengthening the performance of every individual in the organization.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

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

**Response:** 48.95

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

2021-22	2020-21	2019-20	2018-19	2017-18
81	54	85	36	70

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

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

**Response:** 56.22

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

2021-22	2020-21	2019-20	2018-19	2017-18
123	121	129	89	103

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

2021-22	2020-21	2019-20	2018-19	2017-18
78	79	22	64	96

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 6.4 Financial Management and Resource Mobilization

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

#### Response:

The Institute has effective strategies to monitor the efficient utilization of financial resources. The financial budget pertaining to the functioning of the college is prepared in due consideration of the probable expenses incurred and incomes mobilized. The Institute ensures that expenses are incurred for the purpose of implementing institutional plans. Each Department prepares the budget based on the requirement such as equipment, computer as well as consumables required for the next academic session. The principal puts up the budget in Governing Body (GB) meeting for approval. Quotations are evaluated, compared, and discussed with suppliers and orders are placed. The payments are released after the delivery of the respective goods it is done as per the terms and conditions.

**Mobilization of funds and its optimal utilization:** Major income is obtained from tuition fees of students. Funds are optimally utilized in conducting -

- Professional development activities.
- Research/publication/staff welfare schemes.
- Maintenance of Campus infrastructures.
- Training programs/ Academic activities/ Annual fests
- Laboratory maintenance
- Purchase of licensed software
- Internet charges
- Laboratory Equipment & Laboratory Consumables

- Furniture & Fixtures
- Repair & maintenance
- Stationary & Printing

Adequate funds are allocated for quality initiative programs like workshops, STTPs/ FDPs/Orientation programs. Funds are allocated for the enhancement of the library facilities. Funds are properly utilized for the maintenance and development of the infrastructure.

The Institute has a mechanism for financial management for internal and external financial audits. The Institution conducts internal and external audits.

**Internal Audit** is carried out by the finance committee. The finance committee reviews the budget, statement of expenses is received by the Finance committee quarterly every year. The finance committee reviews the records quarterly and investigates and checks all the installments, receipts, diaries, vouchers of the exchanges, cash books, records, and all ledgers in each monetary year.

**External Audit:** A Chartered Accountant (CA) is appointed by the Institute for auditing college accounts. The GB reviews the budget proposals and audit reports and rectifies changes for auditing in the coming year. The CA vouched for the audit and submitted the final audit report. The proposals are made on different heads such as library expenses, laboratory equipment, building and infrastructure, salary payments, sports facilities, and other maintenance expenses. Auditors prepare the income and expenditure statement, Balance Sheet, and depreciation statements. The report of the external auditor of the last year along with the audited Balance Sheet and Income & Expenditure account is displayed on the college website for reference to stakeholders. After the duly approval, the financial accounts, and documents could be used for all statutory purposes. The accounts are finalized, and audited statements are prepared and signed by the Principal, and CA. At the beginning of each financial year, the proposed budget is prepared in accordance with the expenditure that is going to be incurred and approved by GB. Apart from the contingency expenditure, student fund revenue, and utilization, emphasis is given to the utilization of the development fund on infrastructure development. The receipts are very transparent and readily available in the public domain.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 6.5 Internal Quality Assurance System

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

**Response:**

The IQAC was started in the year 2015. An IQAC committee is engaged to take care of Quality assurance strategies and processes. IQAC has contributed significantly to continually improving the infrastructure, enhancing the faculty skills, and empowering the students with advanced technologies to make them employable and encourage entrepreneurship. Institute's policies on academic and administrative systems are in respect of the process of teaching-learning and evaluation system, academic performance, faculty recruitment, and training/qualification enhancement.

IQAC is guiding and contributing to the following quality assurance strategies and processes-

- Identify the processes needed
- Organisation of STTPs/FDPs/Guest Lectures/International conferences/Quality Assurance Seminars/IPR workshops/quality Journal publications.
- Ensuring the ICT integration/OBE in Teaching Learning Process
- Monitoring activity of Bridge courses/Industry based projects
- Ensure availability of requisite information and resources
- Suggest modifications to academic planning & Curriculum
- Conduction of Academic/Administrative Audits/Stakeholder/Student Satisfaction surveys
- Organisation of training programs for non-teaching staff.
- Guidance for submission of research grant proposals to various Govt and Non Govt agencies.
- Skill and Personality Development Centre (SPDC) for SC/ST students
- Activity related to accreditations, NIR/ ISO certifications, AQAR, and SSR submission.

IQAC is also responsible for-

- developing, coordinating, and monitoring academic assessment activities to effect improvement in student learning.
- Plan, monitor and control the academic functioning of all the Departments.
- Introduce innovation in Teaching, Learning, and Evaluation practices.
- Advised for internships/field visits/ Add-on/Value-added courses/technical training to enhance the employability skills

**Methodologies** –Dean(Academics)/ HOD provides a teaching-learning plan and academic calendar to the faculty member well before the commencement of the semester. The class coordinator periodically reports to the HOD about the syllabus coverage and classes engaged by the faculty. The course



schedules/plans/information/ materials are issued to the students. IQAC also ensures counseling is given to weak/bright students.

**Outcome** –IQAC ensures the attainment of learning outcomes for each course and program. IQAC reviews the implementation of teaching-learning reforms. Following initiative for ensuring attainment of learning outcomes as-

**(i) Course Files-** Course files of every course are used to bring objectivity and strategize the course of teaching and learning for every topic. Mapping of the COs is done with POs.

**ii) Evaluation-System** is based on OBE with a direct method which includes Internal theory and lab exams, indirect methods using various assessment tools, course exit survey, and stakeholders' feedback. The procedure of evaluation for OBE is as follows:

**1. Internal Examinations:** Two Test examinations and one Assignment are conducted for each subject. These are mapped to the defined COs as per Bloom's taxonomy levels.

**2. Lab Examinations:** These consists of internal performance, evaluation, and viva-voce.

**4. External Lab Examinations:** Lab performance and viva voce are performed under university-appointed External Examiners.

**5. University examinations:** Based on the university question paper, marks scored by the students are given to assess the attainment level of the course.

**6. Students' Feedback on Teaching-Learning Process:** It is collected after the completion of the course. A “continuous Improvement philosophy” is adopted. It significantly showcases the actual quality of the teaching-learning process.

IQAC conducts an academic review of all departments through audits.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

#### 6.5.2 Quality assurance initiatives of the institution include:

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
- 2.Collaborative quality initiatives with other institution(s)/ membership of international networks**
- 3.Participation in NIRF**
- 4.any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA, ISO Certification etc**

**Response:** A. All of the above

<b>File Description</b>	<b>Document</b>
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## Criterion 7 - Institutional Values and Best Practices

### 7.1 Institutional Values and Social Responsibilities

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

##### Response:

Institute aims to maintain gender equity and social equity. create awareness among students about the gender imbalance in society and professional arenas for reasons of safety and security through conducting sensitization campaigns, training programs, and workshops. Active Anti-Ragging and Grievance Cells are concerned about gender sensitivity. Institute is committed to nurturing a gender as per Vishakha Guidelines. It has formulated a policy on the Prevention, Prohibition, and Redressal of Sexual Harassment and discrimination. Institute encourages girls and boys to participate together in academic, cultural, sports, and social activities. Activities are organized to sensitize and promote gender equity among students and staff by the Women Empowerment cell.

##### Safety and Security:

- The safety and security of students across the gender spectrum are ensured through the guidelines mentioned in the Code of Discipline includes rules for the prevention of sexual harassment.
- Department has a complaint box for the student's grievances. Suggestions and grievances are timely redressed by the management. Students are instructed to follow safety norms while doing experiments in Labs. Fire Extinguishers are placed in prominent locations.
- Institute has provided a free bus facility to students. For industrial visits, excursions, and study tours, both genders of faculty members accompany the students. Parents' permission is sought in case a girl student participates in outside activities.
- College premises and corridors are under CCTV surveillance to ensure the effective safety of the students. Internet facility for students with firewall and antivirus software. Well-trained security guards are deployed at key locations.
- Mentors counsel allocated mentees in their academic and personal problems to create a fearless environment. Opportunities are given to interact with successful women entrepreneurs and leaders. Interpersonal skill development and stress management programs are conducted with doctors and specialists.
- Common rooms are available for girls. The first aid boxes are kept for emergencies. A doctor is available during college hours to attend to the student's health problems.

Commemorating days, events, and festivals of national importance are celebrated on the campus to educate students about the history, traditions, and practices of our nation in engaging and participatory ways. The Institute celebrates Independence Day by commemorating the sacrifice of our freedom fighters and leaders. Cultural programs are conducted based on Indian Cultural. Republic Day is celebrated. Organizes events on national festivals like National Science Day, Dusheera, and Ganesh Chaturthi. Anniversaries of great

Indian personalities like National science day to commemorate India's great physicist Sir C. V. Raman, Teacher's Day to commemorate the birth anniversary of Dr. Sarvapalli Radha Krishnan, Engineer's Day to commemorate the birth anniversary of Sir M. Visvesvaraya, the birth anniversary of Mahatma Gandhi, Dr. B. R. Ambedkar, etc. This year Maharashtra and Vidarbha Freedom Fighter Exhibition Gallery on the occasion of Bharat ka Amrut Mahotsav, Har Ghar Tiranga are celebrated. International Women's Day to empower Women with a motivational talk on self-confidence, decision-making, and their right and others.

*Gajanan Maharaj Prakat Din* is celebrated wholeheartedly on campus to pay tribute to Shri Sant Gajanan Maharaj on which our Institute's values are based.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

#### 7.1.2 The Institution has facilities and initiatives for

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

**Response:** A. 4 or All of the above

File Description	Document
Upload supporting document	<a href="#">View Document</a>

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

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

**Response:** A. All of the above

File Description	Document
Upload supporting document	<a href="#">View Document</a>

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

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

**Response:**

The Institute endeavors towards maintaining an inclusive atmosphere and strive towards academic excellence, promoting societal, cultural, linguistic, and regional consciousness and other diversities amongst students through the following activities-

- **Cultural Diversity:** Institute has established a conducive environment for the student's behavior and personality development. Students participate in various cultural activities and competitions in order to acquaint themselves with diverse cultures.
- **Regional Diversity initiatives:** Institute facilitates the celebration of regional cultural festivals in order to emphasize the importance of understanding and respecting different cultures through the Annual fest "Unmesh"
- **Linguistic Diversity Initiatives:** It is initiated through spoken English classes for students with poor language skills, and soft skill training for students who speak vernacular languages. Students and staff of different religions and castes work with complete communal harmony. Students from a low socio-economic spectrum are given fee concessions. An induction program for newly admitted students is conducted every year to orient them about various facilities, activities, and support provided by Institute. For divyang students, Institute provides barrier-free facilities and assigns staff for assistance, and provides scribes during the examination. Blood donation camps are regularly organized by NSS where students are educated about the importance of blood donation in terms of health, humanity, and social responsibility. International women's day is celebrated to applaud their achievements and appreciate their contribution and commitment to the betterment of society. Skill & Personality Development Programs organized for SC/ST students under the AICTE scheme. This center conducted classes for such students free of cost on Soft and Communication Skills.

Institute recognizes Human Values, rights, duties, and responsibilities of the citizens are the perennial streams that alone can stipulate sustenance for nurturing societal values, and moral conduct and creating awareness among the youth and professionals. Institute is working with the aim to mold them as responsible and dutiful citizens of the country. So, the institute is imparting professional education by inculcating a feeling of oneness and patriotism among the student community through the following practices and programs-

- Everyday Prayer of Sant Tukdoji Maharaj is sung by both staff and students. Workshops on Ethics & Human values, CBCS & National Education Policy are organized in association with Ramakrishna Math and Affiliating university.
- Institute is committed to educating the students as constitutionally aware citizens, sensitized to their Fundamental Rights and Duties. Programs and activities are organized in both departments and student forums. Institute has an active NSS unit where students proactively engage in community service programs.
- National Unity Day and Swacchh Bharat Abhiyan are celebrated by the institute. Eminent persons' addresses to staff and students in 'Techelons' regularly highlight the salience of national unity and social harmony.
- Institute has conducted programs like Swach Bharat Abhiyan, Atma-Nirbhar Abhiyan, Azadi ka Mahostav, Constitution Day, and World Environment Day. Institute encourages students to

participate enthusiastically and proactively in all these activities.

- Faculty participated in AICTE's "Universal Human Value Program (UHV)". Also conducted UHV programs in the first-year Induction program.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 7.2 Best Practices

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

**Response:**

**Practice I:**

**Title of Practice: Offer Letter Distribution.**

#### Objectives of the Practice

- To create a common platform, where placed students and current students come together to highlight their experiences and discuss possible opportunities, and update themselves for all-around development.
- To feel blessed about thyself about own strengths and weaknesses

**The Context:**

An offer letter represents the final gate in your recruiting process and is the legal document that defines the employment relationship between your company and the candidate. For those reasons, it's critical to get offer letters right.

**The Practice:**

There is always a choice you have to make in life in the right direction, be it personally or professionally. This unique practice of presenting offer letters to students who had to cross many hurdles to reach the point of getting selected was a great step on the part of the students and the faculty of T&P, PRPCEM and more so, the faculty of PRPCEM in helping emerging professionals understand the skills and behaviors required to succeed at the workplace

**Evidence of success**

Every year a maximum number of students get placed and the percentage of placement is getting improved to a large extent. This shows that the offer letter distribution ceremony motivates the junior students to

upgrade and prepare themselves for upcoming campus drives.

### **Problems encountered & Resources required**

Of course, a lot of pain is been taken by the T&P, and to call the companies and the T&P officers to attend the HRs and the officers of the companies on their visit to institutes and the Departmental T&P Coordinators to manage the students during the campus. Finding the resources as per the requirement of the company is also a difficult task.

### **Practice II:**

**Title of Practice: Prayer- an earnest hope or wish.**

#### **1. Objectives of the Practice**

- To develop professionals with strong ethics and human values for the betterment of society which is one of the missions of the institute.
- To realize that there is a new power that enables students to live victoriously and witness convincingly the power of the good.
- To enable students to develop a positive attitude and find proper direction in academics and social life.
- To help students in healing and imbibe courage or wisdom.

### **The Context:**

In addition to that, morning prayers build a meditative, reflective spirit, which further helps one to calm one's mind. This further improves one's concentration, which is extremely necessary for both teachers and students to get on with the day.

### **The Practice:**

The day starts with the prayer written by "RastraSant Tukdoji Maharaj" which is preyed on by Students, Teachers, and Staff. The prayer is run on the speaker and each one from the institute stands up to attend the prayer outside their respective cabins and classes. Also, all the classes conduct the prayer in front of "Sant Gajanan Maharaj" the divine spirit and inspiration of the institute, every Thursday in turn and perform the activity faithfully. The gist of the prayer is "While explaining the concept of community prayer, Maharaj says, community prayer is a humanistic way for everyone to unite and present their ideas to the Almighty God. An excellent exercise to gain mental strength and peace! This is an exercise in hyper-vigilance more than the physical exercises accepted by ordinary physics. That physical exercise is only to be shown outwardly, but the exercise of community prayer is to be done keeping the inner and outer very clean and

upright.” After the prayer is over actual academic and administrative work starts. Along with the prayer, every year institute celebrates the Pragat Din and Rishi Panchami Celebration of “Shri Sant Gajanan Maharaj” in the campus since its inception. The celebration involves Stotra Pathan, Maha-Arti followed by Maha-prasad on the college premises itself.

### Evidence of success

The words of wisdom that is practiced during the morning assembly promote the spiritual well-being of each individual. One comes to terms with the fact that all religions teach the same thing and that no religion is greater than the other. Confessing to sin and asking for God's mercy and forgiveness and thanking for his blessings. Students and staff get highly motivated to work with positive energy, imbibe ethical practices and attend to moral values in their day-to-day life. Placement companies expect the students to have technical knowledge along with such ethical values and hence get highly influenced to recruit them. This activity promotes good human beings in society.

### Problems encountered & Resources required

No problem arises as it gives a divine experience and the whole day is spiritually charged. It's not easy to handle the students of today's age and make them compulsory to attend the prayer and stand for those 5 mins but it was not part of religion hence all the students of any caste, tribe, or religion stands and pray their almighty together to earn mind goals. All Resources required to conduct this practice are well fulfilled by the institute.

File Description	Document
Any other relevant information	<a href="#">View Document</a>
Best practices as hosted on the Institutional website	<a href="#">View Document</a>

## 7.3 Institutional Distinctiveness

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

#### Response:

P. R. Pote (Patil) College of Engineering & Management is one of the premier institutes in the Vidharbha region of Maharashtra. The Vision and Mission statement clearly defines the college's distinctive characteristic in terms of addressing the needs of society, the institute's tradition & value orientations.



The vision of the institute is to become to flourish as a center of excellence for producing skilled technocrats and committed human beings. The institute aims to achieve this by creating a conducive environment for teaching & learning, imparting quality education through demanding academic programs, enhancing career opportunities by exposure to Industries & recent technologies, and developing professionals with strong ethics and human values for the betterment of society.

Institute strengths in curricular, co-curricular, and extra-curricular areas have improved the quality of education. The attributes like more than 60% graduation rate, more than 70% placement for eligible graduating students, and 10% of students opting for higher education reflect the existence of high-quality programs.

**The basic distinction is made with the following:**

- Institute provides training to the students through an internship program to bridge the gap between industry and institution
- ICT-enabled classes are more interactive.
- Parents meet
- Students acquire socially responsible by participating in various programs conducted in nearby villages.
- Green campus initiatives are implemented keeping in mind the holistic perspective of land use, social well-being, and preservation of the environment.
- Institute adopts Outcome Based Education to enable students to understand subjects. To execute this, various programs such as workshops, STTPs, and guest lectures are conducted.
- Institute initiates National Education Policy awareness through workshops, STTPs, and guest lectures.

Some of the innovations and best practices that have created a positive impact on the functioning of the institution are:

- Encourage students and faculty to involve in research activities.
- Book bank facility for SC & ST and other needy students.
- Makeup/Remedial classes for weak learners. Provision of additional facilities for bright students (like fee concessions, free International Industrial Tour, etc.)
- decentralization of academic administration, well-thought student counseling (mentorship) program.
- The institute provides freeship (Fee Scholarships, Free Transportation, Free Library Books Facility & Exemption from Examination Fees) to encourage economically backward and meritorious students.

**Enriched Faculty and Infrastructure:**

Institute has qualified, experienced faculty who monitor students as guides, mentors, and facilitators. Faculty training programs through refresher programs, STTPs, and FDPs help our faculty to build global competencies in the learners.

**Enrichment of Technical Skill set:**

Various Bridge Courses and Value-Added Courses are offered to make the learner industry competent as well as their lifelong learning. Problem Based Learning helps build critical thinking and problem-solving

abilities among students as learners. To facilitate experiential learning, students are encouraged to take up Internships and industry visits. To inculcate the spirit of learning, students are encouraged to participate in the various events organized in the Institution and outside Institution.

### **Emphasis on Soft Skill Set:**

To develop public speaking skills, and teamwork and to build confidence, soft skill training is provided through collaboration with internal and external agencies. PRPCEM's Language Lab reinforces English proficiency among learners from vernacular backgrounds. Preplacement training is offered to all students. To assess their employability, online examinations are conducted for all the students.

### **Motivating Mindset:**

Fostering the proper attitude among learners plays a vital role in shaping young minds to develop the right attitude. Learners are exposed to a plethora of guest lectures by industry experts, eminent academicians, and well-established alumni. Motivating talks by eminent personalities help promote a global outreach and enrich young minds. Industrial visits are organized for learners to bridge the gap between the curriculum and industry.

To build a healthy competitive spirit and maintain physical fitness, learners are encouraged to participate in Indoor and outdoor sports. Institute organized a free Industrial tour to foreign countries for the topper students from each class. Students are encouraged to identify projects that use technology to benefit society. Many such projects (for instance Smart Home Automation, Smart Agriculture, Waste management by IoT, etc.) have been featured in national dailies.

### **Performance of the Institute:**

**Placements:** The Institute trust in equipping all students with the right talent and personality to face the industry requirements. The focus is on placement, and on creating new approaches to attract the best from the industry to our campus.

The Training & Placement Cell is well equipped with ample infrastructure in terms of Seminar Hall, Meeting Hall for Pre-Placement Talk, Presentations, etc. The Cell maintains a comprehensive database ready for reference of placement drives. The placement cell operates around the year to facilitate contact between companies and graduates. Also plays a key role in guiding the students at the college for their successful career placement resulting in increased placements in various prestigious companies over the years.

### **Ethical Values and Integrity**

The Institute celebrates all national importance days to inculcate the importance of moral values and significance. The Institute encourages to imbibe of ethical values amongst students and every year in an annual event named "Techelons" invited top spiritual leaders across the nation to interact with students. Under 'Unmesh' - A cultural feast, students showcase national integrity and harmony.

### **Social Responsibility**

The Institute greatly appreciates its social responsibility and promotes student engagement, contributing to

good citizenship, service orientation and holistic development of students through a large number of youth development activities which are undertaken by NSS. It periodically arranges Blood donation camp, free Medical Checkup camps, tree plantatplantationsraffic Awareness. Awareness of recent technology to school children in nearby villages.

#### Achievements:

- The institute is accredited by NAAC with an “A” grade.
- Increased student placements in the Vidarbha region of Maharashtra.
- Institute is also certified by ISO 9001:2015, ISO 14001: 2015 and ISO 21001:2018.
- Received Best College of the Year Award-2020-21 for quality education, The Best Infrastructure Amongst Private Colleges 2020-21, Most promising and trusted Engineering and Management College of the Year 2022-Quality education & placements, Best ISTE Student Chapter-Maharashtra Goa Section.
- Received funds from UGC, AICTE, and other organizations towards research and skills development.

The institute has Active professional bodies and student chapters like ISTE, CSI, IEEE, and SAE.

File Description	Document
Appropriate web in the Institutional website	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

## 5. CONCLUSION

---

### Additional Information :

The Institute strives to bring out and nurture the talents and skills of youths with Quality Technical Education, motivate them to be self-disciplined, and develop their competence to face the challenges of globalization. The endeavors are made

- To provide value-based education.
- To produce Industry-ready Professionals through training in Soft-Skills and Personality development.
- Undertaking networking with Industry, Academic, and Research Institutions
- To provide adequate and furnished infrastructure for academic and research activities.
- To organize national level Seminars/Conferences.
- To promote Creativity and Innovation among students.
- To conduct a Career -Vision program to facilitate the right career choice by students.
- To encourage Entrepreneurship among students.
- To motivate the students to participate in Co-curricular and Extra-curricular activities.
- To train teachers in modern instructional methodologies to improve their teaching skills.
- To motivate the faculty to publish papers in National/International Conferences and Journals.
- To build relationships with Parents and Teachers to excel students' performance
- To develop and promote Green Environment.
- To provide a quality environment and services to all Stakeholders.
- To teach and follow Ethical, environmentally responsible Engineering practices.
- To attend to issues of national relevance.
- To respond to the changes in both technology and applications.
- To provide systems, resources, and opportunities for continuous improvement.

### Concluding Remarks :

Institute has well framed vision and mission, considering the needs of the society. Best academics, infrastructure, laboratories, industry-interaction, self-learning and co-curricular and extra-curricular activities are some of the special features which cater to the comprehensive development of the students. The governance comprises of Governing Body, College Development Committee, Departmental Advisory Board, Internal Quality Assurance Cell, Academic Monitoring Committee and various institute level committees. These all play significant role in the evolutionary reforms towards positioning the Institute in the preferred list of all stakeholders.

The Institute believes in promoting a culture of delegation of powers through strategic policies. The Principal of Institute is assisted by Vice- Principals, Deans, HODs, Administrative Head, Sections in-charge and coordinators of various committees in decision making process at the Institute.

Institute executes strategic planning from time to time for producing quality engineers and managers and overall growth of the institute has well established organizational structure to execute smooth functioning of administrative and academic processes. The Institute has deployed e-governance in all the areas of academic processes to ensure better academic planning and monitoring.



## 6.ANNEXURE

### 1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																																												
1.3.2	<b>Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)</b>  <b>1.3.2.1. Number of students undertaking project work/field work / internships</b> Answer before DVV Verification : 2005 Answer after DVV Verification: 1860  Remark : Edited as per data provided																																												
2.1.1	<b>Enrolment percentage</b>  <b>2.1.1.1. Number of students admitted year wise during last five years</b> Answer before DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>660</td><td>523</td><td>349</td><td>433</td><td>564</td></tr></table>  Answer After DVV Verification : <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>596</td><td>512</td><td>348</td><td>433</td><td>564</td></tr></table> <b>2.1.1.2. Number of sanctioned seats year wise during last five years</b> Answer before DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>648</td><td>648</td><td>708</td><td>708</td><td>822</td></tr></table>  Answer After DVV Verification : <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>648</td><td>648</td><td>708</td><td>708</td><td>708</td></tr></table>  Remark : Edited as per clarification					2021-22	2020-21	2019-20	2018-19	2017-18	660	523	349	433	564	2021-22	2020-21	2019-20	2018-19	2017-18	596	512	348	433	564	2021-22	2020-21	2019-20	2018-19	2017-18	648	648	708	708	822	2021-22	2020-21	2019-20	2018-19	2017-18	648	648	708	708	708
2021-22	2020-21	2019-20	2018-19	2017-18																																									
660	523	349	433	564																																									
2021-22	2020-21	2019-20	2018-19	2017-18																																									
596	512	348	433	564																																									
2021-22	2020-21	2019-20	2018-19	2017-18																																									
648	648	708	708	822																																									
2021-22	2020-21	2019-20	2018-19	2017-18																																									
648	648	708	708	708																																									
2.6.2	<b>Pass percentage of Students during last five years</b>  <b>2.6.2.1. Number of final year students who passed the university examination year wise during the last five years</b> Answer before DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>609</td><td>681</td><td>581</td><td>504</td><td>551</td></tr></table>					2021-22	2020-21	2019-20	2018-19	2017-18	609	681	581	504	551																														
2021-22	2020-21	2019-20	2018-19	2017-18																																									
609	681	581	504	551																																									

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
609	681	581	504	591

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
777	697	639	597	693

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
777	697	639	597	693

Remark : Edited as per clarification

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

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
59	75	123	13	17

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
57	74	05	12	13

Remark : Given clarification links are not working. Withought ISBN number books will not be considered, edited with the help of data template.

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

Answer before DVV Verification :

Answer After DVV Verification :47

Remark : Input is edited as per supporting documents from clarification.

**5.3.2 Average number of sports and cultural programs in which students of the Institution**

participated during last five years (organised by the institution/other institutions)

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
36	18	31	25	43

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
18	17	17	23	23

Remark : Edited as per clarification

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

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
116	120	121	101	103

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
123	121	129	89	103

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
78	79	22	62	110

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
78	79	22	64	96

Remark : Edited as per clarification



## 2.Extended Profile Deviations

ID	Extended Questions				
1.1	<b>Expenditure excluding salary component year wise during the last five years (INR in lakhs)</b>				
Answer before DVV Verification:					
2021-22	2020-21	2019-20	2018-19	2017-18	
304.72	257.43	194.34	127.76	160.92	
Answer After DVV Verification:					
2021-22	2020-21	2019-20	2018-19	2017-18	
184.13	83.64	223.29	173.66	100.21	