



Yearly Status Report - 2019-2020

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 own campus	Yes
Phone no/Alternate Phone no.	07122712490
Mobile no.	9822362306
Registered Email	principaljlcce@gmail.com
Alternate Email	abhayshende3@gmail.com
Address	846, New Nandanvan
City/Town	Nagpur
State/UT	Maharashtra
Pincode	440009

2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Urban
Financial Status	private
Name of the IQAC co-ordinator/Director	Mrs. A. D. Kadam
Phone no/Alternate Phone no.	07122712490
Mobile no.	9423456636
Registered Email	anjalikadam.d@gmail.com
Alternate Email	anjalidkadam@rediffmail.com

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	_https://www.pjlce.edu.in/assets/igac/AQAR-2018-19.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.pjlce.edu.in/assets/igac/Academic%20Calender%202019-20.pdf

5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.04	2017	27-Nov-2017	26-Nov-2022

6. Date of Establishment of IQAC	13-Jun-2016
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Various academic and	01-Jul-2019	927

administrative initiatives	365	
IQAC Collected Feedback, analysed and action taken report prepared from all stakeholders from all stakeholders	02-Mar-2020 5	1123
IQAC Conducted Academic Audit	04-Mar-2020 5	20
IQAC conducted 4 meetings	15-Jun-2019 4	22
Submitted AQAR of previous year to NAAC	24-Oct-2019 365	22
ISO Certification	15-Feb-2020 210	22
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
nil	nil	nil	2020 0	0
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

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10. Number of IQAC meetings held during the year :

4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

Significant contributions made by IQAC during the current year 1. Institute received NAAC Accreditation for Five years with Grade A. 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 nonteaching staff. 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 was also carried out. 2.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 RD 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. 3.Upgradation of lab Equipment to meet the advanced technology across the Departments. Improved ICT facilities for students. Improvements in the library services. 4.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. 5.Initiative towards faculty development programme and Student 360 degree developmentDepartments were notified to conduct certificate courses,Addoncourses, 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, Genderequity programmes, Various Seminar, Workshops and expert talks were organized. Faculty members are encouraged to attend training programmes .In house training for skill upgradation of non teaching staff was organized.

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

Plan of Action	Achivements/Outcomes
Curriculum Enrichment and Linkages	Social initiatives such as "Hackhathon - Mayor Innovation " participation. Strengthen collaboration with Industry & Research Institute. MoUs signed and activities conducted
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,Awards to faculty and students by Mayor

	council, NMC, Nagpur, Award by Dr. Babasaheb Ambedkar National Association for Engineers, Best emerging engineering college 2019 award by Times of India, Excellence college Award- 2019 by Sakal Group.
Knowledge Club	Presentation and Discussion on Published Research Paper, Paper publication & collaborations were encouraged
Fulfilling Social Responsibility	Gender Equity Programmes, code of conduct handbook for stakeholders, Human Values and Professional Ethics programmes, promotion of universal values, Celebrates national and international commemorative days, events and festivals
Minimizing Environment degradation	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 (Vermi Compost), E-waste Management disposal (MoU with EcoCentric), 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
Development Programs	Capability Enhancement Program, Certificate Courses, Value Added Courses Bridge courses, Workshops, Various Field and Industrial visits, Guest lectures, Professional Development Programmes organised and attended also, Extension/Outreach Activity, Best practices implemented
Digitization	MIS modules, Mobile App by Library, Online MCQ for Students, All the departments are equipped with Eresources i.e. Wall mounted LCDs projectors, Laptop Encourage elearning, Increase ICT content in teaching learning and other areas at Institutional functions. Teaching methods like Virtual classroom, Simulation teaching, NPTEL, SWAYAM courses etc.

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body

Meeting Date

College Development Committee

13-Jun-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

16-Dec-2019

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

Modules on ERPMIS have the following Modules: 1. Academic Module This module includes Tentative teaching plan Executed Teaching Plan Filling the Attendance Uploading subject notes, Assignments, and etc. 2. Salary Module This module calculates the no of working days of employee and generates salary accordingly. 3. Leave Module This Module is link with the thumb machine.4. Account Module This module monitoring the accountability of students as well as for faculties. Operational Modules Institute actively uses online source of operations ERP system. In academics, used for Teaching plan, Student Attendance, Academic Report (Faculty HOD).For salary and leave, Playbooks are used to prepare salary and upload salary slips. It keeps the track of all personnel details of employees. Institute maintains its website <http://www.pjlce.edu.in> to communicate its philosophy and updates to external stakeholders. Administration Institute uses online source of operations,ERP system for Faculty leaves, Faculty attendance, Stock Verification, Complaint Management, OPAC link. The administrative activities involve

maintenance of infrastructure, upkeep of the flora and fauna of the estate and administrative issues. Finance and Accounts The Institute has already taken various steps for implementation of EGovernance in Finance Accounts and uses online source of operations, ERP system for admission Procedure, fees, online payment of fees . Student Admission and Support Institute provide support to students from entry to exit in various forms. In order to keep a regular connect among the PJLCE Campus, the placements team utilizes various online platforms .The team also utilizes the capabilities of MSOffice Suite to suitably provide Alumni Database Examination For effective conduct of examination, online platform is used to upload quiz test, schedule exam and conduct.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The curriculum of every program is meticulously crafted to address the specific issues like enhancing the skills, employability, leadership qualities, decision making caliber and problem solving attitude. Course of action is taken for continual improvement Curriculum delivery Planning and Implementation • 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, Pro-gram 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

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Green Building	Nil	16/12/2019	30	Yes	Green building
Auto-cad	Nil	03/02/2020	15	Yes	Auto-cad
Automation in Industry	Nil	05/08/2019	6	Yes	Basics of PLC and SCADA
Rooftop Solar system	Nil	03/02/2020	6	Yes	Basics of Solar Installation
Course on Arduino	Nil	22/07/2019	6	Yes	Programming
Nil	Course on Mechatronics	02/08/2019	29	Yes	Basics of Robotics
Nil	Course on DSP Processor	06/09/2019	22	Yes	Study of different DSP Processor
Hands on MATLAB	Nil	23/12/2020	6	Yes	Basic programming MATLAB Tools
PCB designing	Nil	06/01/2020	6	Yes	Circuit designing with mini project
Nil	Course on Microelectronics	07/02/2020	22	Yes	Basic idea regarding IC fabrication

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	0	Nil
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Computer Science Engineering	15/06/2019
BE	Electronics & Telecommunication	15/06/2019
BE	Electronics Engineering	15/06/2019
BE	Electrical Engineering	15/06/2019
BE	Civil Engineering	15/06/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	572	106

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Course on Handling ETAP software	13/01/2020	20
Fundamentals of Python programming	15/07/2019	52
Micro Electronics	29/10/2019	68
Embedded C and 8051	04/11/2019	56
Embedded Systems 40PID for Communication and Industrial Application	13/01/2020	56
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Computer Science Engineering	125
BE	Electronics & Telecommunication	79
BE	Electronics Engineering	12
BE	Electrical Engineering	124
BE	Civil Engineering	116
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained

Feedback from stakeholders is an important measure for the enrichment of the quality of the curriculum. The institute has a well defined feedback mechanism of feed by the stakeholder's i.e. students, teachers, parents, alumni and industry persons. The suggestion received from these stakeholders is useful for required improvement. It is also useful to identify the curricular gaps and to take measures to bridge it by supplementing the curriculum with add on courses, guest lectures, workshops, seminars, industrial visits, excursion tours etc. Every individual department takes feedback from stakeholders and prepares the action taken report. This report is submitted to the IQAC Coordinator, based on all these suggestions an action taken report is prepared and proper action is taken to address the aspirations of our valued stake holders. Action taken at Institute: All the Heads of the department were advised to monitor plan quality improvement strategies taking into consideration the feedback of all relevant stakeholders. Feedback collected, analysed and action has been taken. Action taken by the Institute Organization of more and more bridge courses, Add on courses and certificate courses to cope up the gap between academics and rapidly changing technologies. The Introduction of the courses are recommended and approved by the Advisory Boards of the department. Students are encouraged and motivated to undergo Internship and Field projects. Students were motivated to take industry based projects. Heads of the Department are advised to organize workshops, seminars and guest lectures by Industry person on recent trends and advances in technologies. Teachers and students were encouraged to undertake more and more Virtual labs, Swayam, MOOC and NPTEL courses. Topics beyond syllabus were added in teaching plan. To improve the Interaction between Academia and Industry, MoUs were signed with various Industries sector were increased. More and more training and placement sessions were conducted viz. Lakshya, Campus to Corporate, Campus Recruitment Training. This action taken Report is put in the meeting of College Development Committee for approval. Action taken related to Curriculum Revision: Curriculum of Undergraduate programs was revised from 2012-13 to 15-16 progressively (From 1st year to final year). The contribution of the institution in the design and development of the curriculum prepared by the university is based on the feedback received from the stakeholders. Many faculty members have contributed in syllabus framing workshops. They have communicated the curricular gaps to the Board of studies to bring changes as a reference for the next curriculum revision. Some faculty members have framed the new syllabus which has been sent to the respective chairman of respective Board of Studies. Subject Focus Group is formed which comprise of course teachers of concerned course and industry experts. Opinion is generated, analyzed and suggestions with regard to curriculum reform are communicated to the respective Board of Studies of Engineering. The process of Implementation of the new scheme and syllabus is going on from the University.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Computer Science & Engineering	60	Nil	60
BE	Electronics & Telecommunication	60	Nil	30
BE	Electrical Engineering	60	Nil	8
BE	Civil Engineering	60	Nil	14

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	847	Nil	71	Nil	Nil

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
71	71	13	15	15	13

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The Institute provides regular mentoring to the students to address the issues related to their academic, personal as well as career awareness. Teacher Student mentoring scheme commonly referred as Teacher Guardian scheme has been introduced with a view to impact personal touch to students in the process of learning at college level. It enables the students to understand the needs of the curriculum, to develop healthy interpersonal relations and address the varying requirements of students. It is a noble practice where every teacher acts as a guardian for a group of students. First Year students are specially benefitted as the most as the teachers act as a buffer between the new environments the students hailing from far different backgrounds. The system helps them greatly to get acclimatized to college environment. The teachers take up the responsibility of safeguarding and nurturing the admitted students. In this scheme in which 15 to 20 students are assigned to each faculty member who counsel the students regularly and look after their academic as well as career related issues. A teacher-Guardian scheme File is maintained for each student by the faculty, where details like, Personal Information, Previous Record, Academic Performance, Competitive Examination Details, Details of Internship and Industrial Training, paper presentations, Scholarships Received, Co-Curricular and Extra-Curricular activities. Teacher-Guardian meets the students periodically and monitors their performance and their activities.

Guidance regarding the lagging issues is provided. Occasionally teacher-Guardian meeting with the parents is conducted based on the requirement. Any personal problem of the student is also discussed and the student is directed to professional counselors, if required. The parents are always being informed regarding the progress, of the students. One full time counselor is available in the college. The students are at liberty to approach any of them for help and guidance. The students are not pressurized in choosing the elective subjects. The teacher guardian interacts with all the allotted students regularly and tries to identify the personal problems of the students. For this the students are made comfortable by providing a friendly environment so that they can share their personal problems with the parent teacher. The teacher concerned is very supportive in guiding them to solve their problems. The candidates at times come face to face with certain social issues or problems which tend to bring the inferiority complex in them. The teachers make it sure that no such deterioration happens with the psycho social understanding of the students. They are counseled to become better human beings and advised to stand tall for the social cause. This mentoring system in the College is very effective for the development of the students. Apart from teacher guardian a Scheme, Career counseling responsibility is shouldered by Soft Skills Trainer and Training and Placement Department as well as department itself. Students are guided and counseled by class incharge and Head of the department on academic and career prospects. Professional Guidance by Soft Skills Trainer and Training and Placement Department as well as department also provided as follows- 1. The Institute has a separate cell for Professional guidance and has knowledgeable -Human resources who offer guidance to the prospective professionals in addition to the classroom teaching. Expert lectures are also arranged in coordination with the departments to guide the students. 2. The Institute also has Industry-institute Interaction cell and Entrepreneurship development cell to guide the students. 3. The Training and Placement cell has been active not only in arranging campus recruitment drives, but also offering awareness and training for the students. 4. The Campus Recruitment Training program is conducted every year by the Training and placement department of the college by the reputed training organization. 5. The Training and Placement cell in coordination with departments organize the Mock Aptitude and Reasoning Test (MART) for the students to enhance their aptitude and reasoning ability which helps them for the selection in Campus Recruitment drives by the various reputed companies/ Industries conducted at home college or other colleges. 6. The expert lecturers on Carrier Guidance for exams like GRE , TOEFL ,GATE etc. The mentoring system developed by the college has been proved to be effective considering different parameters. 2. The involvement of students in the academics has been increased, like class work attendance, paper presentations, presentation of models in exhibitions, participation in cultural activities etc. 3. Because the number of students allocated to each of the mentor is limited to 15 to 20, personal interaction on regular basis has been taken up. 4. Teachers are also becoming more responsive to the learner needs day by day which is being reflected in the Teacher – Guardian file maintained by the teacher

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
847	71	1:12

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
71	71	Nil	71	11

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr.V.P.Balpande	Associate Professor	Hackathon 2.0,Mayor Innovation Award , NMC Nagpur
2019	Dr. P. B .Pokle	Assistant Professor	Hackathon 2.0,Mayor Innovation Award ,

			NMC Nagpur
2019	Mr. A. M. Mendhe	Assistant Professor	Hackathon 2.0, Mayor Innovation Award , NMC Nagpur
2019	Mr. M. G. Pathan	Assistant Professor	Hackathon 2.0, Mayor Innovation Award , NMC Nagpur
2019	Mr. R. N. Jogekar	Assistant Professor	Hackathon 2.0, Mayor Innovation Award , NMC Nagpur
2019	Mr. P. M. Meshram	Assistant Professor	Hackathon 2.0, Mayor Innovation Award , NMC Nagpur
2019	Mr. P. M. Meshram	Assistant Professor	Babasaheb Ambedkar National Associations for Engineers.
2019	Mr. A. P. Mohod	Assistant Professor	Hackathon 2.0, Mayor Innovation Award , NMC Nagpur
2019	Mr. C. S. Gode	Assistant Professor	Hackathon 2.0, Mayor Innovation Award , NMC Nagpur
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	BE CSE	VIII	25/03/2020	15/05/2020
BE	BE ETE	VIII	25/03/2020	15/05/2020
BE	BE ELECT	VIII	25/03/2020	15/05/2020
BE	BE CV	VIII	25/03/2020	15/05/2020
BE	BE EN	VIII	25/03/2020	15/05/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

For effective continues evaluation process the institute focus on taking formative and summative assessment. Summative Assessment through University Examination-Theory Examination, External Practical Examination. Formative Assessment such as- • Class Test 1 and Class Test 2 • Sessional Examinations • Continuous Evaluation of Practical • Assignments, Quiz, Seminar, Practical

Examinations, Comprehension, Open Book Assignment, and Oral Tests etc. • Transparency in Evaluation System such as Project evaluation by experts etc. • Teacher-Student-Parent communication The institute has taken following efforts to improve the Continuous Internal evaluation process at the institute and Department level-

- Class Assessment Test-I (CAT-I), Class Assessment Test-II (CAT-II) conducted once in the session.
- Sessional Examination is conducted once at end of the session based on University exam pattern. Question paper format is similar to the university examination
- Practical Examination- Internal Practical Examination is conducted at end of the session based on University exam pattern at department level.
- Two Assignments are given in a semester.
- Unit wise question banks are provided for all subjects. The question bank is moderated by faculty members of respective subject groups at department level.
- Assignments, Quiz, Seminar, Practical Examinations, Comprehension, Open Book Assignment, and Oral Tests are also considered for Teacher Assessment. Student can appear for Re-test who missed anyone of the tests because of any valid reasons, after scrutinizing the genuineness of the reason for absence. After the first test (Test one) each staff meets the students who scores less marks and they are counseled and given remedial coaching. The course teacher of each subject distributes the valued end semester answer scripts to the students for their scrutiny. Students are given the chance to clarify with the staff if they have any doubt regarding the mark allotment. Transparency in Evaluation System
- A general thrust is given on the external element in the end semester examinations, such as external paper setters, moderators of the question papers and evaluators of the answer scripts. Three sets of question papers are prepared by different faculty members, which are moderated by faculty members of respective subject groups at central level. The paper setter has to submit a scheme of valuation with each set of paper.
- After moderation of question papers, the Moderation committee handovers the papers to printing Committee. Printing committee handovers the required number of copies of question papers to the Exam Incharge one hour before the scheduled time of the paper.
- Model Answers and marking scheme is prepared by every subject teacher before valuation.
- Sample answer sheets are moderated
- Evaluation of Practical Examination is done based on different parameters like Teachers Assessment, Practical Records , VivaVoce and performance
- Project evaluation by experts
- Assignments are evaluated by the respective subject teachers. Proper remarks are mentioned on assignment copies.
- Results of Class Assessment Test and Sessional Examination are declared within two days from end of exam. Compiled marks are displayed and communicated to students and parents.
- Final Internal Marks: Final Internal Marks which comprises teacher assessment, CAT1, CAT2, Assignments and sessional exam marks are displayed and communicated to students as per the schedule. Outcome
- There is increased self reliance on the part of the students in respect of schedule, evaluation and performance improvement.
- Students have the opportunity to discuss their answers through all accepted tools of internal evaluation. This has added to reliability and also transparency of the system. Action for improvement for next session-
- Result analysis of University exam also done and accordingly planning and implementation for improvement

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

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.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://www.pjlce.edu.in/com_science_dep

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
BE CSE	BE	Computer Science and Engineering	64	59	92
BE ETE	BE	Elect. & Telecommunication Engineering	53	46	87
BE ELECT	BE	Electronics Engineering	10	8	80
BE CV	BE	Electrical Engineering	62	62	100
BE EN	BE	Civil Engineering	64	52	81

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://www.pjlce.edu.in/assets/igac/Student-satisfaction-survey-2019-20.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year

Students Research Projects (Other than compulsory by the University)	182	PJLCE, Nagpur	0.6	0.6
Interdisciplinary Projects	182	PJLCE, Nagpur	0.6	0.6
Industry sponsored Projects	182	Network Hub	0.2	0.2
Industry sponsored Projects	182	Webakruti S/W Pvt.Ltd.	0.2	0.2
Industry sponsored Projects	182	Anant Ultra Lab, Ghazibad	0.2	0.2
Industry sponsored Projects	182	Electus Technology	0.2	0.2
Industry sponsored Projects	182	Modern Arch Infra, Nagpur	0.2	0.2
Industry sponsored Projects	182	EMF Electric	0.2	0.2
Industry sponsored Projects	182	PJLCE, Nagpur	0.2	0.2
Students Research Projects (Other than compulsory by the University)	182	PJLCE, Nagpur	0.6	0.6
View File				

3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
"Advancement in air pollution monitoring by remote sensing"	Civil Engineering	30/07/2019
"Building Information Model"	Civil Engineering	07/08/2019
"Introduction to Off Shore Design amp Installation"	Civil Engineering	24/08/2020
"Dimensional amp Model Analysis	Civil Engineering	12/09/2020

"GIS Software"	Civil Engineering	20/09/2020
"Robotic Surgery and Marvel of Engineering "	Civil Engineering	03/01/2020
"Career Prospect After Graduation "	Civil Engineering	06/01/2020
"Introduction to Civil Engineering Softwares like AutoCad, Rivet, Staddpro,Civil 3D "	Civil Engineering	15/02/2020
" Corporate Hiring Trend Post Covid 19"	Electronics Telecommunication Engineering	23/05/2020
Artificial Intelligence and Neural Networks	Electronics Telecommunication Engineering	29/05/2020
"Role of electronics Engineers in Building India :- Post Covid-19"	Electronics Telecommunication Engineering	11/06/2020
How to be an Enterprenuer in Electrical Erectoin, Commisioning Relative Job Oppurtunities	Electrical Engineering	10/02/2020
Seminar on Robotics and Technology	Electrical Engineering	24/01/2020
Two Days Workshop on Vehicle wiring and Harshing	Electrical Engineering	17/01/2020
Career Opportunities in US and Canada	Computer Science Engineering	22/02/2020
Hands on PHP and Web Development	Computer Science Engineering	09/07/2019
Business Intelligence (BI) with Exce	Computer Science Engineering	28/08/2019
A One day Workshop on Patenting and Copyright Protection	Computer Science Engineering	08/11/2019
Workshop on Machine Learning	Computer Science Engineering	02/08/2019
Guest Lecture on "Database Technology"	Computer Science Engineering	20/07/2019
Workshop on "Basic Python and K-Means Clustering"	Computer Science Engineering	28/12/2019
Workshop on "FUTURE TECHNOLOGY IN AI"	Computer Science Engineering	07/01/2020
One day Workshop on "Google Assistant"	Computer Science Engineering	10/08/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
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project on Pervious concrete	Himanshu devikar	Mayor innovation Council, NMC, Nagpur	12/09/2019	Best Project Award
project on Pervious concrete	Prateek Dadudure	Mayor innovation Council, NMC, Nagpur	12/09/2019	Best Project Award
project on Pervious concrete	Aakash lanjewar	Mayor innovation Council, NMC, Nagpur	12/09/2019	Best Project Award
project on Pervious concrete	Satish Gabhane	Mayor innovation Council, NMC, Nagpur	12/09/2020	Best Project Award
project on Pervious concrete	Virendra Damaye	Mayor innovation Council, NMC, Nagpur	12/09/2019	Best Project Award
project on Pervious concrete	Sachin Yadav	Mayor innovation Council, NMC, Nagpur	12/09/2019	Best Project Award
Project on Secure Me	Swapnil Challani	Mayor innovation Council, NMC, Nagpur	12/09/2019	Best Project Award
Project in CSE	Ashwini Bodhkar	Mayor innovation Council, NMC, Nagpur	23/08/2019	Best Project Award
Project in CSE	Laboni Bera	Mayor innovation Council, NMC, Nagpur	23/08/2019	Best Project Award
View File				

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
Priyadarshini J.L. College of Engineering	Electronics Telecommunication Engineering	Priyadarshini J.L. College of Engineering	Projects in ETC	Porotypes	03/06/2019
Priyadarshini J.L. College of Engineering	Civil Engineering	Priyadarshini J.L. College of Engineering	Projects in Civil Engineering	Porotypes	03/06/2019
Priyadarshini J.L.	Electrical Engineering	Priyadarshini J.L.	Projects in	Commercial as well as	03/06/2019

College of Engineering		College of Engineering	Electrical Engineering	Industrial Areas	
Priyadarshini J.L. College of Engineering	Computer Science Engineering	Priyadarshini J.L. College of Engineering	Projects in CSE	Programming	03/06/2019
View File					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	1	72

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
0	Nil

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Computer Science Engineering	17	5
International	Electronics Telecommunication Engineering	25	2
International	Civil Engineering	3	2
International	Electrical Engineering	6	2
International	First Year	19	7
National	First Year	1	Nil
View File			

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
First Year	22
Electrical Engineering	2
Civil Engineering	3
Electronics Telecommunication Engineering	25
Computer Science Engineering	17
View File	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
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Nil	Nil	Nil	2019	Nil	Nil	Nil
View File						

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Analytical Study of Multistory Building(G 5) For Base Shear and Story Shear By Conventional Method And ETAB Software Programme	Shende A.M.	Journal of Adv Research in Dynamical Control Systems	2019	Nil	Nil	Priyadarshini J.L. College of Engineering, Nagpur
View File						

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	6	146	54	42
Presented papers	72	1	Nil	Nil
Resource persons	Nil	Nil	Nil	40
View File				

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Debate on Role of Engineers in pollution control	NSS Unit, PJCCE, Nagpur	5	36
Vyasanmukti Abhiyan	NSS Unit, PJCCE, Nagpur	6	40
Police Raising day	NSS Unit, PJCCE, Nagpur	10	50
Blood Donation	NSS Unit, PJCCE, Nagpur	5	20
Sickle cell anaemia awareness	NSS Unit, PJCCE, Nagpur	5	34

program			
Constitutional Awareness Program	NSS Unit, PJLCE, Nagpur	3	61
Swachh Bharat Abhiyan	NSS Unit, PJLCE, Nagpur	5	39
Tribute to Lokmanya Tilak	NSS Unit, PJLCE, Nagpur	5	35
Introduction to NSS	NSS Unit, PJLCE, Nagpur	3	50
Tree Plantation	NSS Unit, PJLCE, Nagpur	5	40
View File			

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Mayor Innovation Award Hackthon2.0	Award	NMC, Nagpur	256
Programme on Engineers Day	Recognition	Engineers Forum Nagpur	115
Education and Other contribution	Award	Best emerging Engineering College Award by Times of India	927
Education and Other contribution	Award	Excellence College Award by Sakal Group	917
View File			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Extension Activity	PJLCE, Nagpur	Innovative ideas for smart and sustainable development of smart city, NMC, Nagpur	10	265
Extension Activity	Departmental Forum, PJLCE, Nagpur	Workshop on Designing presentation for school teacher	5	63
Extension Activity	Departmental Forum, PJLCE, Nagpur	Workshop on Problem Association for Solving Computing Machinery	5	55

Extension Activity	Departmental Forum, PJLCE, Nagpur	Quiz Competitions -Health Awareness	5	71
Extension Activity	PJLCE, Nagpur	Felicitation of Meritorious students.	40	666
Extension Activity	PJLCE, Nagpur	Digital Campaign	5	79
Extension Activity	PJLCE, Nagpur	Survey Camp	5	83
Extension Activity	Departmental Forum, PJLCE, Nagpur	Cleanliness Camp	5	85
Extension Activity	PJLCE, Nagpur	Health awareness Rally	5	35
View File				

3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Faculty training for newly recruited faculty-Quest for Best(first session)	21	PJLCE, Nagpur	3
Faculty training for newly recruited faculty-Quest for Best(II Session)	21	PJLCE, Nagpur	3
One day workshop for faculties- Approaches to teaching and Research in Engineering profession	60	PJLCE, Nagpur	1
Industry visit and interaction	611	PJLCE, Nagpur	Nil
View File			

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Workshop	Interactive Session on	IEI, Nagpur Local Center	14/09/2019	14/09/2019	60

	"Linkages between Engineering Institutions and The Institution of Engineers (India)-Oppo rtunities and Benefits"				
Industrial Visit	Industrial Visit	Lokmat Media Pvt.Ltd., Butibori	26/02/2020	26/02/2020	41
workshop	State level Quiz Contest	BANAE, Nagpur	18/02/2020	18/02/2020	42
Project work	project work Analysis of flat slabon	RG Associates, Nagpur	10/08/2019	20/06/2020	8
Project work	project work onCondition assessment of buildings in Police Colony	P T Mase Associates, Nagpur	10/08/2019	20/06/2020	6
case study	Case study of Lithely Arch Bridge	Modern Arch Infra, Nagpur	10/08/2019	20/06/2020	7
Project work	project work onGeneration of renewable energy and organic manure from Food industry waste	Surya Environtech, Nagpur	10/08/2019	20/06/2020	7
Internship	Tech Support	Railway Locoshed, Ajni	10/08/2019	20/06/2020	7
Internship	Tech Support	MSEDCL	10/08/2019	20/06/2020	7
Internship	Tech Support	ETE Services Pvt. Ltd. Nagpur	01/12/2019	28/12/2019	6
View File					

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate

houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
ICEICOTechnologies Pvt. Ltd.	22/10/2019	Fulfil the gap between company and academic	192
Modern Arch Infrastructure Nagpur	02/01/2019	Fulfil the gap between company and academic	12
LIVEWIRE	11/07/2019	Fulfil the gap between company and academic	256

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
12	8

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Classrooms with Wi-Fi OR LAN	Existing

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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
KOHA	Partially	18.11.03.000	2008

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	14000	487612	1752	5487522	15752	5975134
	370	146103	Nil	Nil	370	146103

Total	475	10	130	1	60	10	350	130	25
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4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

130 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Lecture Capturing System	https://www.youtube.com/watch?v=blKtouw7HEI
Lecture Capturing System	https://www.youtube.com/watch?v=io_6nxW2OpM&t=16s
Lecture Capturing System	https://www.youtube.com/watch?v=0xtoYGMrZKc&t=27s
Lecture Capturing System	https://www.youtube.com/watch?v=UatL3Mfy-R4
Lecture Capturing System	https://www.youtube.com/watch?v=8qjab7Z95J8
Lecture Capturing System	https://www.youtube.com/watch?v=EJ3GJ6wvTZk
Lecture Capturing System	https://www.youtube.com/watch?v=W7dJ7xgcXcw
Lecture Capturing System	https://youtu.be/4f5KhgUCOVk
Lecture Capturing System	https://youtu.be/xJ-x3WmpjrQ
Lecture Capturing System	https://youtu.be/AqOwn4-NuNg
Lecture Capturing System	https://youtu.be/7Ekievc0MCK

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
12	8	3.5	3.5

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

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.

<https://www.pjlce.edu.in/assets/igac/Policy-Infrastructure-maint-2019-20.pdf>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Economically weaker section	350	5500000
Financial Support from Other Sources			
a) National	MHGOVT	739	42669968
b) International	Nil	Nil	Nil
View File			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Celebration Of international Yoga day	21/06/2019	556	PJLCE, Nagpur

Remedial coaching	01/07/2019	272	PJLCE, Nagpur
Language Lab- Symposium on "Presentation Skills	03/08/2019	109	Department of Humanities, PJLCE, Nagpur
Mock drives - CV drives-7th sem students	01/07/2019	251	HRD Department LTJSS, Nagpur
LAKSHYA workshop (LKSH)-7th Sem Students	01/07/2019	251	HRD Department LTJSS, Nagpur
Campus Recruitment Training	01/07/2019	252	HRD Department LTJSS, Nagpur
Campus to Corporate (C2C) To 5th Sem Students	01/07/2019	252	HRD Department LTJSS, Nagpur
Employability Enhancement Training(EET) To 4th Sem Students	01/07/2019	232	HRD Department LTJSS, Nagpur
Soft Skills Training (SST) To I Sem Students	01/07/2019	112	HRD Department LTJSS, Nagpur
Bridge Course-For newly admitted students in college	03/08/2019	112	First year, PJLCE, Nagpur
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Various Schemes for Guidance for competitive Examinations	735	Nil	10	Nil
2019	Various Schemes for Guidance for Career Counseling like soft skill training, CRT etc...	Nil	927	Nil	44
View File					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nil	Nil	Nil

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
58	96	44	5	50	68
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	4	B.E	Electronics and Telecommunication Engineering	Nil	MS/MTECH
2019	2	B.E	Electrical Engineering	Nil	M.TECH / MBA
2019	4	B.E	Civil Engineering	Nil	M.Tech
View File					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	23
GRE	2
View File	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Cricket	Institute	280
Volleyball	Institute	48
Badminton	Institute	350
Chess	Institute	110
Caroms	Institute	160
Table tennis	Institute	80
kabbadi	Institute	150

Tug of War	Institute	210
Traditional Day	Institute	358
Treasure Hunt	Institute	70
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Gold Medal	National	1	Nil	Nil	Mr.Nakul Bhojar
2019	Guinness World Record	International	Nil	1	Nil	Ms Bharti Dhote
2019	Guinness World Record	International	Nil	1	Nil	Aishwarya Harke
View File						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

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.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

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.

5.4.2 – No. of enrolled Alumni:

351

5.4.3 – Alumni contribution during the year (in Rupees) :

101200

5.4.4 – Meetings/activities organized by Alumni Association :

1 meet/year

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

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. Example of practicing decentralization and participative management in the Institute Practice I: Institute Level Portfolio Distribution For smooth administrative and academic functioning. Institute formed various committees with clear definition of powers, roles and responsibilities of incharges, in facilitating the decentralization policy. few of them are as IQAC Cell, R D Cell, Placement Cell, NSS Cell, Grievance Redressal Cell, Students Welfare Cell, Antiragging Cell, Women Development Cell, Internal Complaints Committee, Library Committee etc.. Principal nominates incharges on various academic and nonacademic cells and gives them freedom to lead. •Head of the Departments are empowered to lead the department and make plans for academic and other activities, and execute them. •Faculty members are encouraged to develop leadership skills by being incharge of various activities. They are given authority to collaborate with industries and use their expertise for the development of department. Heads are empowered to conduct symposiums and experts talks. •Teaching and non teaching staff are member of various committees which are formed at institutional level. •Student committees are formed for most of the student's activities and they have representation on departmental advisory board, Internal Quality Assurance Cell (IQAC) and various committees at department level. •FORUM for all students' activities are available in each department. Practice I: Internal Exams Conduction CATI, CATII and Sessional Examinations are conducted smoothly. Uniformity is maintained with respect to all formats and question papers. Proper discipline is maintained in all respect. Work gets completed timely with less amount of effort. Sessional examination is conducted in similar manner to that of university examination. So students get fill of environment similar to the environment of final university examination and they get aware of the question paper pattern also. The academic calendar is finalized by Principal, higher engineering coordinator (Academics) ,HoDs and senior faculty members in the beginning of the session , All internal examinations Class Assessment Test -I (CATI), Class Assessment Test-II (CATII), Sessional Examination are conducted at institute level. The schedule of all these examinations is mentioned in the academic calendar. The committee consist of senior faculty required as an Incharge and other faculty as member. It also consist of some teaching faculty members .So this committee includes faculty of all levels.

Committee prepares various formats, Time Table and notices regarding this. They prepare necessary arrangements

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	The Institute is affiliated to R.T.M.Nagpur University. Faculty members of the Institute take active participation in design and development of the curriculum. Many faculty members are on board of studies of the University and many are participating in syllabus reframing workshops which are conducted by the university time to time. Stakeholders feedback and suggestions on curriculum is taken in every session. Based on this feedback, the suggestion received regarding the curriculum are communicated to university and Certificate courses, Add-on Programs, Value added Courses are conducted. Effective implementation of curriculum is ensured by departmental and central academic committee
Teaching and Learning	The institute focuses on enhancing learning experiences through student centric teaching learning processes. following methodologies are adopted 1) Experiential / Field Learning: Through practical conduction, Industrial visits, Internships and training programs students get practical knowledge and get exposure to the latest technologies. 2) Problem Solving Learning: Tutorial classes enhance the problem solving and analytical skill of the students. 3) Collaborative/Participative learning: This includes Group discussion, practical conduction in groups, projects, case studies. Sstudents interact with each other and share their thoughts/ an experience, which enhances student's learning interest. 4) Use of ICT tools : LMS, Google Class room, MOOCs, SWAYAM, NPTEL are used.
Examination and Evaluation	Examination and evaluation is done by the affiliating University. Theory examination and practical/oral examinations are conducted as per University schedule and rules. The Faculty contributes in the examination

work like question paper setting, invigilation of theory examination, examiner and subject experts for paper setting valuation of answer books related to university examination. Whereas for internal Evaluation, Institute have Centralized Examination and Evaluation System. The examination reforms in the Institute, is not merely a technique to improve the evaluation system but to be viewed as an aim at improving the education process itself. Institute fulfills the objectives by 1) Conduction of Centralized Tests-Two centralized Class Assessment Test and a sessional examination per semester are conducted. 2) Transparency in evaluation system. Three sets of question papers are prepared by different faculty members who are moderated at central level. The paper setter submits a scheme of valuation. Evaluation of answer scripts is done at central level and moderated by external teachers.

Research and Development

R D cell constantly motivates the faculty members to prepare and submit the RD proposals to various funding agencies. The institute regularly organize various research Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices / training programs / sensitization programs by experts drawn from eminent research institutes and industries with focus on capacity building in terms of research and imbibing research culture among the staff and students. Institute motivate faculty by awarding Incentive to the teachers who receive recognition/awards. Potential research collaborators are identified and MoUs are signed with them.

Library, ICT and Physical Infrastructure / Instrumentation

Fully automated computerized library facility continuing open accessory/one entry one exit system. Library ensure the efficient utilization of book bank facility by the students. Learning resources such as NPTEL video lectures, Video lectures of IIT Kharagpur, e-books, e-journals are available in the library. Computer labs, Computer browsing centers, with internet facility are accessible to students. All departmental labs are well equipped and available for students and staff.

Campuswide Networking WiFi. Every department has separate departmental library for students and staff. Backup power supply which ensures power supply to the campus almost on a 24 hour basis. The institute regularly increases ICT facilities for classrooms, tutorial rooms and Laboratories. Each faculty is provided Computer for usage for interactive teaching learning process

Human Resource Management

Faculty is felicitated for their academic achievements. For compensation and benefits of the students and the staff, welfare schemes exist in the institute. The institute uses performance evaluation methods for the HR. At the end of every year, performance evaluation of the staff is done by head of the department/section. This is used for deciding promotions and increments. Own performance evaluation is done by the faculty and reports are submitted to the Principal. Support for further research in the form of seed money, sponsorship for attending conferences etc..Laptops and other computational facilities. Insurance for Teaching Support staff

Industry Interaction / Collaboration

In view of sharing technical resources and expertise, MOUs are signed with companies. Industry Internship programs, industry designed certification courses and Industrial training during vacation are made available for the students to derive the benefit of industry culture. Orientation programs are conducted for the students and guest lectures by the Industry experts. Alumni placed in the industries are invited for informal dialogue with the students. Some of the projects undertaken by the students are sponsored by industries. These projects are based on the needs of that industry. Entrepreneurship training workshops are organized for the students. Study tours and visits are regularly conducted for students

Admission of Students

Admission procedure of students is done through a central process conducted by DTE (Directorate of Technical education) wherein students choose an institute as per their requirement by filling up online option form. Institute attaining high academic standards through continuous

improvement in our processes, products services which is obvious through good results in University examinations. The institute maintains this repute by adopting strategies like providing quality infrastructure and facilities, maintaining good training and placement track records. Encouraging extracurricular activities like sports and other arts. Maintaining Ragging free environment and the institute conducts admission process awareness programs, counseling sessions for prospective students.College has got A grade by NAAC.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
<p>Planning and Development</p>	<p>Institute actively uses online source of operations-ERP system. In academics, used for Teaching plan, Student Attendance, Academic Report (Faculty HOD).For salary and leave, Paybooks are used to prepare salary and upload salary slips. It keeps the track of all personnel details of employees.Institute maintains its website http://www.pjlce.edu.in to communicate its philosophy and updates to external stakeholders</p>
<p>Administration</p>	<p>Institute uses online source of operationsERP system for Faculty leaves, Faculty attendance, Stock Stock Verification, Complaint Management,OPAC link.The administrative activities involve maintenance of infrastructure, upkeep of the flora and fauna of the estate and administrative issues.</p>
<p>Finance and Accounts</p>	<p>The Institute has already taken various steps for implementation of EGovernance in Finance Accounts and uses online source of operationsERP system for admission Procedure, fees, online payment of fees .</p>
<p>Student Admission and Support</p>	<p>Institute provides support to students from entry to exit in various forms. There is separate Admission in-charge panel. Re-admission forms are generated through this panel for admission to higher classes. Generated forms appear in students panel. Students submit the filled form from their panel. Admission process of higher classes is followed in this ERP software In order to keep a regular connect among the PJCCE Campus, the</p>

	placements team utilizes various online platforms.
Examination	Internal Marks, Assignment grade entered by faculty members from their respective panel appears in HoD panel. RTM Nagpur University follows online process of examination conduction. For effective conduct of examination, online platform is used to upload quiz test, schedule exam and conduct.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Mrs. A.D.Kadam	International Conference on Green Energy for Sustainable Development (ICGESD-19), Government Polytechnic, Nagpur	NA	2000
2019	Mrs. Rohinee M. Barai	International conference on recent trends and innovation in Engineering, Science Technology (ICRTIEST - 2019) at Poornima University, Jaipur. December 20-21, 2019	NA	2000
2019	Mrs. Rohinee M. Barai	International Conference on new and Renewable Energy Resources for Sustainable Future (ICONRER-2019) Organized by Department of Mechanical Engineering Swami Keshvanand Institute of	NA	2000

		Technolo		
2019	Dr. V. R. Manthena	International Conference on Management Practices, Innovations and Research	NA	Nill
2019	Dr. V. R. Manthena	International Conference on Management Practices, Innovations and Research	Nill	Nill
2019	Dr. Kavita Gour	Chemistry Sustainable Environment.,Mahagrnco ,Nagpur 2019	Nill	Nill
2019	Dr. Pravin Bhad	National conference on Recent advances in Theoretical and computational Mathematics with its application in Science,S.R Bharti Science College, Arni , Dist-Yavatmal , India	Nill	Nill
2020	Dr.V.P.Balpande	1st International Virtual Conference on Integrated Intelligence Enable Networks and Computing Smart Trends in Computing and Communications (Smart Com 2020)Publisher - Institute of Technology Gopeshwar,,Uttarakhand,IndiaSpringer	Nill	Nill
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the	Title of the	From date	To Date	Number of	Number of
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	professional development programme organised for teaching staff	administrative training programme organised for non-teaching staff			participants (Teaching staff)	participants (non-teaching staff)
2020	Webinar on "Aspects of Artificial Intelligence and Machine Learning" by Mr. Vedprakash Bairiya	Nil	13/06/2020	13/06/2020	67	Nil
2019	Workshop on "Google Assistance "	Nil	17/12/2019	18/12/2019	44	Nil
2019	Course on MATLAB Programming	Nil	22/07/2019	22/07/2019	45	Nil
2019	Faculty development program AU TOCAD REVIT MEP	Nil	17/08/2019	17/08/2019	35	Nil
2019	Course on Python Programming	Nil	16/08/2019	16/09/2019	25	Nil
2019	Faculty development program on AI Machine Learning	Nil	14/10/2019	14/10/2019	58	Nil
2019	Nil	Workshop on "Google Assistance "	23/12/2019	23/12/2019	Nil	25
2019	Nil	Computer Awareness Program	16/08/2019	16/08/2019	Nil	20
2019	Nil	Safety norms Laboratory Awareness	14/07/2019	14/07/2019	Nil	20
2020	Nil	workshop on	22/01/2020	22/01/2020	Nil	19

"English Speaking"

[View File](#)

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
STTP on IOT its application in Industry	1	08/06/2020	12/06/2020	5
Five days STTP on "Industry 4.0"	1	08/06/2020	13/06/2020	5
STTP on "Internet of Things(IoT) its Application in Industry	1	05/06/2020	12/06/2020	7
STTP through ICT Mode on How to write Thesis Research Paper	1	22/06/2020	26/06/2020	5
STTP through ICT Mode on NBA Accreditation SAR Preparation	1	15/06/2020	19/06/2020	5
STTP ICT Mode on Development of Laboratory Instruction	1	08/06/2020	12/06/2020	5
STTP Artificial Intelligence	1	15/06/2020	19/06/2020	5
Online STTP Program on Internet of things(IOT) ITs Application in Industry	1	08/06/2020	12/06/2020	5

[View File](#)

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
71	71	6	42

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students

<ul style="list-style-type: none"> • 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. • 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 	<ul style="list-style-type: none"> • Employee Provident Fund (EPF). • Group Insurance Scheme. • 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 Checkup camp 	<ul style="list-style-type: none"> • Special coaching scheme • Personality development scheme • Blood bank facility • Students scholarship • Installment facility for payment of tuition fees • Concession in tuition fees for economically weak students • Felicitation of achievers • Organization of annual sports cultural event • Promote students for participation in technical competitions organized by IITs NITs • Extended hour of library for students • Book facility for students excelled in exam • Students health check up • Book bank scheme • Insurance scheme • Facility of Wi-Fi in campus. •
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6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

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 of 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.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
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LTJSS ,Nagpur	252000	Students Activity
No file uploaded.		

6.4.3 – Total corpus fund generated

700000

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Faculty members from PCE Nagpur, PIET Nagpur, PIGCE Nagpur	Yes	PJLCE, Nagpur
Administrative	Yes	Financial Audit	Yes	PJLCE, Nagpur

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Institute has a strong connect with the parents at various levels using different communication media. Periodical communication exists between students teachers and parents for sharing of various activities in the college. Parent Teacher meet is organized by each department once in a semester to share the learning performance of the students with their parents. • Organization of expert lecture for student. • Organization of industrial visit. • Feedback on regular basis for betterment of college.
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6.5.3 – Development programmes for support staff (at least three)

Development and training programs are organized by various departments every year. Computer Awareness Program for supporting staff ,Laboratory Awareness for Non teaching Staff ,Training Program on New Practical set up demonstration,Program on"Professional Motivation and Work Ethics" for Non Teaching Staff are organized
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6.5.4 – Post Accreditation initiative(s) (mention at least three)

Planning and preparation for ISO Certification Planning and preparation for Internal/External Audit,Environmental Audit,Green Audit,Energy Audit Faculty encouraged for E-content development Participation in Mayor Hackathon- Innovation program In addition to curriculum delivery, Institute has taken initiatives For skill development of students. Institute has offered different types of add on programs like workshops, hands on training programs, seminars etc conduct of certificate courses, Addoncourses, value added courses, VET programmes, IPR programmes, IndustryAcademia innovative practices, Activities for promotion of universal values, Genderequity programmes, Capability enhancement programmes, Extension and outreach activities, MOUS, linkages, Faculty development programmes, Academic Audit and Green Audit.
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6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Group Discussion on E-Content Development by IQAC Chairman with IQAC coordinator and HODs	16/07/2019	16/07/2019	16/07/2019	7
2019	Group Discussion Dr.Kavita Gour with first year faculty on E-Content Development	17/07/2019	17/07/2019	17/07/2019	19
2019	Group Discussion Dr.Vijaya Balpande with CSE faculty on E-Content Development	17/07/2019	17/07/2019	17/07/2019	12
2019	Group Discussion Dr.P.B.Pokle with ETC/EN faculty on E-Content Development	17/07/2019	17/07/2019	17/07/2019	12
2019	Group Discussion Mohd.Gulfam Pathan with Civil Engg. faculty on E-Content Development	17/07/2019	17/07/2019	17/07/2019	12
2019	Group Discussion Mr.A.M.Mendhe with electrical department on E-Content Development	17/07/2019	17/07/2019	17/07/2019	12
2019	Technical quiz on GATE questions by	30/08/2019	30/08/2019	30/09/2019	200

	CSE department				
2019	Technical quiz on GATE questions by EN/ETC department	30/08/2019	30/08/2019	30/09/2019	111
2019	Technical quiz on GATE questions by Civil Engineering department	30/08/2019	30/08/2019	30/09/2019	186
2019	Technical quiz on GATE questions by Electrical Engineering department	30/08/2019	30/08/2019	30/09/2019	185
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Celebration of Women's day	08/03/2020	08/03/2020	39	25
Navratri Celebration	18/10/2019	18/10/2019	128	Nil
Demonstration of Sanitary Napkins Unit to the girls students	02/07/2019	02/07/2019	42	Nil
Tarang-various competitions like Mehendi, Rangoli, Nai painting, Art gallery	27/02/2020	28/02/2020	65	Nil
Training on "Eco friendly disposal of Sanitary Napkins Unit"	07/08/2019	07/08/2019	10	Nil
Seminar on "Importance of teaching Gender	16/09/2019	16/09/2019	30	50

Equality"				
Lecture on womens safety	13/12/2019	13/12/2019	60	Nil
Seminar on "Empowering Women through Entrepreneurship Development"	13/01/2020	13/01/2020	55	Nil
Poster making competitions on domestic violence	16/01/2020	16/01/2020	75	Nil
Play on evils of dowry	27/01/2020	27/01/2020	62	Nil
Seminar on "Cyber crime awareness-women oriented issues"	10/02/2020	10/02/2020	80	Nil

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
solar energy plant

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Provision for lift	No	Nil
Ramp/Rails	Yes	Nil
Braille Software/facilities	Yes	Nil
Rest Rooms	Yes	Nil
Scribes for examination	Yes	Nil
Special skill development for differently abled students	Yes	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	15/11/2019	1	Awareness about road	Road Safty	90

					safety		
2019	1	1	10/12/2019	1	Workshop on Digital presentation for school teachers	Computer Knowledge	49
2019	1	1	01/06/2019	365	Employment awareness messages to local community by PJCCE library	Employment Awareness	19
2019	1	1	19/12/2019	1	Tree Plantation	Environment Awareness	52
2019	1	1	17/09/2019	1	Nirmalya Collection during Ganesh Visarjan	Environment Awareness	61
2020	1	1	15/01/2020	1	Engineering awareness and digital India awareness for polytechnic students	Education	31
2020	1	1	01/03/2020	1	Mock test for MHCET and JEE FOR 12th Students	Exam Awareness	203
2020	1	1	28/01/2020	1	Guidance to morning walkers-Sunstroke Awareness	Health Awareness	87
2020	1	1	01/02/2020	1	Jagani Jagu Dya Campaign	Environment Awareness	88
2020	1	1	27/04/2020	30	Quiz on	Health	171

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders	19/10/2019	The code of conduct of the institute provides equal opportunity to all the stake holders of the institute. Every internal as well as external stake holder of the institute shall adhere to such code of conduct. The institute endeavors to adhere to the basic principles of right to education, zero tolerance to gender bias, mutual respect, discipline and maintenance of congenial atmosphere for the pursuit of education. The review is done periodically and modifications are made frequently to make it more inclusive and time tested paving the way for higher standards of morality, corporate governance, accountability, responsibility and overall integrity.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Celebration of Republic Day	26/01/2020	26/01/2020	230
Celebration of Independence Day	15/08/2019	15/08/2019	250
Saraswati Poojan	10/02/2020	10/02/2020	450
Ganesh Festival	19/09/2019	19/09/2019	550
Samvidhan Rally Day	26/11/2020	26/11/2020	546
Celebration of Engineers Day	15/09/2019	15/09/2019	450
Celebration of Lokmanya Tilak Punyatithi	01/08/2019	01/08/2019	256
Celebration of	12/08/2019	12/08/2019	237

Librarian Day			
Celebration of Teachers Day	05/09/2019	05/09/2019	200
International Day of Non-Violence (Gandhi Jayanti)	02/10/2019	02/10/2019	225
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

• Tree Plantation
• Plastic free campus
• Rainwater harvesting
• E-waste Disposal
• Composting of Bio-waste

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

<p>Best Practices I 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.</p> <p>The Practice: Well framed mechanism has been developed for identifying academically slow learners and the reasons for their poor performance. After identification of the weakness appropriate remedial actions are taken to address the problems. Objectives of practice: • To improve subject wise and overall result. • To increase confidence level of students. • To guide students regarding selection of questions based on difficulty level. To give special guidance to students to represent their knowledge with stipulated time period of university examination</p> <p>Best Practice II: Title of the Practice: "Practical Exposure and 360degree development of the students" Goal: The goal of this practice is to give practical exposure to students and 360degree development of the students. The Practice: PJLCEs main thrust is to witness the world of technology and management and to educate, enrich and empower today's youth. 360degree development is demand of time, so, we are committed to transform the students into enlightened young professionals ready to face the challenges of society and Industry. Practical Exposure and 360degree development of the students. Objectives of practice: • To prepare students practically competent to face the real world challenges. • To inculcate in students qualities like Commitment, Self-confidence and comradeship, Building of self esteem.</p>

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://www.pjlce.edu.in/assets/igac/Best%20Practices-2019-20.pdf>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

<p>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</p>
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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. For the same, institute took initiative by participating in "Hackathon Mayor Innovation Awards" to enhance student engagement with Industry experts. Such activities uniquely groom students and prepare them for their corporate journey.

Provide the weblink of the institution

<https://www.pjlce.edu.in/assets/igac/Institutional-dist-2019-20.pdf>

8.Future Plans of Actions for Next Academic Year

- To get permanent affiliation from university.
- To acquire academic autonomy.
- To get university sponsored research centre.
- To promote RD activities by joint collaborative RD projects.
- To impart high quality innovative and Interactive teaching learning process by developing more e-content facility by the faculties.
- To provide students comprehensive education by Organizing more number of programs for local community and more number of Lab to Land projects.
- To Strengthen rapport with industries by discussing with Reviewer of Institute Journal -International journal (International journal of Emerging Trends in Engineering and Basic Sciences(IJEEBS)).
- To fulfill the need of society industries by promoting research culture.
- To focus on development of e-content facility by the faculties.
- To focus on more number of Lab to Land projects.
- To organize more number of programs for local community.