



YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	PRIYADARSHINI J.L. COLLEGE OF ENGINEERING
• Name of the Head of the institution	Dr. A.M.Shende
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	07122712490
• Mobile No:	9822362306
• Registered e-mail	principaljlcce@gmail.com
• Alternate e-mail	abhayshende3@gmail.com
• Address	846,New Nandanvan
• City/Town	Nagpur
• State/UT	Maharashtra
• Pin Code	440009
2.Institutional status	
• Type of Institution	Co-education
• Location	Urban
• Financial Status	Self-financing

• Name of the Affiliating University	Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur				
• Name of the IQAC Coordinator	Dr. A. D. Kadam				
• Phone No.	07122712490				
• Alternate phone No.	9423456636				
• Mobile	9423456636				
• IQAC e-mail address	anjalikadam.d@gmail.com				
• Alternate e-mail address	anjalikadam@rediffmail.cm				
3. Website address (Web link of the AQAR (Previous Academic Year))	https://pjlce.edu.in/igac-AQAR				
4. Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://pjlce.edu.in/igac-Academic-Calendar				
5. Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.04	2017	27/11/2017	26/11/2022
6. Date of Establishment of IQAC			13/06/2016		
7. Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
Nil	Nil	Nil	Nil	Nil	
8. Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of IQAC			View File		
9. No. of IQAC meetings held during the year			3		

<ul style="list-style-type: none"> • Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> • If No, please upload the minutes of the meeting(s) and Action Taken Report 	View File	
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> • If yes, mention the amount 		
11. Significant contributions made by IQAC during the current year (maximum five bullets)		
<p>Institute received NAAC Accreditation for Five years with Grade A. Generally, IQAC meeting conducted four times in the year and action plan was presented in the IQAC meeting. A series of review meetings were also organized for the teaching and non-teaching staff. Due to pandemic this session three meetings were conducted. Institute has been certified with ISO : 9001- 2015. Feedback from the students, teachers and stakeholders are collected, analysed and action taken. An Academic and administrative audit was carried out by the external experts in all the departments to take stock of the quality delivery of inputs. Green Audit, Energy Audit, Environmental Audit was also carried out.</p>		
<p>Created Research Climate in the Institution. Students and faculty were trained through Seminar and Conferences. IQAC motivated research publication. Faculty members are encouraged to pursue doctoral research. Encouraged R&D and Consultancy activities. Faculty members were made aware about Intellectual Property Rights through conferences and workshops. Students are motivated for Industry sponsored projects. Students were motivated to participate in the initiative by Govt. of India Smart India Hackathon. Encouraging Students for Industrial visits to understand and to gain the knowledge of practically implemented concepts. A step taken to receive grants for STTP from AICTE by sending proposals for the faculty training and research activities. MOUs were signed up with reputed organizations and industries. Linkages developed with National, academic/research bodies</p>		
<p>Inclusion of activity based learning with Scope for achieving higher order thinking in students. Up-gradation of lab Equipment to meet</p>		

the advanced technology across the Departments. Improved ICT facilities for students. Improvements in the library services

Initiative towards faculty development programme and Student 360 degree development-Departments were notified to conduct Add-on-courses, value added courses, VET programmes. Orientation programme, Capability Enhancement programmes, Extention/outreach activities conducted. Encouragement is given to Students to participate in different events like Sports / NSS activities. Activities for promotion of universal values, Gender-equity programmes, Various Seminar, Workshops and expert talks were organized. Faculty members are encouraged to attend training programmes .In house training for skill up-gradation of non teaching staff was organized.

Interaction with industries for carrying the activities of Career planning, Guidance, training and placement activities. Soft skill training provided by Institute. Collaboration with industries for better learning and knowledge update of both the students and faculty members for placement of students in core sector with good salary packages.

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

Plan of Action	Achievements/Outcomes
<p style="text-align: center;">Digitization</p>	<p style="text-align: center;">MIS modules, Mobile App by Library, Online MCQ for Students, All the departments are equipped with e-resources i.e. Wall mounted LCDs projectors, Laptop, Increase ICT content in teaching learning & other areas at Institutional functions, Teaching methods like Virtual classroom, Simulation teaching, NPTEL, SWAYAM courses etc.</p>
<p style="text-align: center;">Development Programs</p>	<p style="text-align: center;">Capability Enhancement Program, Activity based learning, Value Added Courses, Bridge courses, Workshops, Various Field and Industrial visits (online), Guest lectures, Professional Development Programmes organised and attended also Extension/Outreach Activity, Best practices implemented</p>
<p style="text-align: center;">Minimizing Environment degradation</p>	<p style="text-align: center;">Solar energy, Sensor-based energy conservation, Use of LED bulbs/ power efficient equipment, Decrease use of paper & Plastic Sustainable mechanism for solid waste disposal Efforts for Carbon Neutrality E-waste Management disposal, Rain water harvesting project, Restricted entry of automobiles, Use of Bicycles/ Battery powered vehicles, Pedestrian Friendly pathways, Ban on use of Plastic, landscaping with trees and plants, Policy document on the green campus, Green audit, Energy audit, Environment audit, Beyond the campus environmental promotional activities Disabled-friendly, barrier free environment</p>

Participation from stake holders	Feedback as well as support in organising various activities, Alumni Meet- Interaction by Principal & Heads of Department, Strengthen Alumni association & increase Alumni-student interaction, Alumni Contributed support
Fulfilling Social Responsibility	Gender Equity Programmes, code of conduct handbook for stakeholders, Human Values and Professional Ethics programmes, promotion of universal values , Celebrates and international commemorative days, events and festivals
Knowledge Club	Presentation and Discussion on Published Research Paper, Paper publication & collaborations were encouraged
Quality Education	NAAC 'A' Grade, ISO Certification, Excellent Result in University Examination, Identification and Remedial classes for slow Learners & Advanced Learner, Interaction with Heads and faculties of each and every department for Maintaining and sustaining quality education as directed by IQAC
Curriculum Enrichment and Linkages	Activity Based learning initiated, Strengthen collaboration with Industry & Research Institute, MoUs signed and activities conducted
13. Whether the AQAR was placed before statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	

Name	Date of meeting(s)
College development committee	14/06/2021

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2020-21	29/01/2022

Extended Profile**1. Programme**

1.1	86
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2. Student

2.1	880
Number of students during the year	

File Description	Documents
Data Template	View File

2.2	734
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	287
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic	
3.1 Number of full time teachers during the year	60
File Description	Documents
Data Template	View File
3.2 Number of Sanctioned posts during the year	48
File Description	Documents
Data Template	View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	18
4.2 Total expenditure excluding salary during the year (INR in lakhs)	4.8
4.3 Total number of computers on campus for academic purposes	460
Part B	
CURRICULAR ASPECTS	
1.1 - Curricular Planning and Implementation	
1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process	
<p>The curriculum of every program is meticulously crafted to address the specific issues like enhancing the skills, employability, leadership qualities, decision making calibre and problem solving attitude. Course of action is taken for continual improvement.</p> <p>Curriculum delivery Planning and Implementation</p> <ul style="list-style-type: none"> Academic Calendar-The institute is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University and follows the curriculum 	

prescribed by the university. The Academic Calendar is finalized in alignment with the University calendar. The institute academic calendar is communicated to every department and each department prepare their own academic calendar along with other activities like seminars, industrial visits, guest lectures, workshops and faculty development programs

- Academic Policy-Before the start of every academic session, Principal conducts meeting with Deans, Heads of all the Departments, and finalize Academic Policy.
- Teaching Load Distribution-The teaching load (theory and practical) is appropriately allotted among the faculty members. Distribution of subjects is according to the choices given by the faculty and as per the requirement of the department.
- Time Table-Time table is prepared as per the teaching scheme of RTM Nagpur University and departmental requirement.
- Teaching Learning Process-Each department has its own Vision and Mission which matches with the Institutional Vision and Mission. PEOs, POs, PSOs and COs are defined for each program.
- Preparation for Course Delivery-Teaching Plans (Theory & Practical) and Tutorial Plans are prepared by the subject teachers before the start of every semester. Lesson plan is prepared by the subject teacher prior to the delivery of lecture. To keep students aware about recent trends in technology, contents beyond syllabus are added in the teaching plan
- Course files are prepared by all faculty members which include Syllabus, Program Outcomes, Program specific outcomes and Course Outcomes, CO-PO(s), CO-PSO(s) Mapping & Attainment, Teaching Plan , Tutorial Plan, Tutorial Sheets, Academic calendar, Class Assessment Tests (CAT) question Bank, Assignment Questions, University Question Papers & model solution, CAT & Sessional examination question papers, etc.
- The mentoring scheme is implemented to interact with the students to solve their problems and help those regarding educational, health and other issues.
- To complement the conventional teaching methods, the departments emphasize on practices such as Expert lectures, Video lectures of expert from IITs and NPTEL lectures, The use of ICT tools, Visit to industry for practical exposure, Conferences, Workshops, seminars

and Capability enhancement programmes are organized, Study groups for courses are formed for peer-to-peer learning, Group discussion/Technical quiz/Surprise test. Students are encouraged to carry out the industrial based projects and Industrial visits are arranged to see practical application of engineering. The students are orientated towards workshops, certification courses, add on programs, and value added programs, internship to fill the gap between industry and academics. For effective implementation of curriculum, various methods like video lectures, Massive Open Online Courses (MOOC), experiments on virtual lab etc. are incorporated in the course delivery method. For the preparation of GATE, classes are conducted.

Action plan for ensuring effective curriculum delivery-

- Effective implementation of curriculum is periodically done by departmental and central academic committee.
- The continuous academic monitoring is done through academic review which is taken every fortnightly. Dean Academics after reviewing the Academic report, communicates the discrepancies if found to Head of the department. HOD takes necessary action for the improvement. Principal conducts meetings once in a week with Heads of various departments to discuss their action plans for effective implementation of curriculum.
- Academic Audit is conducted at department and Institute level to verify the content of course file, Evaluation Process and Laboratory Conduction.
- Academic feedback is taken from the student on the basis of various parameters to improve teaching learning process. Feedback is communicated to the concern faculty for necessary corrective measures. Student Satisfaction survey is also conducted as per NAAC guidelines.
- Remedial classes are conducted for academically slow learners and classes for advanced learners also.
- Continuous Assessment Tests are conducted and result analysis reports are generated to monitor the performance of the students. Performance of the students is communicated to the parents. Student-Teacher-Parent communication throughout session through mentoring scheme.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	Nil

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

The institute is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University and follows the curriculum prescribed by the university. The Academic Calendar is finalized in alignment with the University calendar for odd and even semester separately. Due care has been taken that planned academic calendar should cover teaching days as per prescribed by university.

Academic calendar is prepared by Principal in consultation with HoD(s) .In the beginning of the academic session the students will be apprised of academic calendar and same is uploaded on college website and displayed on notice boards and at strategic locations. Only head of the institution has exclusive right to incorporate minor changes in academic calendar which he may deem fit considering the unforeseen circumstances. The Schedule of all Examinations is given in academic calendar. The course teachers announce the syllabus and display question bank for CAT I ,CAT II, Assignment I and Assignment II as per the academic calendar. Assignments are submitted by students as per the dates given in academic Calendar. The slots of the CAT I, CAT II, Assignment I, Assignment II and sessional exam are mentioned in the academic calendar. Examination schedule of these exams is announced and displayed in advance. Display of marks is also as per the schedule given in academic calendar. first term vacation, non-instructional days for recreation/ extracurricular/ sports activity, etc. are also mentioned on academic calendar. Preparation leaves for examination also mentioned on academic calendar.

File Description	Documents
Upload relevant supporting documents	No File Uploaded
Link for Additional information	https://pjlce.edu.in/igac-Academic-Calendar

<p>1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University</p>	<p>A. All of the above</p>
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File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

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

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

5

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

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

1559

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

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

1559

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

1559

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

PJLCE is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University and adheres to the syllabus prescribed by the university. The University has adopted subjects that assist in inculcation of moral, social, industrial and professional ethics in the students. At the onset of engineering career i.e. at the first year level, students teach Communication Skills in I semester and Ethical Science in the II semester. These subjects impart confidence to the student to communicate, speak in public and also imbibe ethical values in them that include legal ethics, professional ethics, moral behaviour, psychological behaviour and also impart knowledge related to our Indian Constitution and Fundamental Rights. Apart from this, the syllabus also includes Communicative English and Technical Writing in V semester Civil Engineering and Functional English in VI semester of Electrical, Computer Science, which caters to the enhancement of communication skills and impart oral and writing skills to the students. Along with the improvement in communication

skills, the syllabus also covers environmental consciousness in the form of Environmental Studies, which is compulsory subject for all the students under RTMNU at III and IV semesters. Environmental Engineering is another subject taught in V semester Civil engineering and Green Chemistry is included in the syllabus of I semester Engineering Chemistry. This adds to their knowledge about environment, the pollution, how to deal with it and how to reduce pollution for better tomorrow. The syllabus also incorporates subjects like Social and Ethical Aspects of Information Technology at III semester Computer Science, Industrial Economics and Entrepreneurship Development in V semester Electrical, and Electronics & Telecommunication Engineering. Industrial case study is taken up at the VII semester of Civil Engineering .All these subjects at various levels of engineering from semester I to VIII, reveal that the University and the college is committed in imparting quality education that not only includes the subject wise syllabus, but also gives due credit to imbibe ethical values and provide an insight into the environmental aspects and communication development of the students.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

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

08

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	View File
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

1.3.3 - Number of students undertaking project work/field work/ internships

527

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
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File Description	Documents
Upload any additional information	View File
URL for feedback report	https://pjlce.edu.in/igac_links

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

300

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

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

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

607

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

At PJLCE, we believe in outcome-based learning processes, where we identify students as slow learners and advanced learners based on the prerequisite tests, class interaction, test performances. We at

the institute, give emphasis on improving the performance of slow learners by providing remedial programmes which are conducted outside regular classes. Specifically, for difficult to understand subjects, extra classes are taken for students who have failed in the exam where the faculty spares time to sit with those students individually to cope up with the subject. Through a mentor-mentee system also all kinds of support are provided to the slow learners. The strenuous efforts taken by the faculty towards the slow learners has resulted in students' understanding in their chosen domain, improved results and pass percentage. The mentor also identifies other skills and strengths and encourages them to hone them which helps build self-confidence resulting in improvement in academic performance also. The mentor takes extra effort to understand the socio-economic backgrounds also which is sometimes a reason for poor performance. All necessary emotional and professional counselling is also provided whenever required. The mentor also connects the weak learners for the subject teachers with whom they are comfortable for extra support. The Institute ensures that a slow learner clears all his courses within stipulated four years of Engineering and also provides extra attention to build additional skills which makes them employable. Parents of students are informed in case of poor academic performance and psycho-social problems whenever necessary. Advanced learners are given opportunities to be part of innovative projects and other technical initiatives of the institute. The toppers of each class are appointed as Class Representatives and Heads of Departments Nominee for the department who are part of students' forum so as to give a chance to develop their communication, leadership & team building skills. They are also given an opportunity to be office bearers of student forum and various professional bodies and lead professional activities at University and National Levels. This initiative teaches them to strike a perfect balance between academics and extra & co-curricular activities which goes a long way in achieving success in their professional career. They are given the opportunity to participate in Hackathons, Paper Presentations, Project Competitions and participate in Summer Projects and Internships. They also help slow learners through peer learning. We also encourage advanced learners to conduct workshops and seminars to share their knowledge. They are also part of the institute's social responsibility where they support the faculty members by teaching and providing skills to the underprivileged students

File Description	Documents
Link for additional Information	https://pjlce.edu.in/igac-activity-reports-cse
Upload any additional information	View File

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

Number of Students	Number of Teachers
880	60

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

PJLCE provides an effective platform for students to develop latest skills, knowledge, attitude, values to shape their behaviour in the correct manner. All departments conduct innovative programs which stimulate the creative ability of students and provide them a platform to nurture their problem-solving skills and ensure participative learning. The institute organizes project competition in which students showcase their learning in the form of innovative projects. Also, students are motivated to participate in inter college as well as national level competitions. The institute focuses on the student-centric methods of enhancing lifelong learning skills of students. Faculty members make efforts in making the learning activity more interactive by adopting the below-mentioned student-centric methods. Teaching and Learning innovations support to step outside of traditional boundaries of teaching to improve student learning. Teachers apply different pedagogical approaches for making teaching learning process more interesting.

1. **Experiential Learning:** Each department conducts add-on programs to support students in their experiential learning. The institution imparts the following experiential learning practices to enhance creativity and cognitive levels of the students - Laboratory Sessions are conducted with content beyond syllabus experiments. Summer Internship -Students get hands on training while working in the company. Add-on Courses on latest technologies. Project

development on latest technologies by students where they showcase their working model in the technical fest. Industrial Visits to engage them in experiential learning while visiting the organization. Value Added Courses to develop their expertise Participation in simulated events hackathons where they acquire experience of working on some real-life model.

2. Participatory Learning: In this type of learning, students participate in various activities such as seminar, group discussion, wall papers, projects, and the skill based add on courses. Students are encouraged to participate in activities where they can use their specialized technical or management skills. Project competition organized every year for engineering students where selected projects are displayed at the larger platform. Annual cultural program - This is organized every year for the students of the college to give vent to their creativity. Regular Quizzes- Quizzes are organized for student participation at intra or inter college level. Seminar Presentation - Students develop technical skills while presenting papers in seminars. Presentation and publishing of papers in conferences and journals - The objective is to give them exposure to learn and imbibe new skills. MOOC Programs

3. Problem-solving methods: Departments encourage students to acquire and develop problem-solving skills. For this, college organizes expert lectures on various topics, motivate students to join MOOC courses, participate in various inter-college and intra-college technical fests and other competitions such as: In-house summer training with project development. Regular Assignments based on problems, Mini Project development, Regular Quizzes, Case studies Discussion, Class presentations, Debates, Participation in Inter college events

Following are the innovative practices which are adopted for better Learning:

- Students presentation are conducted for making learning more interesting
- Technical quiz/ Open book : Books of different authors are provided to students .They are asked to write the best answers for the given question from the books.
- Group discussion/ Cross word: A particular topic is given by the subject teacher . Students discuss on its analysis, working, applications etc.
- Students are given real word examples like working models for better understanding of the topics.
- Advanced topics are taught.

- Questions from competitive GATE Examination are included in the Question Banks of the relevant subjects. .
- Partial delivery of syllabus by Visiting /Adjunct faculty.
- Use of video lectures of experts from IIT's (NPTEL).Innovative practical are conducted.
- Activity based learning to make learning more interesting.
- Students groups are formed among the students for encouraging peer to peer learning..This also helps the students who are academically performing poor.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	https://pjlce.edu.in/igac-activity-reports

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

At PJLCE, the classrooms and labs are ICT enabled with projectors installed and the campus is enabled with high speed wifi connection. The faculty at PJLCE use various ICT enabled tools to enhance the quality of teaching-learning.

ICT Tools:

- Projectors- Projectors are available in different classrooms/labs
- Desktop and Laptops- Arranged at Computer Lab and Faculty cabins all over the campus.
- Printers- installed at Labs, HOD Cabins and all prominent places.
- Photocopier machines - Multifunction printers are available at all prominent places in the institute.
- Scanners- Multifunction Scanners are available at all prominent places.
- Seminar Rooms- Three seminar halls are equipped with all digital facilities.
- Auditorium- It is digitally equipped with mike, projector, cameras and computer system.
- Online Classes through Zoom, Google Meet, Microsoft Team, Google Classroom etc.
- MOOC Platform (NPTEL, Coursera, SAP, Udemy, Edx etc)

- Digital Library resources (DELNET)
- MIS of Institute: Institute actively uses online source of operations ERP system. In academics module, E-content developed by teachers is available on Institutional learning management system.

Use of ICT by Faculty

- PowerPoint presentations- The PPTs are enabled with animations and simulations to improve the effectiveness of the teaching-learning process.
- Industry Connect- Seminar and Conference room are digitally equipped where guest lectures, expert talks and various competitions are regularly organized for students.
- Online quiz- Faculties prepare online quiz for students after the completion of each unit with the help of GOOGLE FORMS
- Video Conferencing- Students are counselled with the help of Zoom / Google meet applications
- Video lecture- Recording of video lectures is made available to students for long term learning and future referencing.
- Online competitions- Various technical events and management events such as Poster making, Ad-mad show, Project presentations, Business quiz, Debates, paper presentations etc. are being organized with the help of various Information Communication Tools.
- Workshops/Seminars/Conferences/Stakeholders meet: Teachers use various ICT tools for conduction.
- IIT Virtual lab is used.
- To teach mathematical subjects in online mode, teachers have used various online tools like- whiteboard in Microsoft teams, Jamboard in Google meet, etc

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://pjlce.edu.in/igac-activity-reports-cse

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

2.3.3.1 - Number of mentors

60

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	No File Uploaded
mentor/mentee ratio	No File Uploaded

2.4 - Teacher Profile and Quality

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

60

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

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

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

15

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers

563

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

Mechanism of internal assessment:

- Schedule of Class Assessment Test & Sessional Examination and assignment is given in
- Academic calendar which is displayed well in advance before commencement of session.
- The course teachers display question bank in advance for CAT-I and CAT-II which is conducted for one hour as per academic Calendar.
- Evaluation method comprises of internal examinations held progressively during the semester and is designed to check and report the periodic performance of the student.
- All the records and data bank of attendance in internal Examinations, Question papers, valued answer sheets/copies, summary of marks sheets, are properly maintained by the teachers for academic monitoring/academic audit.

Complete transparency in the internal assessment for each assessment method as follows:

- Model Answers and marking scheme is prepared by every subject teacher before valuation.
- Class Assessment Test: After Valuation, marks are displayed on dates mentioned in the academic calendar by faculty members. Assessment copies are shown to the students. Some questions have specific remarks by the valuer for awarding fewer marks.
- Sessional Examination: Valuation is done by the respective subject teacher within two days through centralised valuation system. Sample Answer sheets are moderated by external moderators. Answer sheets are shown to all the students and answers are also discussed with the students. After satisfaction students put their signatures on the answer sheets. Some questions have specific remarks of the valuer

regarding deduction of marks.

- **Practical Examination:** Evaluation is done with transparency based on different parameters like Teachers Assessment, Practical Records, Performance and Viva-Voce.
- **Assignments:** Assignments questions are discussed with students. The students submit two assignments.
- **Internal Assessment Marks:** Internal Assessment Marks which comprises teacher assessment, CAT-1, CAT-2, Assignments and sessional exam marks are conveyed to students and parents also.
- **Evaluation parameters and weightage:** Evaluation parameters and weightage of marks are given in Academic Policy of the Institution and disseminated to all concerned.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

- **Departmental Level:** The continuous evaluation of students is carried out by faculty regarding theory lectures, labs, assignments, unit tests. The midterm marks are allotted based on defined strategies and displayed on notice board. Query if any is discussed with faculty and HOD.
- **College Level:** The Institute appoints a grievance redressal committee at college level for grievances. If students are facing any problems, they are solved by the institution Chief Examination Officer appointed by the university. The grievances during the conduction of online/theory examinations are considered and discussed in consultation with the Principal and if necessary forwarded to the university by examination section.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	https://pjlce.edu.in/grievances/

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

- Graduate attributes are described to the first year students at the commencement of the programme.
- All teachers explain to the Students.
- Learning Outcomes of the Programs and Courses are observed and measured periodically.
- Programme and course outcomes are uploaded on the Institution website for reference.
- The importance of the learning outcomes has been communicated to the teachers by IQAC
- The students are also communicated about the Programme outcomes, Programme Specific Outcomes and Course outcomes through Tutorial Meetings.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://pjlce.edu.in/civil_engg_dep
Upload COs for all courses (exemplars from Glossary)	View File

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

Yes, Attainment of programme outcomes and course outcomes are evaluated by the institution.

The assessment tools and processes used for measuring the attainment of each of the Program Outcomes and Program Specific Outcomes are mentioned below:

Method of assessment of POs / PSOs:

- The program outcomes and Program Specific outcomes are assessed with the help of course outcomes of the relevant courses through direct and indirect methods.
- Direct methods are provided through direct examinations or observations of student knowledge or skills against measurable course outcomes.
- The knowledge and skills described by the course outcomes are mapped to specific problems on University Examination, internal exams and home assignment.
- Finally, program outcomes are assessed and Program Assessment Committee concludes the PO attainment level.
- At the end of each semester, university conducts examinations based on the result published by university the course

outcomes are measured.

- Assignments are given at the end of each module. The assignments are provided to students and they refer the text books and good reference books to find out the answers and understand the expected outcome of the given problem.
- Internal Examination is conducted per semester
- To evaluate, whether corresponding COs are achieved or not. According to the performance of the student in answering each question, mapping is carried out with the respective COs for assessing the attainment level of the specific CO of the subject.
- Alumni survey, Employer surveys , exit survey also conducted for evaluation.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

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

287

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	https://pjlce.edu.in/igac-activity-report

2.7 - Student Satisfaction Survey

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

<https://pjlce.edu.in/igac-sss>

RESEARCH, INNOVATIONS AND EXTENSION	
3.1 - Resource Mobilization for Research	
3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)	
3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)	
00	
File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	No File Uploaded
3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year	
3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year	
1	
File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	https://nagpuruniversity.ac.in/
3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year	
3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year	
12	

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

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

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

52

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

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

18

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

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

Extension Activities

The Institute regularly conduct the extension activities in the

tribal villages, adopted villages and weaker sections of the societies. These programmes aims to connect the Higher Education Institutions with the society. This will transform the outlook of the students and inculcate leadership qualities in the youth. They will prove good administrators, good humans with good moral behaviour and responsible citizens in future. Such citizens help in Nation building. At the same time the needs of the society and the needs of the downtrodden sections are fulfilled.

The institute promotes regular engagement of faculty, students and staff with neighbourhood community for their holistic development and sustained community development through various activities. Every Year, programme are organized under which students and staff participate voluntarily in community based activities with neighbourhood.

Various awareness programs, workshops, rallies and road shows with themes like cleanliness, green environment & tree plantation, gender sensitization, demonetization and digital payment, and empowerment of girls and women Awareness of Legal Rights, Awareness of Organ donation etc.

are organized. Continuous voluntary activities by students to maintain cleanliness in an around the Campus, create awareness about the role of clean environment in human health and contribute to the National Swachh Bharat Abhiyan. Blood Donation camps have been organized regularly.

Impact & Sensitization:

Exposure to extension and outreach activities sensitizes the students towards social issues and also to legal and social remedies. The activities conducted lead imbibing the values of social responsibility such as:

1. To help people in need and distress
2. To understand and share the need of under privileged children
3. To promote cleanliness in all span of life and common places, Juggi areas.
4. To acquire social values and a deep interest in environmental related issues.

Learning outcomes of the activity:

1. Enlarge the knowledge of societal issues and problems and to search solution by getting involved with their lives.
2. Build up relation and tie up with organizations/NGO to carry forward humanitarian work in future.
3. Develop a passion and brotherhood towards community, affected people/animals and destitute.
4. Develop skill and aptitude for problem solving.
5. The skills developed include social skills communication skills, management skills, leadership skills, analytic skills, perceptual skills etc

File Description	Documents
Paste link for additional information	https://pjlce.edu.in/assets/igac/links/Anual-Report-Events-Activities-at-PJLCE-2020-22.pdf
Upload any additional information	No File Uploaded

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

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

8

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	No File Uploaded

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

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

during the year**14**

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

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year**3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year****882**

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

3.4 - Collaboration**3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year****15**

File Description	Documents
e-copies of linkage related Document	No File Uploaded
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	No File Uploaded

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year**14**

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES**4.1 - Physical Facilities**

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

PJLCE provides facilities such as:-

- Delightful landscape
- Enormous parking areas
- Generator with 125 KVA capacity
- Independent Cafeteria
- Medical Room and Common rooms for Girls & Boys
- Fully air-conditioned Conference room
- Well -ventilated, spacious classrooms
- Well equipped Laboratories, Drawing hall and Workshop
- Auditorium, Seminar halls
 - Campus area 4.84acre
 - 15 classroom
 - 4 tutorial room
 - 38 Laboratories
 - 03Seminar Halls
 - 15Classrooms with LCD facilities
 - 15Classrooms with Wi-Fi/ LAN
 - 03Seminar halls with ICT facilities

Campus wide Networking :Institute has large number of computers connected through internet. The entire institute is connected

through campus wide networking. The various departments are connected with network. The centralized ERP system is maintained for the students as well as for the faculties. The students can access academic calendar, Question Bank with solutions, PPTs and time table from ERP system.

Library: Library provides wide range of facilities for support in studies. The salient features of the extensive library offers:

- Learning materials from reputed sources with vast number of books, Cd's and videos from various universities
- Software comprising communication skills and competitive exams
- Springer eBooks
- NPTEL Facility
- OPAC (Online Public Access Catalogue)
- Question Bank Repository
- Printing & Scanning Facility
- Multimedia Section
- Air-conditioned rooms
- Safety(Fire Extinguisher & CCTV)
- Magazines, Newspapers
- Automated online search facilities which have Koha software

Centralized Computer Center: PJCCE computer center has ample capacity of computers . Lab provides free Internet facility to all the college students.

Departmental Library:Each department is enriched with departmental Library useful for students for easy reference of project reports of final year students and various magazines, Journals of Professional Bodies, specimen books by various National & International publications ,

Language Laboratory: Language Power is a measure of one's ability to communicate effectively. It is a technological break for imparting skills in English. It offers an exclusive result oriented approach and is efficient to enrich the English language learning process. Thus, college has independent language laboratory for the development of communication skills of our young minds. It is a fully computerized and futuristic lab which offers a multimedia based interactive learning environment where teachers and students effortlessly -- literally at the click of the mouse -- share course materials and work in unison to enhance language proficiency.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pjlce.edu.in/about_campus_facility

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

PJLCE's evergreen ambiance having a large playground and enough provisions for indoor as well as outdoor games. Sports motivates our students to be physically and mentally strong. They actively participate in several indoor and outdoor games such as Table Tennis, Cricket, Volleyball, Badminton, Kho-Kho, Chess, Carom, Running, Skipping, Kabaddi and many more fun games.

Indoor facilities

Table Tennis

Chess

Carom

Squash.

Outdoor facilities

400 meter jogging park

Volley ball court

Lawn tennis court

Croket ground with turf wicket

Hockey, Football ground

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://pjlce.edu.in/event_cultural_activities

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

18

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

18

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://pjlce.edu.in/assets/igac/links/geo-tag/1-Classrooms-and-seminar-halls-with-ICT-enabled-facilities.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

20

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource**4.2.1 - Library is automated using Integrated Library Management System (ILMS)**

Library is automated using Integrated Library Management System (ILMS) : Yes

Name of the ILMS Software : KOHA (Open Source Software, ILMS)

Nature of Automation (fully or partially): Partially

Version : 18.11.03.000

Year of Automation : 2012

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional Information	http://lib1-jlcce.ltjss.net:8007/

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

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

1.8

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

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

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

144

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

With the increasing demand for internet access in educational campuses due to evolving standard of education and flexibility offered by the Internet - universities, colleges, educational institutes etc., are keenly stepping forward to setup secured and stable wired or Wi-Fi network campus for their students. As per the current market trend, most of the students like to carry 3-4 devices with them like mobile, tablets, laptops, ipods etc. with them to campus. As these devices devour bandwidth, colleges and universities are struggling hard to keep up with the bandwidth demand. Educational campuses have major requirements of user access control, control over bandwidth consumption, and differentiated policy control for management faculty's access and student's access. These campuses with wired and wireless internet access require seamlessly roaming facility to access internet from class room to library to labs and residential areas. Laying complete network with different vendor solution would be very costly effort and difficult to manage while technical issues. Education institutes require cost-efficient comprehensive solution that offers all the advance facilities and features in single platform with single point of contact for technical support.

- BSNL upgradation of Internet lease line 100 mbps(1:1) on 15/3/2019 vide purchase order no. nil dated 15.3.2019
- VODAFONE Internet lease line 30 mbps (1:1) has purchased in 12.7.2019 vide purchase order no. nil dated 12.7.2019
- CC TV Cameras - 57
- Web cameras are 32 in Classrooms' & campus
- wifi facilities are available
- Projector 13
- Scanner 05
- Printer 22

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://pjlce.edu.in/about_campus_facility#

4.3.2 - Number of Computers

460

File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

33

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts.	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

The institution has estate office and designated officer for monitoring the maintenance of buildings, classrooms and laboratories. The estate office appoints agencies for maintenance of fire extinguishers, fire systems and generator. The college has appointed external agencies for maintenance and repair of infrastructure, equipment and other facilities. AMC contract is given to external agency for the maintenance of all computers within the college. Engineers from the service provider company are available in the campus for maintaining the computers and peripherals. Other laboratory equipment is maintained by technical supporting staff. In case of any repair requirement, service is hired from outside agencies. To maintain Internet connectivity and CCTV security system, network system, an administration team is appointed. LCD projectors, air conditioners and water coolers are maintained with the help of external agencies. To have greater accuracy in experiment the departments carry out the calibration of equipment by appropriate agencies. A regular maintenance schedule is followed by the department to keep the equipment in working condition. Log books are maintained in the laboratory and every student who enters the lab has to make entry in log book.

Separate maintenance team is available for the following:

1. Civil maintenance, Carpentry, Plumbing, etc.
2. Electrical maintenance
3. Garden maintenance

Whenever the need arises, the concerned department sends an application to the office. Office then forwards it to concern

cell/team. Team/cell completes the work and takes the sign of the concerned department on the work completion report.

Procedure of maintenance:

(a) Preventive Maintenance: To keep all the physical and academic support facilities at its optimum performance, before start of session (Twice in Academic Year) all the items in labs equipment, physical and academic support facilities were maintained consultation with lab. Incharge if required external agency may be appointed to restore its operational performance of equipment. The institute has appointed some external agencies for maintenance of some of physical and academic support facilities. The institute also has Annual maintenance Contract (AMC) with these agencies.

(b) Breakdown Maintenance: whenever any breakdown occurs at any physical and academic support facilities, then concerned Incharge has to send a note to the Maintenance cell, The cell will immediately deploy concern person to check the problem and take corrective measure to restore the operational performance.

Procedure for Handling Maintenance/Repair

Complaint: Maintenance/Repair problem is communicated to Maintenance Incharge by mail or online on erp portal. Then to Maintenance Incharge direct it to concern person. Within 24 hrs the problem/fault is identified. The time of repair and maintenance may be depends upon the nature of maintenance Urgency as well as importance.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pjlce.edu.in/assets/igac/links/Infrastructure-Maintenance-Policy.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

770

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

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

381

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills
Language and communication skills Life skills
(Yoga, physical fitness, health and hygiene)
ICT/computing skills**

A. All of the above

File Description	Documents
Link to institutional website	https://pjlce.edu.in/
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

880

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

880

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	No File Uploaded
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

64

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

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

5.2.2.1 - Number of outgoing student progression to higher education

5

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
Details of student progression to higher education	View File

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

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

examinations) during the year

2

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded

5.3 - Student Participation and Activities**5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year****5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

1

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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

Student council

Yes, as per the Rules and regulations Under provision of section 40(2)(b) of the Maharashtra Universities act, 1994 and guidelines were provided by Board of Students Welfare, RTMNU Nagpur University, College has formed the Student Council. Budgetary provisions are made in the annual budget to take care of all activities conducted by the student council The important highlighting features of the Student Council are as follows: Works as a facilitator between the students and the college and coordinates all the extracurricular, co-

curricular activities and annual social fest of the college. Maintains overall discipline on the campus. Student secretary also represents college at university level for various student activities. Provides information to the students regarding various beneficiary schemes available at college & university level and campaign to create awareness regarding these schemes. Student Council serves the interests of the students by representing student's opinion, promoting social and cultural activities. It acts as the source by which students can participate in the decision-making processes which affect them by recommending, implementing and evaluating schemes. It is responsible for arranging all the technical, co-curricular and extra-curricular activities in the college. It is entirely managed by the students under the staff's guidance.

The institutional committees have student representative that ensures participation of students in all activities.

1. Participation in Academic Activities

Internal Quality Assurance Cell (IQAC): Student representatives are nominated for this cell who participate in the decisions regarding the quality initiatives and action to improve the academic and administrative performance of the Institute.

Library Committee: Student representatives are nominated into the library committee through which students put up their demands about learning material, new titles and express the problems faced if any related to library

2. Participation in Administrative Activities

Women Welfare committee: The girl students from are recommended into the committee to address issues on women welfare.

Anti-Ragging Committee: This committee is formed to prevent any form of ragging in or outside the campus. The student members of the anti ragging committee help the newcomers to increase their confidence through counseling.

Sports Committee: The student members of the Sports Committee organize indoor and outdoor sports and ensure maximum participation.

National Service Scheme: The students organize various social & community service activities & programs under NSS.

Alumni Committee: The student members of the Alumni Committee organize Alumni meet every year and helps to interact regular students with the institute alumina by means of interaction, guest lectures, etc.

Student Forum: For the students of each department installation of student forum has been done to provide a platform for the students to enhance their technical as well as cultural skills. To raise the unseen talents of students every department organizes the various forum activities. Each year student forums are being installed in almost all the departments of our institute. Like „SPACE? in Department of Civil Engineering, EXORDIUM in Electronics and Electronics and Telecommunication Engineering, SURGE in Electrical Engineering. CiT in Computer Science and Engineering Dept. In addition to the student council the college is also having students Chapters of Professional bodies

File Description	Documents
Paste link for additional information	https://pjlce.edu.in/event_forum_activities
Upload any additional information	No File Uploaded

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

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

22

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	View File

5.4 - Alumni Engagement

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

The alumni association of the institution has been registered as 'PJLCE alumni association' with the Registrar of Societies, Nagpur. (MH-611/15(Nagpur), date:01/08/2015) .The PJLCE Alumni Association registered in August, 2015 and since then has been actively involved in the various activities related to the Alumni of the college. The institution networks and collaborates with the alumni by arranging alumni meets every year. Head of the Departments, Faculty and Staff maintains repo with the Alumni. Many of the distinguished alumni visit the campus periodically, share the experience and provide valuable suggestions and help in organizing, guest lectures and get their updates about future of students in the job market. The institution implements most of the suggestions given by them in the interest of the students.

The General activities of the PJLCE Alumni Association include the following:

1. Creation, updation and maintenance of PJLCE Alumni Database
2. Uploading PJLCE alumni database
3. Updating the alumni of PCE with the developmental activities of the college.
4. Assist the college for arranging talks from the alumni and other corporate sectors.
5. Promoting students, alumni and faculty interaction.
6. Involving the alumni in social activity.

A) Contribution to the development of the institution through non financial means

Providing expertise: The alumni can contribute by providing their expertise in their occupation in developing new study programs in the institute. Alumni can contribute as a guest lecturer, adviser in committees, industry experts and cooperative partners in projects with the Institute.

Career mentor: Higher number of graduates as compared with a limited number of job opportunities results in more competition. Job availability is more critical in certain sectors. Here alumni supports the students by mentoring them on their career opportunities in the industry and opening challenges for the students either in undergoing practical learning or work experience in the institutions.

Improve student recruitment efforts

The alumni can also show the students how to join the work field after finishing their studies. Experiences in the institute and the success of the alumni in their work can be of significant factors for students in choosing a institute.

Opportunity to access professional development

The senior successful alumni community can be a most effective medium not just for the institute graduates but also with the younger alumni. Successful alumni from the corporate world, industry can potentially create a stronger network as well as trust in the institute and in turn, will assist younger alumni from the institute to access opportunities in improving their careers and professionalism.

B) Contribution to the development of the institution through financial means

An active alumni association can encourage greater collection of funds enabling the establishment of scholarships, supporting student's activities, cultural programs and forum and associations expeditions, assisting in establishment of infrastructure and support innovative improvements at the institute.

File Description	Documents
Paste link for additional information	https://pjlce.edu.in/about_alumni
Upload any additional information	No File Uploaded

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

D. 1 Lakhs - 3Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT**6.1 - Institutional Vision and Leadership**

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

Priyadarshini J. L. College of Engineering (PJLCE), Nagpur, is a flagship institution belonging to LTJSS established in the year 2008 and is one of the premier technical institutions in Central India. The institute imparts epoch making training in 5 diverse verticals of engineering streams at undergraduate level. Priyadarshini J. L. College of Engineering the premier Institute of Sanstha with 11 years of promising track record endeavors to impart academic excellence by promoting technology, scientific thinking and corporate social responsibility. The institute is a proud recipient of prestigious awards which includes "BEST EMERGING ENGINEERING COLLEGE" , In the year 2019, for category of Emerging college in region by Times group , India and "OUTSTANDING ENGINEERING INSTITUTE IN REGION" In the year 2019, For Category of Emerging engineering institute by SAKAL MEDIA GROUP. The college is ISO 9001:2015 certified for all its engineering branches for delivering quality education and facilities in engineering education. Institute Professional Society Membership : Indian Society for Technical Education ISTE/Institute membership/IM 1959, Year : 2011 ,The Institution of Electronics and Telecommunication Engineers (IETE), life organizationa membership, since 15th April 2011 ,The institute has yearly membership of " Computer Society of India (CSI) .

- The College ensures decentralized and participatory governance. It emphasizes on collaborative administration by incorporating all its stakeholders.
- The Management enlists the talents of the staff in shouldering various administrative responsibilities and appoints them as officials that include Principal, Deans, IQAC Coordinator, Heads of various Departments, Office Superintendent and Coordinator of various cells.
- Students also participate in the governance of the institution through effective representation through Student Council, Planning and Evaluation Committee and other committees. The Student Council acts as an interface between the administration and the students in curricular and extracurricular endeavors responsibly.
- This hierarchical structure makes sure of delegating the power and allocation of responsibilities for the smooth functioning of the College.
- There are statutory and non-statutory bodies which function efficiently and effectively. Besides, there are also other committees, associations, forums and clubs and so on.
- E-governance is incorporated in areas of administration, finance and accounts, student admission and support, and

examination.

- Policies related to academic, research, curriculum development, administration, finance, infrastructural development, extension, co-curricular and extra-curricular activities are conceived, planned and executed with adequate representations and involvement of stakeholders.
- Workshops and training programmes are conducted periodically to enhance different professional competencies of the teaching and the non-teaching staff.
- The College organizes seminars, workshops, conferences and interactive forums for the students to enrich their knowledge and skills. The students participate in the organizations of inter-collegiate and inter-departmental competitions and activities.
- The institutes has always envisioned of instilling life skills among the students through their qualitative engagement in various extracurricular activities like NSS, inter collegiate sports and cultural competitions and has won several accolades at university level and state level. Various cells like Alumni, EDP, III, are strong support to the Training and Placement cell so as to give much needed impetus for the meaningful placements of students. Various activities like Soft Skill Training (SST), Employability Enhancement Training (EET), LAKSHYA, Campus to Corporate (C2C), Campus Recruitment Training (CRT) are very much helpful for students to gear confidence and etiquette to perform in various vertical of their personal and professional career.
- Grievances of the students are represented in the appropriate committees and resolved through suitable measures.
- A multi-layered feedback system adopted by the College helps to evaluate teaching and learning pedagogy, curriculum design, social outreach initiatives, need-based programmes and staff-management relationships.
- The appraisal mechanisms assist effective leadership to strengthen positive strides and overcome challenges. The transparent nature in the dynamic processes of decision making, policy framing, knowledge sharing, feedback appraisals and action implementations enhances the governance of the College.
- The institute is an attractive destination of learning which galvanize the potential learners from nearby states to Maharashtra. State of the art infrastructure and unfailing commitment to achieve excellence in academics and research are our principle drivers of growth. The positive brand image of the Institute is an enabler which has produced more than two thousand alumni who are occupying respectable positions and

rendering professional services across the geographical borders.

File Description	Documents
Paste link for additional information	https://pjlce.edu.in/about_pjlce
Upload any additional information	View File

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

Yes, the effective leadership is visible in various institutional practices such as decentralization and participative management.

Decentralization and participative management Institute has a mechanism of delegating authority and providing operational autonomy to the various institutional functionaries to work towards decentralized governance and participative management system. The Institute believes that the decentralization creates an integrated chain among the people who are working for the growth of the institute.

The Institute has formed various committees and responsibility is given to the members. These committees are supported by the top management, to promote academic leadership.

college groom leadership at various levels

At Student Level:

- Selection of class representative as class committee members
- Conduct of student centric college events like conferences, Tech. fests, cultural, sports etc.
- Involvement and coordination roles to students in all college activities Clubs/Committees/Association activities.
- Editorial board of College Magazine and Department Newsletter.
- Organization of community services through NSS & Departmental forum.
- Active participation in placement initiatives.
- Celebrating the achievement of imminent personality by interviewing them.

At Faculty level:

- Freedom to take up academic pursuits and student related activities.
- Organizing industrial visits and workshops.
- As mentors and class coordinators.
- Planning and execution of several department activities, budget, purchase etc.
- As coordinators for the preparation of NAAC, LEC, AICTE inspections.
- Organizing Founder's Day, Cultural Day, Independence Day, Sports Day and other functions.
- Giving responsibility as a member secretary in various portfolios.

As Head of the Department:

- Planning, execution and monitoring the performance of the department.
- Heading all the administrative and academic activities of the department and other committees mentioned earlier

As Principal:

- Heading all the administrative and academic activities of the institution.
- All the faculty members are involved in all the activities of the College.
- The senior staff members are appointed as conveners of various committees.
- Various co-curricular and extra-curricular activities are conducted under the guidance of faculty members with student representatives. In this way the college grooms leaders at all levels.

File Description	Documents
Paste link for additional information	https://pjlce.edu.in/about_Organogram
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Institute has a formally stated quality policy. It has been formed after discussions with the top management, Principal, Heads of the departments and staff members in order to achieve the vision and mission of the Institute. The Institute undertakes various activities to fulfil the quality policies. All the activities are monitored by the committees that meet periodically to decide and discuss various quality issues.

Institute has a perspective plan for development. The institution takes effort in finding the key performance indicators for performance assessment and development. It addresses the issues from the stake holder's perspective and takes steps to fulfil their requirements.

The Institute has following perspective plans:

1. Permanent affiliation by RTMNU
2. Autonomy

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://pjlce.edu.in/igac-strategic-plan-deployment
Upload any additional information	No File Uploaded

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

The institution has well formulated Bye Laws covering all the Policies, SOP's, Administrative Guidelines and procedures etc. All the bodies ensure effective administration through standard policies and SOP's in all domains like Academics, Administration, Research, Institutional Social Responsibilities, Staff and student welfare etc..

File Description	Documents
Paste link for additional information	https://pjlce.edu.in/about_pjlce#
Link to Organogram of the Institution webpage	https://pjlce.edu.in/about_Organogram
Upload any additional information	View File

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

Faculty Empowerment (Welfare measures)

Teaching Faculty

Following is the list of existing welfare measures for Teaching Faculty

- Reimbursement of claim for attending conference/FDP/STTP/Workshop, Membership fee for professional society for teaching staff and Incentives to faculty for award/recognition.
- Employee Provident Fund (EPF).
- Group Insurance Scheme.
- Concession in fees to employee ward
- Grant of Maternity Leaves to female staff.

- Advance against salary facility.
- Grant of Leave Travel Concession.
- Facility of Duty leave and on duty leave
- Lien facility.
- Centralize reprographic facility (Xerox).
- Facility of Wi-Fi in campus.
- Ph.D. Increments.
- Recognition of faculty members for achievements felicitation of faculty members after receiving Awards and PhD
- Study leaves for part time PhD.
- The facility of advance against salary.
- Early going and late coming facility.
- Recreation facility for the staff
- Free Health Checkup camp

Non Teaching Staff

Following is the list of existing welfare measures for Non- Teaching Faculty:

- Employee Provident Fund (EPF).
- Group Insurance Scheme.
- Concession in fees to employee ward
- Maternity Leaves to female staff.
- Advance against salary facility.
- Centralize reprographic facility (Xerox) for staff.
- Facility of Wi-Fi in campus.
- Early going and late coming facility.
- Facility of Duty leave and on duty leave
- Recognition of faculty members for achievements felicitation of faculty members after receiving Awards and PhD
- Recreation facility for the staff
- Free Health Checkups camp

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

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

0.45

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

20

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)**6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year**

28

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

Institutions Performance Appraisal System for Teaching and non Teaching staff

The institution has performance based appraisal system for the assessment of teaching and non-teaching staff. The performance of each employee is assessed annually after completion of one year of service. The Annual Confidential Report and the Performance Appraisal System has significantly helped in the evaluation of the performance of employees, in motivating them, analyzing their strengths and weaknesses and ensuring better performance.

Teaching Staff are assessed through annual confidential reports and annual performance appraisal:

The appraisal report is based on the annual performance of the employees on the basis of their academic, research and other extra-curricular activities .It is also one of the mandatory assessment for performance is appraised through implementation of innovative methodologies in classroom lectures, seminars, tutorials, course question paper setting and evaluation, updating of materials etc. Besides, student feedback and pass percentage of the course are also considered. The performance of the faculty is evaluated based on professional contribution to academics, contribution to short term training courses, performing invigilation duties, contribution to College administrative bodies. Financial support to the faculty is rendered with the motive to enhance or upgrade their knowledge through their participation in conferences, workshops; publications in Scopus indexed journals, book publication, sponsored projects

consultancy, research supervision, awards, honours.

The above set performance appraisal report is filled by employee in a given prescribed proforma which includes all the above set related to points and sub points. Filled in the prescribed format is revised by HOD to assess the behavioural / professional aspects of the faculty concerned.

Non-Teaching Staff is also assessed through annual confidential reports and annual performance appraisal:

In appraising non-teaching staff's performance this includes technical contribution of individuals such as subject knowledge, awareness, innovation willingness to learn, diligence etc. besides they also assess the behavioural aspects like group behaviour, acceptability, punctuality etc.

File Description	Documents
Paste link for additional information	https://pjlce.edu.in/iqac_links
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

The institute has a mechanism for internal and external audit. College accounts records are maintained by a dedicated account section. We have our own internal audit mechanism where internal audit is an ongoing continuous process in addition to the external audit. External auditors verify and certify the entire Income and Expenditure and the Capital Expenditure of the Institute each year. Qualified Internal Auditors have been appointed and a team of staff under them do a thorough check and verification in each financial year. The institutional accounts are audited regularly by both Internal and statutory audits. So far there have been no major findings / objections. Minor errors or omissions and commissions when pointed out by the audit team are immediately corrected / rectified and precautionary steps are taken to avoid recurrence of such errors in future. The institute regularly follows internal external financial audit system.

Financial audits carried out during the year with the mechanism:

Every year, the budget is prepared well in advance by taking into consideration the financial requirements of every department. Each department prepares the budget based on the recurring and non-recurring requirements such as equipment, consumables required and maintenance of equipment for the next academic session. The budget proposed by the department is reviewed and forwarded by the Principal to CAFO LTJSS. After making necessary changes, CAFO forward it to management The Principal monitor the purchase as per the sanctioned budget. Budget is planned under the careful supervision, and considerations of need of all the departments. Priorities are made on basis of the needs to fulfil various requirements to upgrade the development of the department. In every financial year the college conducts internal audit through the staff as well as external audit by the statutory Auditors. Chief Accounts and Finance Officer (CAFO) arranges financial audit of the institute. Year wise schedule date and audit details are shown below: While verifying entries, if any mistakes/ short comings / objections identified/noticed, the same is rectified with the discussion and permission from CAFO at the same time. The report of audit is then submitted by auditors to the management.

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

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)**6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)**

00

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

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

The institute has well-defined strategies for mobilization of funds and the optimal utilization of resources for infrastructure, development and teaching learning processes. All the major financial transactions are monitored by the college development committee which comprises of the college authorities and management authorities.

Proper utilization of financial resources is planned at the beginning of every financial year.

Finance department takes care of the collection of Tuition fees, Salary distribution, and Tax payment. It's a routine practice to prepare purchase orders for the laboratory equipment, teaching aids, furniture, facilities, payment of bills, maintaining the department budget allocation and expenditure etc. Every financial transaction is recorded. In addition to this, the account of each financial year of the college is audited by Chartered Accountant. Thus the utilization of financial resources is monitored at several levels.

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

6.5 - Internal Quality Assurance System

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

PJLCE attempts to score out the total quality through a persistent focus on imparting quality education, through its innovative, comprehensive and flexible education policy. Its Internal Quality

Assurance Cell (IQAC) carries out activities that encompass all aspects of the Institute's functioning.

The IQAC at PJLCE was constituted on 13th June, 2016. Since then, it has been performing the following tasks on a regular basis:

- Improvement in quality of teaching and research by regular inputs to all concerned based on feedback from students.
- Providing inputs for best practices in administration for efficient resource utilization and better services to students and staff.
- Providing inputs for Academic and Administrative Audit and analysis of results for improvement in areas found weak.
- Stakeholders feedback, analysis and action accordingly

The IQAC has immensely contributed in the implementation of quality assurance strategies and processes at all levels.

The Institute IQAC regularly meets every three/four months.

The Institute IQAC prepares, evaluates and recommends the following for approval by the relevant Institute and statutory authorities:

- Annual Quality Assurance Report (AQAR)
- Self-Study Reports of various accreditation bodies (ISO 9001, UGC 2f, NAAC)
- Performance Based Appraisal System (PBAS)
- Stakeholder's feedback
- Process Performance & Conformity
- Action Taken Reports
- New Programmes as per National Missions and Govt. Policies

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

IQAC led the efforts to acquire the ISO Certifications in the last five years.

(a) The Institute IQAC planned, organized and executed the necessary steps that included the preparation of detailed quality manuals, identification of key performance indicators and mapping the various processes across the entire functioning of the Institute, which finally led to the successful award of the ISO 9001:2015 certifications in 2020.

(b) The IQAC led efforts to the successful implementation of modern technology in the Institute's administrative functioning through ICT and alternative sources of energy, especially enhancement of solar power. Automation of admission, financial and examination processes, up gradation of Wi-Fi and LAN facilities, have significantly contributed to an enhanced quality of teaching-learning experience.

Links:

IQAC Link: <https://pjlce.edu.in/iqac-About#>

Quality Assurance Initiatives: <https://pjlce.edu.in/iqac-AQAR>

File Description	Documents
Paste link for additional information	https://pjlce.edu.in/iqac_links
Upload any additional information	View File

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

- The IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process.
- The Academic Calendar is prepared in advance, displayed and circulated in the Institute and strictly followed.
- All newly admitted students have to compulsorily attend the Orientation Programme, in which they are made aware of the philosophy, the uniqueness of the Education system, the teaching learning process, the system of continuous evaluation, compulsory core courses, various co-curricular activities, discipline and culture of the Institute. All students are also given a guided tour of the campus and the various facilities.
- Students are apprised of the Time-Table, Programme structure, syllabi of the courses before the semester commences.
- Important announcements/notices and attendance and conduct of classes are monitored by the Dean/ HODs and class teachers of various classes.
- The HEI and the Discipline Committee members make random visits to ensure smooth functioning of classes.
- Effective implementation of mentoring schemes in which strong teacher, student and parent interaction corrects the process as and when required.

- Informal meetings by class in charges are regularly conducted with students to take feedback and appropriate steps are taken to enhance the teaching-learning process.
- Feedback from students is also taken individually by teachers for their respective courses, by HEI and directly through IQAC. Students are also free to approach HEI, HODs for feedback and suggestions. Feedback is properly analyzed and shared with the Director, Deans, HODs and individual faculty members.
- In addition, IQAC regularly conducts meetings and reviews the progress and makes necessary recommendations. The teaching-learning processes are reviewed, and improvements implemented, based on the IQAC recommendations.

- The major initiatives taken include the following:
 - Activity based learning
 - Lab to land projects

IQAC Links

- Quality Assurance Initiatives <https://pjlce.edu.in/iqac-AQAR>
- Stakeholders Feedback <https://pjlce.edu.in/assets/iqac/feedback-stakeholders-20-21.pdf>
- Student Survey <https://pjlce.edu.in/iqac-sss>
- Activity reports <https://pjlce.edu.in/iqac-activity-reports>

File Description	Documents
Paste link for additional information	https://pjlce.edu.in/iqac-Committee
Upload any additional information	No File Uploaded

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

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://pjlce.edu.in/igac_links
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Equality of genders for all the students is one of the basic ethos. The gender oriented initiatives involve all such steps which aim at empowerment of the students without any bias. The extensive security arrangement at every building of the college campus provides total safety and security to students and lady faculty members of the college. The timely interventions of Discipline in charges during every eventful day ensure a care-free atmosphere to the students. PJLCE policy initiative encourage female faculty to be in-charges of various committees/ Heads of the departments. PJLCE provides complete maternity leave to all its women faculty members.

1) Safety and Security

- A team of security guards ensure safety & security of all the students & faculties alike.
- There are fire extinguishers and CCTV cameras installed in all the Wings of the College to cope-up with any emergency.
- All the classrooms, corridors, seminar rooms & the campus are well lighted.
- In case of any emergency, the medical care & support is available to students & faculties from the adjoining hospital.
- Transportation is provided in case of any medical emergency.
- A committee named as Internal Complaints Committee is constituted for redressal of complaints regarding sexual harassment of ladies at work place, if any. Students have walk-in liberty to reach out to any member of the committee at any time.
- The Anti Ragging and Vigilance Committee is like protective

shields of the college when it comes to the security of the students especially the girl students. The redressal forum ensures regular visits to the class rooms, common rooms and canteen to check the prevalence of any prohibited activities.

2) Counseling

The Counseling aims to provide individual, group and family counseling to assist students and faculty members in addressing their academic and psychological health concerns. The cell is gender sensitive and promotes an equal and open environment for all the students and the faculty members. It identifies personal strengths, emotional and behavioral problems, and provides assistance to the clientele to cope and work towards self-understanding and improvement of psychological, academic and interpersonal functioning to regain a sense of control and pleasure in life.

3) Common Room

- Girls' common rooms have been designed to create a basic comfort zone to the girls.
- The medical rooms provide physical space to the girl students to rest when they are indisposed.
- Girls' sports room is yet another feature of the basic amenities meted out to the girls during sport activities of the college.
- There is a Sanitary Napkin Vending machine installed in the campus for the convenience of the girls.

File Description	Documents
Annual gender sensitization action plan	https://pjlce.edu.in/assets/igac/links/Annual-Gender-Sestization-Action-Plan.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://pjlce.edu.in/igac_links

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

A. 4 or All of the above

power efficient equipment

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

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

We at PJLCE are highly sensitized for environmental consciousness and we take all necessary steps to keep our environment clean, safe and secured for better quality of life. The lush green campus proves the intent of the Management to make the campus ecofriendly. Large numbers of saplings are planted in the campus to make the campus green and aesthetically pleasing. Lawns have been developed and maintained. There are different types of wastes disposed in the college for which there is a proper system functioning. The following wastes are being disposed by the college:

Recycling of biomass:The garden by-products may act as economically valuable resources when managed correctly. Manure, for example, is a valuable resource because of its fertilizing and soil conditioning properties. We at PJLE collect the garden waste and convert it to compost for utilizing it as an organic manure for the Campus garden.

Solid waste management: The waste which is generated at various locations are collected, segregated and handed over to agencies to be transported to government authorized sanitary landfills.

Liquid waste management practice: Waste water is properly drained out through proper drainage systems. Toxic materials/chemicals are not used in any of the laboratories. Non toxic liquid chemical wastes generated from chemistry laboratory and environmental laboratory are diluted/ neutralized and then discharged.

E waste management practice: In a digital age management of E waste is as important as solid and liquid waste management. We at PJLCE periodically collect segregate and hand over the E waste to the vendors for recycling and re-usages.

- Drives, Monitors, Keyboards, Cartridges, etc. is disposed through outside agencies as a scrap.
- UPS batteries are recharged/repaired/exchanged by the

suppliers.

- The cartridge of laser printers is refilled outside the college campus.

Waste recycling system- Rain water harvesting system in the college. At PJLCE, we have rainwater harvesting systems in which gravity feed system is employed. The water which is collected in water bodies are further used for watering the garden and various plants. We have effective rain water harvesting systems in different buildings. Rain water is collected in roof top from which the water flows in to the ground water table by gravity. In some cases, rain water is collected in underground tanks and released into the water bodies through drainage pipes. Also, in the campus, we have a rain water harvesting pond for collection of water

Hazardous chemicals and radioactive waste management- There is Hazardous chemicals and radioactive waste management system in the college.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	https://pjlce.edu.in/iqac_links
Any other relevant information	View File

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for

A. Any 4 or All of the above

greening the campus are as follows:

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. landscaping with trees and plants

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

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

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

A. Any 4 or all of the above

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of

B. Any 3 of the above

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

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

The institute is proactively taking efforts in providing an inclusive environment. The initiatives are to promote better education, economic upliftment of the needy and setting communal harmony.

- Engineering College organizes extension activities as a part of education with Social Responsibility. The extension activities are targeted towards enabling a holistic environment for student development.
- Cloth and mask Distribution to needy people has been conducted in the area of Nagpur to raise socio economic upliftment.
- Blood donation camp is annually organized College in association with blood banks of Nagpur region wherein students, faculty and staff contributed voluntarily by donating blood for the noble cause of serving society and proudly adorn the badge of a blood donor
- Awareness about road safety
- Workshop on Digital presentation for school teachers
- Employment awareness messages to local community by PJCCE library
- Nirmalya Collection during Ganesh Visarjan
- Engineering awareness and digital India awareness for polytechnic students
- Mock test for MHCET and JEE FOR 12th Students
- Guidance to morning walkers-Sunstroke Awareness
- Jaga ani Jagu Dya Campaign
- Quiz on Covid Awareness
- Institute has conducted lectures in villages for increasing

their environmental and ethical awareness. Institute has also tested the quality of drinking water available in these villages.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

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

PJLCE has organized many activities to sensitize students and employees to the constitutional obligation: Values, Rights, Duties and responsibilities of the citizens.

<https://pjlce.edu.in/assets/iqac/links/Anual-Report-Events-Activities-at-PJLCE-2020-22.pdf>

Every year, on Republic day and Independence Day, HEI appeals to all to remember the struggle of freedom and respect the National Flag and National Anthem. Our constitution provides for human dignity, equality, social justice, human rights and freedom, rule of law, equity and respect and superiority of constitution in the national life. The whole country is governed on the basis of the rights and duties preserved in the Constitution of India. Every year Republic day is Celebrated on 26th Jan by organizing activities highlighting the importance of Indian Constitution. Independence Day is also celebrated every year to highlight the struggle of freedom and importance of Indian constitution.

Priyadarshini J.L. College of Engineering is affiliated to Rashtrasant Tukdoji Maharaj Nagpur University and its curriculum is prescribed by university. In the university curriculum there are some subjects that help in inculcating moral values and social values in the students. Additionally, our institute is taking an initiative in which some topics related to Human values and Professional Ethics are taught in extra in the subject Ethical Science of II semester.

The annual cultural fest is also promoting the awareness towards rights and duties of citizens where Skits, Dances, Poetry, singing

etc are based on such themes.

- Celebration of Republic Day
- Celebration of Independence Day
- Saraswati Poojan
- Ganesh Festival
- Samvidhan Rally Day
- Celebration of Engineers Day
- Celebration of Lokmanya Tilak Punyatithi
- Celebration of Librarian Day
- Celebration of Teachers Day
- International Day of Non-Violence (Gandhi Jayanti)
- Celebration of Womens Day
- Celebration of Environmental Day
- Human Rights Awareness Program
- Celebration of National Sports Day
- Voter's Pledge
- Reading of Preamble of Constitution
- Celebration of Dr. B.R. Ambedkar Remembrance Day
- Celebration of National Science Day
- Celebration of World Heritage Day
- Celebration of Kisan Diwas
- Celebration of Sadbhawana Diwas
- World Peace Day
- National Integration Day (Rashtriya Ekta Diwas)
- World Humanitarian Day
- Anti Drug Day
- Swachha Bharat pledge program
- World No Tobacco Day

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	No File Uploaded

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4.

A. All of the above

Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	No File Uploaded

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

PJLCE makes tremendous efforts in celebrating the national and international days, events and festivals throughout the year. The celebrations and awareness campaigns conducted in the academic year 2020-21 is as follows:

- Celebration of Republic Day
- Celebration of Independence Day
- Saraswati Poojan
- Ganesh Festival
- Samvidhan Rally Day
- Celebration of Engineers Day
- Celebration of Lokmanya Tilak Punyatithi
- Celebration of Librarian Day
- Celebration of Teachers Day
- International Day of Non-Violence (Gandhi Jayanti)
- Celebration of Womens Day
- Celebration of Environmental Day
- Human Rights Awareness Program
- Celebration of National Sports Day
- Voter's Pledge
- Reading of Preamble of Constitution
- Celebration of Dr. B.R. Ambedkar Remembrance Day
- Celebration of National Science Day
- Celebration of World Heritage Day
- Celebration of Kisan Diwas
- Celebration of Sadbhawana Diwas
- World Peace Day
- National Integration Day (Rashtriya Ekta Diwas)

- World Humanitrian Day
- Anti Drug Day
- Swachha Bharat pledge program
- Word No Tobacco Day

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Best Practices

Best Practices I

1. Title of the Practice: "Systematic Academic Monitoring of Students."

Goal: The goal of this practice is to identify academically slow learners and the reasons for their poor performance. After identification of the weakness appropriate remedial actions are taken to address the problems.

Best Practice II:

Title of the Practice: "Practical Exposure and 360 degree development of the students"

Goal: The goal of this practice is to give practical exposure to students and 360 degreedevlopment of the students.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	No File Uploaded

7.3 - Institutional Distinctiveness

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

Vision of the institution is to produce engineers who are socially responsible professionally competent to face the global challenges ahead. Goals and objectives of Institution are to ensure all-round development of students by providing co curricular, extracurricular activities, to develop engineering professionals having ethical values, skills competencies, to develop leadership qualities and the ability to work as a team among students by encouraging participation in various activities and To fulfill the need of society industries by promoting research culture. The institution stands apart from all other colleges by placing greater emphasis on producing professional students by providing value based education and enabling the students to face challenges in modern life. The institute aims at instilling a sense of self-discipline and accountability among students and developing a respect for democratic, ethical, and moral values. The college provides the best amenities required for students to enhance their Technical skills, Academics, and Extracurricular activities and brings out the best in them. Every department is having their own student forum. The Main objective is to nurture and develop an industry ready candidate. The placement cell is an integral part of our institution, ensures that the students are well trained and prepared to face their campus interviews effectively. The Placement cell has adopted an effective communication system LAKSHYA to keep the students informed about potential job opportunities and guide them from time to time. Training is imparted to the students from their first year in soft skills. Students get exposed to soft skills and technical skills from their second year, for which special training program is organized in college as "CRT", in which various activities performed to improve their hidden skills. As well as specific slot for the soft skill training is provided in regular academic time table slots in first year and second year. Skill enhancement capsule involves industry experts visiting the campus, interacting with students, guiding mentoring them to develop their skills. College organized intercollegiate project competition to give appreciation to students for their work. Institute always takes initiative for educational tour for students as we know the importance of practical knowledge. College performs the various activity for the placement of students. Institute initiated various job driven courses such as Fundamentals of python programming, advanced programming skills, Hands on Embedded C and 8051 embedded system, Stadd pro and signed MOUs with industries and increased industry engagement with students. Such

activities uniquely groom students and prepare them for their corporate journey.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

Long term Goal of the Institute

- To get permanent affiliation from university.
- To get university sponsored research centre.
- To promote R&D activities by joint collaborative R&D projects.
- To get accreditation of programmes by NBA

Short term Goal of the Institute

- To acquire academic autonomy
- Strengthening Activity based learning.
- To provide students comprehensive education by organizing more number of programs for local community and more number of Lab to Land projects.
- To acquire better indexing of Institute Journal -International journal (International journal of Emerging Trends in Engineering and Basic Sciences(IJEEBS))
- To strengthen alumni interaction with mentoring scheme