



Yearly Status Report - 2018-2019

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)		http://www.pjlce.edu.in/assets/PJLCE_Nagpur_AQAR_2017_18.pdf			
4. Whether Academic Calendar prepared during the year		Yes			
if yes,whether it is uploaded in the institutional website: Weblink :		http://www.pjlce.edu.in/academic_calendar.php			
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		
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		

National Seminar on Student Centric Learning apart from chalk and talks	24-Jan-2019 1	175
STTP on Next generation wireless network through ICT	16-Jul-2018 5	47
Value Added Course on Fundamental of Python	29-Dec-2018 1	42
Lakshay Soft skill Training Program	15-Jun-2018 3	165
Certified Course on Green building	01-Jan-2019 1	55
Certificate Course on Tools in MATLAB	04-Feb-2019 1	68

8. Provide the list of Special Status conferred 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
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

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)

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

Feedback from the students, teachers and stakeholders are collected. On-line feedback from students was received for making necessary improvement. An Academic audit was carried out by the external experts in all the departments to take stock of the quality delivery of inputs. Green Audit was also carried out.

Created Research Climate in the Institution. Students and faculty were trained through Seminar and Conferences. IQAC motivated research publication. Faculty members are encouraged to pursue doctoral research. Encouraged R&D and Consultancy activities. Faculty members were made aware about Intellectual Property Rights through conferences and workshops. Students are motivated for Industry sponsored projects. Students were motivated to participate in the initiative by Govt. of India Smart India Hackathon, 2017. 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.

Up-gradation of lab Equipment to meet the advanced technology across the Departments. Improved ICT facilities for students. Departments were notified to conduct certificate courses, Add-on-courses, value added courses, VET programmes. Orientation programme, Capability Enhancement programmes conducted for First year students.

Interaction with industries for carrying the activities of Career planning, Guidance, training and placement activities. MOUs were signed up with reputed organizations and industries. 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. Encouragement is given to Students to participate in different events like Sports / NSS activities. Activities for promotion of universal values, Gender-equity programmes, Various Seminar, Workshops and expert talks were organized. Faculty members are encouraged to attend training programmes. In house training for skill up-gradation of non teaching staff was organized.

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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	Achievements/Outcomes
Digitization	Online Feedback System for students Mobile App by Library Online MCQ for Students All the departments are equipped with eresources i.e. Wall mounted LCDs projectors and Laptop Encourage elearning, Increase ICT content in teaching learning other areas at Institutional functions Feedback of teachers was taken without any human interventions
Development Programs	Organization of National Seminar on Student Centric Learning apart from Chalks and Talks in collaboration with

	<p>NAAC ?One week STTP on Next generation wireless networks through ICT with NITTR, HRD. ?Capability Enhancement Program Lakshya2018 soft skills training programme, Digital Marketing, Entrepreneurship Design and Business Thinking, Stress and time management ?Certificate Courses Advanced programming, IC design, Microprocessor interfacing and simulation hands on, Industrial application of Optical fibre techniques, PCB design, Power electronics, SMPS and VSD electronics, Green building audit, Stadd pro, Concrete mix design. ?Value Added Courses Fundamental of Python Programming, Hands on Embedded C and 8051 embedded system, Matlab and Simulink, Remote engineering, Mechatronics, Robotics. Building layout marking hands on. ?Workshops on IPR, Circuit design on PCB, Breadboard circuit design, RF wireless technology, Nodmcu and Arduino programming, Transformer design, Autocad, Solar power plant installation. ?Various Field and Industrial visits. Guest lectures</p>
Minimizing Environment degradation	<p>Decrease use of paper Plastic, ?Sustainable mechanism for solid waste disposal ? efforts for Carbon Neutrality (Vermi Compost) ?Ewaste Management disposal (MoU with EcoCentric) ?Rain water harvesting project Green Audit</p>
Participation from stake holders	<p>Interaction by Principal Heads of Department, ?Strengthen Alumni association increase Alumni student interaction. Alumni Contributed support for the conduct of college festival.</p>
Fulfilling Social Responsibility	<p>Environment Awareness Activity, ?Blood Donation Camp ?Tree plantation ?Sanvidhan Rally ?Swachhata Abhiyan Week ?Debate Competition on Modern India ?International Yoga Day ?Environment Awareness Activity. ?Cleanliness Drive. ?World Water Day ?Road Safety Awareness. ?Socio Technical Activity. ?Constitutional Day Rally Engineer's Day Celebration.</p>
Knowledge Club	<p>Presentation and Discussion on Published Research Paper, Paper publication collaborations were encouraged.</p>
Quality Education	<p>Identification and Remedial classes for slow Learners Advanced Learner,</p>

?Interaction with Heads and faculties of each and every department for maintaining and sustaining quality education as directed by IQAC. ?Award by Engineer's Forum for organising Online Quiz Contest. ?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

Curriculum Enrichment and Linkages

Workshop on Problem Solving in collaboration with ACM, ?Strengthen collaboration with Industry Research Institute. ?Workshop on Problem Solving in collaboration with ACM. ?MoU signed with Jetking Networking and Hardware Institute. MoU signed with Modern Arch. Infrastructure Pvt. Ltd.

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
College Development Committee(CDC)	13-Jun-2018

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

2018

Date of Submission

27-Feb-2018

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 ERPMS have the following Modules : 1. Academic Module This module includes Tentative Teaching plan Executed Teaching Plan Filling the Attendance Uploading subject notes, Assignments, etc. 2. Salary Module This module calculate the no of working days of employee and generate 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. Planning and Development Institute actively uses online source of operationsERP 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. Administration 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. Finance and Accounts 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 . 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 P JLCE 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 and scrupulously crafted to address the specific issues like enhancing the skills, employability, leadership qualities, decision making caliber and problem solving attitude. ?Institute prepares academic calendar before the start of the semester as per the schedule provided by the university. ?PIGCE have adopted Outcome Based Education (OBE) Model. Graduate Attributes (GA), Course Outcomes (COs), Program Objectives (POs), Program Educational Objectives (PEOs) are defined and implemented. Eventually outcomes are mapped with program objectives and further

course of action is taken for continual improvement. 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. 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. Teaching plan is prepared by the teachers well in advance before the start of session which includes course outcomes, course objectives, content topics and reference books. To keep students aware about recent trends in technology, contents beyond syllabus are added in the teaching plan. Head of the Department observes the progress of syllabus coverage fortnightly and submits the academic monitoring report to the Principal to monitor the smooth coverage of syllabus. Principal conducts meetings once in a week with Heads of various departments and Dean Academics to discuss their action plans for effective implementation of curriculum. The Teacher Guardian scheme is implemented to interact with the students to solve their problems and help them regarding educational, socioeconomical and health issues. Every subject in-charge maintain the subject file, which consists of the following: Academic calendar •Teaching scheme of the course •Teaching plan •Assignment sheets •Tutorial sheets •Internal examinations papers and results •University question papers •Result analysis for last three years •Handouts of PPT •Content beyond syllabus. •List of books (Reference and Text) . Continuous Assessment Tests are conducted and result analysis reports are generated to monitor the performance of the students. Remedial classes are also conducted for the slow learners. Performance of the students is communicated to the parents through Parents Teacher Meet. 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 , 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. Feedback collected from the internal and external stake holders are analyzed and proper action is taken to address the aspirations of our valued stake holders.

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
Advance in programming		02/02/2019	90	Employability	Programming Skill
IC Technology		17/12/2018	30	Employability	IC Knowledge
Microprocess or Interfacing and Simulation		24/09/2018	42	Employability	Interfacing Skill
Industrial Application of optical fibre		10/12/2018	30	Employability	Optical Fibre application
PCB Design		25/06/2018	30	Employability	PCB Design

Power Electronics SMPS and VSD Electronics	20/08/2018	42	Employability	Components knowledge and its working
Green Building Audit	01/01/2019	30	Entrepreneurship	Green Audit
Stadd Pro	04/02/2019	30	Entrepreneurship	Stadd Pro
Concrete mix design	11/02/2019	12	Employability	Concrete Designing
Tools in MATLAB and Simulink	04/02/2019	30	Employability	MATLAB and Simulink
2 D Autocad	11/07/2018	30	Entrepreneurship	AUTOCAD Design

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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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 Engineerirng	01/06/2018
BE	Electronics and Telecommunication Engineering	01/06/2018
BE	Electrical Engineering	01/06/2018
BE	Electronics Engineering	01/06/2018
BE	Civil Engineering	01/06/2018

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

	Certificate	Diploma Course
Number of Students	450	0

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
Fundamentas of Python Programming	29/12/2018	91
Micro Electronics	22/12/2018	26
Embedded C and 8051 Embedded Systems	04/06/2018	40

PID for Communication and Industrial Applications	02/12/2018	28
MATLAB and Simulink	11/06/2018	34
Remote Engineering MECKATRONICS and Robotics	02/07/2018	36
Building Layout Marking	15/02/2019	40
Skill Development	10/11/2018	140
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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	16
BE	Civil Engineering	130
BE	Electronics & Telecommunication	113
BE	Electrical Engineering	55
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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
<p>The feedback on curriculum was collected from teachers ,students,alumni and parents. The suggestions were also received from these stakeholders on various parameters.Feedback obtained from parents, Industry Person, Students, Alumni and teachers on curriculum was discussed. 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 requested/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</p>

Corporate, Campus Recruitment Training. Soft skills modules were designed and incorporated in regular time table from first year to final year. Intellectual Property Rights workshop was conducted for the professional growth .

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	54	54
BE	Electronics & Telecommunication	60	39	39
BE	Electrical Engineering	60	44	44
BE	Civil Engineering	60	45	45

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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
2018	973	0	41	0	0

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
60	50	10	5	5	8

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 benefitted the most as the teachers act as a buffer between the new environment 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. First year students are informed by teacher guardian about the scope and nature of the various subjects that form the syllabus. 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 counselled to become better human beings and advised to stand tall for the social cause. 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. Apart from teacher guardian a Scheme College also has the counseling and Testing. Cell which strive to help student and faculty to cope and work towards self understanding and improvement of psychological, academic and interpersonal functioning.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
973	60	16.21

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
48	41	7	0	10

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. A. M. Shende	Principal	Dr. Babasaheb Ambedkar National Association of Engineers
2019	Dr. A. M. Shende	Principal	Engineers Forum Nagpur
2019	Md. Gulfam Pathan	Assistant Professor	NMC Nagpur
2019	Mr. Randhir Bute	Assistant Professor	NMC Nagpur
2019	Mr. Mohan Pidurkar	Assistant Professor	NMC Nagpur
2019	Mr. Yogesh Chintanwar	Assistant Professor	NMC Nagpur
2019	Dr. A. M. Shende	Principal	NMC Nagpur
2019	Mr. Ravindra Jogekar	Assistant Professor	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	BECSE	8	31/03/2019	07/06/2019

BE	BEETE	8	31/03/2019	07/06/2019
BE	BECV	8	31/03/2019	07/06/2019
BE	BEELECT	8	31/03/2019	07/06/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The institute has taken following efforts to improve the Continuous Internal evaluation process at the institute and Department level . 1) Examinations Pattern for Continuous evaluation ?Class Assessment TestI (CATI) which is based on Unit 1 and Unit 2 of syllabus. ?Class Assessment TestII (CATII) which is based on Unit 3 and Unit 4 of syllabus . ?Two Assignments are given in a semester. Assignment1 is based on first 3 units and Assignment2 covers remaining 3 units of syllabus. ?Unit wise question banks are provided for all subjects. The question bank is moderated by faculty members of respective subject groups at department level . ?Sessional Examination is conducted once at end of the session based on University exam pattern which covers complete syllabus. 2) Conduction of Examination Class Assessment Test: Class Assessment TestI (CATI) and Class Assessment TestII (CATII) are conducted at central level. Question papers are moderated by the moderation committee in respective departments. Seating plan is prepared by mixing students of all branches. Sessional Examination: This exam is conducted once at end of the session based on University exam pattern. Question paper format is similar to the university examination. Three sets of question papers are prepared by different faculty members which are moderated by faculty members of respective subject groups at central level. 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. Seating plan is communicated to students and parents through the Whatsapp groups. Practical Examination: Internal Practical Examination is conducted at end of the session based on University exam pattern at department level. 3) Evaluation: Model Answers and marking scheme is prepared by every subject teacher before valuation ?Valuation of Class Assessment Test is done by the respective subject teachers within two days from the exam. ?Valuation of Sessional Examination is done by the respective subject teacher within two days through centralised valuation system. Sample answer sheets are moderated by the external moderator. ?Practical Examination: ?Evaluation of Practical Examination is done based on different parameters like Teachers Assessment, Practical Records , VivaVoce and performance. ?Assignments are evaluated by the respective subject teachers within two days after submission date. Proper remarks are mentioned on assignment copies. 4)Results Declaration: ?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. ?Teacher Assessment: Subject teacher conduct various academic activities like surprise test, objective type test, Technical quiz, open book test etc for assessing the students. ?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.

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

Academic Calender : 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.Academic calendar is 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 Examination 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.

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)

http://www.pjlce.edu.in/civil_engg_dep.php

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
BECSE	BE	Computer Science & Engineering	59	54	91.53
BEETE	BE	Electronics & Telecommunication	71	67	95.63
BECV	BE	Civil Engineering	73	66	90.41
BEELECT	BE	Electrical Engineering	70	60	85.71

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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)

<http://www.pjlce.edu.in/assets/iqac/Student-Satisfaction-Survey-Report-18-19.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
Interdisciplinary Projects	12	PJLCE	0.59	0.59
Industry sponsored Projects	12	Networz Hub	0.5	0.5

Industry sponsored Projects	12	Webakruti Software Pvt. Ltd.	0.7	0.7
Projects sponsored by the University	12	PJLCE	0.41	0.41
Industry sponsored Projects	12	Anant Ultra Lab, Ghaziabad	0.7	0.7
Industry sponsored Projects	12	Electus Tehnology	0.7	0.7
Projects sponsored by the University	12	PJLCE	0.5	0.5
Projects sponsored by the University	12	PJLCE	0.5	0.5
Projects sponsored by the University	12	PJLCE	0.17	0.17
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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
Awareness Workshop on IPR	Computer Science Engineering	02/02/2019
Workshop on MIC and its applications	Electronics and Telecomm. Engg	05/01/2019
Workshops on Robotics	Electronics and Telecomm. Engg	29/12/2018
Workshop on Transformer designtion	Electrical Engg	15/09/2018
Workshop on Autocad Electrical	Electrical Engg	20/08/2018
Workshop on Solar Power Plant Installation	Electrical Engg	26/10/2018
Seminar on Introduction to auto vision technologies	Electrical Engg	18/01/2019
seminar on Water conservation and resourses	Civil Engg	18/08/2018
Seminar on Structural on support	Civil Engg	07/09/2018

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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Digital Crime data clustering and analysis	Pranay Shende, Manish Yadav, Guddi Ramtekekar, Nidhi burde	NMC Nagpur	08/02/2019	Innovation
Road Traffic signal violation detection system	Nakul Bhojar, Laguni bora, Nikhil Kawadkar	PJLCE	22/03/2019	Security
Smart Garbage collection centre	SHEPHALI S. RAKHUNDE, SHRADDHA B. JAGTAP, SHREYA R.GHAVGHAVE, PRIYANKA M. CHIMEGAOKAR	PJLCE	22/03/2019	Smart City
Smart parking system for smart city	NEHA RAJENDRA BAGDE, ARTI GOPALRAO MISAL, MUSKAN S. GAJBHIYE	PJLCE	22/03/2019	Smart City
Analysis and design of air pollution control device	Rechal Chavan, Ankit tasre, Samiksha Kawale	PJLCE	22/03/2019	Environment
Seismic Analysis of RC multistory frame structure and study the effect of shear wall for its optimal location	Indrayani holkar, Rutuza khote, Aarti Bisen, Palash Wanzari	PJLCE	22/03/2019	Civil
Super capacitor based metro train	Vipin titirmare, Aniket Nitnaware, Dhiraj Tembre, Akash mule, Rohit meshram	PJLCE	22/03/2019	Electrical
Synchronizing panel system	Mr. Vaibhav Upare Group	PJLCE	22/03/2019	Electrical
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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
No Data Entered/Not Applicable !!!					
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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	0

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	Electronics Telecommunication	38	4.6
International	Computer Science Engineering	23	3.47
International	Electrical Engineering	20	4.14
International	Civil Engineering	18	5.28

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
Civil Engineering	2
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
Student Council serves the interests of the students by representing student's opinion, promoting social and cultural activities. It acts as the vehicle by which students can participate in	A.M.Mendhe	IJRESM	2019	0	Assistant Professor	0

the decision making processes which affect them by recommending						
Modelling of BLDC motor with ideal back emf for automotive application	D.N.Katole	IJARIE	2019	0	Assistant Professor	0
Minimizing penalty by automatic power factor correction	R.V.Humane	IJRESM	2019	0	Assistant Professor	0
IOT based distribution transformer monitoring and controlling system	S.S.Bhavar kar	IJARIE	2019	0	Assistant Professor	0
Grid Power Generation Using nonconventional Energy Sources	K.M.Kimmat kar	IJARIE	2019	0	Assistant Professor	0
Nano Nickel Aluminates	Dr. G. Wankhede(Gaikwad)	Chemistry Select(Materials Science inc. Nanomaterials Polymers)	2018	120	Assistant Professor	3
Purification of Cr(VI) contaminated Water using FRBAC as Low Cost Adsorbant	Dr. K Gour	Derpharma Chemicals	2018	21	Associate Professor	21
Physicochemical characterization	Dr. K Gour	IJRTEE	2019	2	Associate Professor	2

on of grey water						
Approach to Design of Smart Walking Stick for Visually Impaired People Using Ultrasonic Sensors	Mr. Jayant Hande	JARDCS Journal of Advanced Research in Dynamical and Control Systems	2018	2	Assistant Professor	0
Approach to Design Cardiac, Blood Pressure Body Temperature Monitoring Analyzer	Mr. JY Hande, Mr. SD Kakde, Mr. JD Dorve	Indian Journal of Public Health Research Development	2019	0	Assistant Professor	0
Digital notice board using Raspbery Pi (3b)	Dr. P.B. Pokle	IJARIET	2019	3	Assistant Professor	0
Survey on Arm controller and DTMF tech. based solar grass cutter	Dr. P.B. Pokle	IJSRET	2019	3	Assistant Professor	0
A facile microwave assisted fabrication of Nano Ag ₂ ZrO ₃	Dr. G. Wankhede (Gaikwad)	Environmental progress sustainable Energy	2019	120	Assistant Professor	0
A Study Of Entrepreneurial Attitude Among Management Students Studying Under RTM Nagpur University	Dr. A.D. Sao	APOTHEOSIS	2019	2	Assistant Professor	0
Automobile sector : A	Dr. A.D. Sao	IJARIIE	2019	2	Assistant Professor	0

case Study						
Energy Storage System in Smart Homes of Smart City	M.D.Karalkar	IJITEE	2019	0	Assistant Professor	0
Speaking system for mute, blind and Dumb people	Prof.S.D. Kakde	IJARIIE	2019	1	Assistant Professor	0
SMART IRRIGATION WITH AUTO,MATIC GREEN HOUSE	Prof.S.D. Kakde	IJARIIE	2019	1	Assistant Professor	0
Design of Egg Incubator for various birds using PID controller	Mrs. V.M. Dhumal	Journal of Emerging Trends in Electrical Engg.	2019	1	Assistant Professor	0
Review of Solar and Wind Hybrid Agricultural Automation using IOT	Mrs. V.M. Dhumal	International Journal of advance reserch and innovative ideas in education	2019	1	Assistant Professor	0
Review on Student Bus Safety	Prof.J.A. Shelke	HBRP Publication Pvt. Ltd ,Journal of Advance ment in Communication System	2019	1	Assistant Professor	0
A Review on Home Automation Using Voice Via Bluetooth Through Rasberry PI3	Prof.J.D. Dorve	INTERNATIONAL JOURNAL OF ADVANCE RESEARCH AND INNOVATIVE IDEAS IN EDUCATION	2019	1	Assistant Professor	0
Review Analysis	Prof.J.D. Dorve	International	2019	1	Assistant Professor	0

on Coin ATM For Mobile Charging Using Solar Power		Journal of Scientific Engineering Research (IJSER)				
Comptibility and Integration of Smart Dust With Various Freuencies of electro magnetic Spectrum and Physical systems	Prof.J.D. Dorve	The Spendid Journals	2019	1	Assistant Professor	0
Approach To Design Smart Garbage Dustbin System	Prof.J.Y. Hande	Advancemen t and research in Instrumentation Engineering , (HBRP Publication)	2018	1	Assistant Professor	0
Approach to Design of Smart Walking Stick for Visually Impaired People Using Ultrasonic Sensors	Prof.J.Y. Hande	JARDCS Journal of Advanced Research in Dynamical and Control Systems	2018	2	Assistant Professor	0
Industrial Automation Using IOT	Prof.N.K. Warambhe	Internatio nal Journal of Advanced Research and Innovative Ideas in Education(I JARIE)	2019	1	Assistant Professor	0
Automatic Undrground Cable Fault Detector Using IOT	Prof.N.K. Warambhe	Internatio nal Journal of Advanced Research and Innovative	2019	1	Assistant Professor	0

		Ideas in Education (IJARIE), Vol 15, Issue 2, 201				
Footstep Power Generation System	Prof.S.B. Sahastrabudhe	International Journal of Advance Research and Innovative Ideas in Education (IJARIE)	2019	1	Assistant Professor	0
FLOOR CLEANING ROBOT	Prof.S.B. Sahastrabudhe	International Journal of Advance Research and Innovative Ideas in Education (IJARIE)	2019	1	Assistant Professor	0
Review on Student Bus Safety	Prof.M.G. Satpute	HBRP Publication Pvt. Ltd, Journal of Advancement in Communication System	2019	1	Assistant Professor	0
Smart Parking System with Fare Calculation with LiFi	Prof.M.G. Satpute	HBRP Publication Pvt. Ltd Journal of Advancement Research in Instrumentation Engineering	2019	1	Assistant Professor	0
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
Comparative Study of Energy Analysis On Residential	Md. Gulfam Pathan	International Journal Of Advance Research And	2019	3	0	Assistant Professor

Building In Revit Software		Innovative Ideas In Education				
Partial Replacement Of Fine Aggregates And Cement By Waste Marble PowderA Review	M.D. Pidurkar	Journal Of Construction And Building Material Engineering (MAT Journals)	2019	2	0	Assistant Professor
Experimental Study To Know The Effects Of Hybrid Fibers In Concrete For The Parameters Of Compressive Strength And Flexural Strength By Using Fibers In Concrete	M.D. Pidurkar	International Journal Of Management Technology And Engineering	2019	2	0	Assistant Professor
Partial Replacement Of Fine Aggregates And Cement By Waste Marble PowderA Review	R.H. Mohankar	Journal Of Construction And Building Material Engineering (MAT Journals)	2019	2	0	Assistant Professor
Green Mix Concrete	R.H. Mohankar	IOSR Journal of Engineering	2019	2	0	Assistant Professor
Analytical Study Of Multistory Building (G5) For Base Shear And Story Shear By Conventional Method And Etab Software	Dr. A.M. Shende	Journal of Advanced Research in Dynamical and Control Systems	2019	2	0	Principal

Programme						
Partial Replacement Of Fine Aggregates And Cement By Waste Marble PowderA Review	R.S. Bute	Journal Of Constructi on And Building Material E ngineering (MAT Journals)	2019	0	0	Assistant Professor
Experiment al Study To Know The Effects Of Hybrid Fibers In Concrete For The Parameters Of Compres sive Strength And Flexural Strength By Using Fibers In Concrete	R.S. Bute	Internatio nal Journal Of Management , Technology And Engine ering	2019	0	0	Assistant Professor
"A Review on Dependence Analysis P aralleliza tion Techniques	Dr.V.P.Bal pande	Internatio nal Journal of Engineerin g Applied Sciences and Techno logy(IJEAS T)	2019	2	3	Associate Professor
"A Study of Bioinfo rmatics Ap plications Multicore Architectu re "	Dr.V.P.Bal pande	Internatio nal Journal of Engineerin g Applied Sciences and Techno logy(IJEAS T)	2019	0	0	Associate Professor
"A Study of Bioinfo rmatics Ap plications Multicore Architectu re "	Dr. P.S.Borkar	Internatio nal Journal of Engineerin g Applied Sciences and Techno logy(IJEAS T)	2019	1	1	Assistant Professor

"A Review on Dependence Analysis Parallelization Techniques"	Dr. P.S.Borkar	International Journal of Engineering Applied Sciences and Technology (IJEAST)	2019	0	0	Assistant Professor
"An Effective Solution On Centralized Academics By Using Agile Methodology Framework"	Mr.R.N.Jogekar	International Journal of Engineering Applied Sciences and Technology (IJEAST)	2019	2	6	Assistant Professor
"Pragmatic Approach for Digital Data Clustering using IDelegate Algorithm"	Mr. A.P.Mohod	International Journal of Engineering Applied Sciences and Technology	2019	2	4	Assistant Professor
"IoT based Healthcare Signal Monitoring using Cloud Technology"	Mr.Bharat Dhak	International Journal of Engineering Applied Sciences and Technology (IJEAST)	2019	1	2	Assistant Professor
"IoT based Healthcare Signal Monitoring using Cloud Technology"	Ms.M.J.Sawarkar	International Journal of Engineering Applied Sciences and Technology (IJEAST)	2019	0	1	Assistant Professor
"An Effective Solution On Centralized Academics By Using Agile Methodology Framework"	Mr. P.M.Meshram	International Journal of Engineering Applied Sciences and Technology (IJEAST)	2019	0	0	Assistant Professor

"IoT based Healthcare Signal Monitoring using Cloud Technology"	Ms. S.R.Chakole	International Journal of Engineering Applied Sciences and Technology (IJEAST)	2019	1	1	Assistant Professor
Seismic Response Reduction Of RC Frame Staging In Elevated Water Tank	S.A. Manchalwar	International Journal of emerging technology and innovative research	2019	0	0	Assistant Professor
Analysis of air pollution control devices	Y.D. Chintanwar	International journal for scientific research and development	2019	0	0	Assistant Professor
Experimental study of use of blast furnace slag with replacement of cement and sand in paver block	V. N. Badwaik	International Journal of Advance Research and Innovative Ideas in Education	2019	2	0	Assistant Professor
Use blast furnace slag (iron slag) in paver block	V. N. Badwaik	International journal for scientific research and development	2019	2	0	Assistant Professor
Comparative analysis of displacement and deflection in RCC building for different seismic zones	R.S. Bute	International journal of scientific research and development	2019	0	0	Assistant Professor

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

Number of Faculty	International	National	State	Local
Resource persons	0	4	2	5
Attended/Seminars/Workshops	6	31	15	23
Presented papers	25	4	0	0

[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
Workshop on Problem Solving	ACM Nagpur Local Chapter	13	56
ICT based generation wireless network	NITTR, Chandigarh MHRD	13	20
Technical Paper Presentation	Modern Arch Infrastructure Nagpur	5	12
Hackathon	NMC, Nagpur	4	2
Blood Donation camp	GSK Blood Bank, Nagpur	15	53
Workshop on Problem Solving	Association for Computing Machinery (ACM) Nagpur Chapter	13	63
Rasta Suraksha Abhiyan	NSS PJLCE	10	40
Swachhata Pakhwada	NSS PJLCE	12	51
Workshop on Designing presentation for school teachers	PJLCE	10	40
Visit to Orphanage	PJLCE	8	30
Sport Kits distribution	PJLCE	10	15
Books distribution to Needy students	PJLCE	5	20
Cloths Distribution	PJLCE	8	30

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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
Online Quiz Contest by Engineers Forum Nagpur	Award	Engineers Forum Nagpur	1
Mayor Innovation Awards Hackathon	Recognitions	NMC Nagpur	8
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
Innovative ideas for smart and sustainable development of NAgpur City	NMC	Mayor Innovation Awards	5	85
Yoga Day	PJLCE	Yoga Day	8	75
Swachhata Pakhwada	PJLCE	Swachhata Pakhwada	12	51
Tree Plantation	PJLCE	Tree Plantation	28	55
Rasta Suraksha Abhiyan	PJLCE	Rasta Suraksha Abhiyan	10	40
Constitutional Rally	PJLCE	Constitutional Rally	10	42
Blood Donation camp	PJLCE	Blood Donation camp	15	53
Gender Issue	PJLCE	WomenS Day	40	150
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
Workshop on MIC and its applications	62	Anant Ultra Lab Ghaziabad	1
Workshop on Robotics	48	Electus Nagpur	1
Digital Marketing	75	Mr. Nikesh barapatre	1
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/	Duration From	Duration To	Participant

		industry /research lab with contact details			
Activities under MOU	Project Drive	Webakruti Software, Nagpur	01/09/2018	30/03/2019	9
College Alumni	Intrenship Drive	ICEICO Technologies	01/12/2018	19/01/2019	7
Industries for Intrenship	Knowledge Sharing	Ajni Locoshed, Nagpur	18/06/2018	23/06/2018	43
Industries for Intrenship	Knowledge Sharing	BSNL RTTC Nagpur	15/02/2019	15/02/2019	70
Industries for Intrenship	Knowledge Sharing	Lokmat Printing Press	06/03/2019	06/03/2019	60
Industries for Intrenship	Intrenship	CTPS, KTPS, Railway Locomotive	01/06/2018	30/06/2019	51
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
Jetking Nagpur	27/12/2018	IT carrer guidance workshop and seminars for grooming	112
Anant Ultra Lab Gaziabad	02/03/2019	Workshop Seminar Industrial Visit and Project	193
Modern Arch Infrastructure Nagpur	02/01/2019	On job Training, Project Work, Technical improvements of students	12
View File			

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
30	26.87

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
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Video Centre	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing

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	2012

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	14000	4876125	616	431803	14616	5307928
Reference Books	370	146004	0	0	370	146004
e-Books	9530	1963008	0	0	9530	1963008
Journals	42	0	0	0	42	0
CD & Video	93	0	0	0	93	0
Digital Database	1	0	0	0	1	0

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others
Existing	470	10	36	1	1	13	237	106	0
Added	0	0	70	0	0	0	0	0	0

Total	470	10	106	1	1	13	237	106	0
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4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

106 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
No Data Entered/Not Applicable !!!	

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
9	7.71	24	22.31

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 lifts, 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.

<http://pjlce.edu.in/assets/iqac/Policy%20for%20Infrastructure%20maintenance.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	Fees concession	369	5000000
Financial Support from Other Sources			
a) National	MHGOVT	753	48914854
b) International	Nil	0	0
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 implemetation	Number of students enrolled	Agencies involved
Soft Skill Development Program	01/08/2018	181	HRD LTJSS
Remidial Coaching	25/10/2018	44	PJLCE Nagpur
Language LAb	02/08/2018	181	PJLCE Nagpur
Bridge Course	01/08/2018	181	PJLCE
Yoga Meditation	02/12/2018	180	PJLCE
Soft Skill Development Program	06/08/2018	130	LTJSS 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
2018	Career Decision Making Workshop	15	235	0	10
2018	EET	0	200	0	5
2019	English Laguage Improvement Workshop	235	235	0	10

2019	Lakshya	0	220	0	25
2019	Campus Recruitment Training	0	107	0	15
2019	Guest Lecture Series	135	135	0	10
2019	Mock Interview Drive	205	205	0	32
2019	CV Correction Drive	0	205	0	25
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
0	0	0

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
55	218	132	5	20	3
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	1	BE	Computer Science Engineering	Green Heaven Institute of Management Research, Nagpur	MBA
2019	2	BE	Electrical Engineering	YCCE, Nagpur	M.Tech
2019	3	BE	Electronics and Telecommunication Engineering	PCE, Nagpur	M.Tech
2019	1	BE	Electrical Engineering	California state university	MS
2018	1	BE	Electronics and Telecomm	Angila Ruskin	MS

			unication Engineering	University, Cambridge UK	
2018	1	BE	Electronics and Telecomm unication Engineering	USA	MS
2018	1	BE	CSE	California University	MS
2019	1	BE	CSE	New York Institute of Technology	MS
2018	1	BE	IT	Hydrabad	PG
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	1
View File	

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

Activity	Level	Number of Participants
Cricket	Inter College	180
Volleyball	Inter College	80
Table Tennis	Inter College	75
Badminton	Inter College	330
Chess	Inter College	70
Caroms	Inter College	150
Tug of War	Inter College	150
Kabaddi	Inter College	140
Cricket	University	15
Volleyball	University	10
Badminton	University	12
Chess	University	12
Tug of War	University	10
Kabaddi	University	12
Swimming	University	3
Atheletics	University	25
Fencing	University	3
KhoKho	University	22
Swimming	National	1
Fencing	National	1
Traditional Day	College	35
Funky Dress Competition	College	15

Dancing	College	85
Singing	College	15
Flower Decoration	College	10
Art Gallery	College	45
Wall Painting	College	75
Film Making	College	15
Anand Mela	College	105
Treasure Hunt	College	60
Rangoli	College	35
Mehandi and Nail Art	College	15
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/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	RTMNU Sport	National	1	0	001	Nakul Bhojar

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

Student Council serves the interests of the students by representing student's opinion, promoting social and cultural activities. It acts as the vehicle by which students can participate in the decisionmaking processes which affect them by recommending, implementing and evaluating schemes. It is responsible for arranging all the technical, cocurricular and extracurricular activities in the college. Student Council representatives are selected from the Departmental student forum bodies every year. In view of giving administrative experience to the student in this council the office bearer committee is formed with the election accordingly President, Vice President, Secretary, Treasurer and volunteer committee is established every year. 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.

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. Women Welfare committee: The girl students from are recommended into the committee to address issues on women welfare. AntiRagging 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. Mess and Canteen Committee: The student members of Mess and Canteen Committee along with nominated faculty members monitor quality, hygiene and variety of food. They visit frequently and monitor the quality and quantity of the food served.

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. The student's forums exist in each department which organizes curricular and extracurricular activities in the departments. In addition to the student council the college is also having students Chapters of Professional bodies like , The Institution of Engineers (India) [IEI] These professional bodies chapters organizes Conferences, Seminars, Workshops and Exhibitions with both national and international participants to discuss, promote and display the state of the art technologies, systems, products and services.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

PJLCE has registered Alumni Association. Registration Number MH611/15

5.4.2 – No. of enrolled Alumni:

283

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

113200

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Meet was organized on 11/01/2019. Alumni conducts workshops/seminars on recent trends in technologies, career guidance to the students. Alumni supports to organize cultural activities in college. Alumni supports to organize industrial visits and tours.

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. It automatically generates work responsibility and accountability in the system. •The Management gives sufficient freedom to the Principal to function in order to fulfill the vision and the mission of the institution. •Principal gives authority to the Heads of departments for independent planning and execution to produce desired output. •Academic responsibilities are fairly divided among all the staff members. •Principal ensures adequate staff representation in the committees like Local Management Committee (LMC) and the institute level committees. •Librarian has freedoms to implement various activities to utilize the library resources to its maximum extent. Example of practicing decentralization and participative management in the Institute Case study 1: 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 are given below: •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. Case study 2 : Conduction of Internal Examinations 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 cordinator (Academics) ,HoDs and senior faculty members in the beginning of the session , All internal examinations Class Assessment Test -I (CATI), Class Assessment TestII (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	For quality improvement, inputs were obtained by following means ? Interaction with the industry through R and D cell. ? Interaction with parents through Parent Teacher Meet ? Interaction with Alumni through Alumni Cell Alumni Meet ? Interaction with academicians through workshops ? Suggestions from Department Advisory Boards, Program Assessment Committee ? Comparative study of curriculum of various universities ? We present the suggestions to the syllabus revision workshops conducted by Board of Studies (BOS) of RTM Nagpur university so that these suggestions will be considered when revising the curriculum. ? Various faculties of the Institute participated in University syllabus framing workshop.
Teaching and Learning	Departmental Academic Calendar ? Lecture plans ? Course learning Objectives and Course Outcomes ? Lecture notes ? Updating the library with appropriate books as suggested by

the faculty. ? Modifying the laboratories to cater for the needs of revised syllabus and new technology. ? Monitoring students' performance through Internal Unit Test I and II, Improvement test, Assignments, quiz, seminars and projects ? Monitoring the teaching process through Online feedback from students ? Oral feedback from students in the student council meeting with Head of department and Dean (Academic) and during mentoring sessions. ? Academic audit by peer committee ? Audit of completed syllabus (Monthly) ? Result analysis at the end of semester examination. ? Addressing issues of individual student ? Additional classes for slow learners ? Personal guidance to students approaching with difficulties Mentoring of students to motivate Addressing issues related to course

Examination and Evaluation

Examination and evaluation is done by the affiliating University. Many of our faculty members work as external examiners evaluates. ? We conduct internal exams and class testes and sessional examination to evaluate our students periodically. ? Two internal unit tests are conducted per semester. ? In addition, a preliminary examination is conducted at the end of semester. ? Model questions and model answers prepared by the faculty and distributed to the students. ? Timely assessment of tests is done and the result is displayed. ? Term work evaluation is done on Continuous basis. ? At the early stage of semester, gets an opportunity/scope to improve his credentials. ? 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.

Research and Development

Active research programmes for students are only their academic projects. ? Faculties are encouraged to apply for research projects ? The institute motivates the faculty to undertake research activities through postgraduate studies and doctoral

studies. ? For this, incentives such as study leave, financial assistance for research paper presentation and attending conferences etc. is provided. ? Potential research collaborators are identified and MoUs are established.

Library, ICT and Physical Infrastructure / Instrumentation

Fully automated computerized library facility continuing open accessory/one entry one exit system ? 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. Presently each department has 01 class room that is equipped with LCD Projectoraudio system, WiFi facility and wired internet/ network facility. ? 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 deprive the benefit of industry culture. ? Orientation programs are conducted for the students and guest lectures by the

	<p>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.</p>
Admission of Students	<p>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. Students with higher merit no. seek admission to this institute. ? The institute maintains this repute by adopting following strategies ? Encouraging extracurricular activities like sports and other arts. ? Maintaining Raggingfree environment ? The institute conducts admission process awareness programs, counseling sessions for prospective students.</p>

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

E-governance area	Details
Planning and Development	<p>Institute actively uses online source of operationsERP 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>
Administration	<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>
Finance and Accounts	<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>

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.

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
2018	Mr. A. Mohod	One week faculty development program on AI Machine Learning,	NPTEL	1000
2018	Mr.C.S.Gode	AICTE Recognized Short Term Course on Python Programming ICT ,Conducted by CSE Dept. With NITTTR Chandigarh ,India. November 2018	NITTTR Chandigarh ,India	1000
2018	Dr. K. S. Gour	ICMBAT 2018	World Research Association and KDKCE	2500
2019	Dr. G. A. Wankhade	CE2C 2019	VNIT Nagpur	2000
2019	Dr. S. K. Patle	CE2C 2019	VNIT Nagpur	2000
2019	Mr. S. S. Pakhare	NCETEST 2019 Sai Engg. College, Bhadrawati	SECT bhadrwati	1500
2019	Mrs. A. D. Kadam	International Conference on Green Energy for sustainable Development 2019	Govt. Poly Nagpur	2500

2018	Dr. V. R. Manthena	ICMBAT 2018	KDKCE Nagpur	1800
2018	Dr. P. P. Bhad	ICMBAT 2018	KDKCE Nagpur	1800
2019	Dr. P. P. Bhad	ICMAS 2019	R. Bharti Science College, Arni	2000
2018	Mr. D.N. Katole	ICSTEESD18	G.H.Raisoni College Of Engg, Nagpur	3000
2018	Mr. D.N. Katole	PEDES2018	IIT Madras	7500
2019	Mrs.K.M.Kimmatkar	ICTTSE2019	Suryodaya college of Engg Technology	3000
2019	Mrs.K.M.Kimmatkar	One Day workshop on Art of Writing Research paper	KDKCE Nagpur	750
2019	Mrs.K.M.Kimmatkar	ICGESD2019	Govt. Poly Nagpur	2500
2019	Ms.M.D.Karalkar	ICCCISA2019	G.H.Raisoni College Of Engg Management, pune	3000
2019	Prof. Gulfam Pathan	ICIREST19	TGPCET, Nagpur	2000
2019	Prof. S. A. Manchalwar	ICIREST19	TGPCET, Nagpur	2000
2019	Prof.R.H.Mohankar	ICIREST19	TGPCET, Nagpur	2000
2019	Prof. Y. D. Chintanwar	International conference of Sustainable Waste Management	Acharya Nagarjuna University (ANU), GUNTUR, Vijayawada,	5000
2019	Dr. P.B. Pokle	International Conference on Emanations in modern Engineering science and Management	Smt. Radhikatai Pandav COE, Nagpur	2000
2019	Mr. Jayant Hande	International Conference on Emanations in modern Engineering science and Management	Smt. Radhikatai Pandav COE, Nagpur	2000
2019	Dr. P.B. Pokle	Workshop on Patent Filling	Smt. Radhikatai Pandav COE, Nagpur	1000

2019	Mr. Jayant Hande	FDP on Recent Trends In VLSI Design Verification	PIET Nagpur	1000
2018	Ms. Nisha Warambhe	FDP on Recent treands in Networking	KDKCE Nagpur	1000
2018	Ms. Snehal Sahatrabudhey	FDP on Recent treands in Networking	KDKCE Nagpur	1000
2018	Ms. Monali Satpute	FDP on Recent treands in Networking	KDKCE Nagpur	1000
2018	Mr. P.M.Meshram	International Conference on Decision Science and Management, Bhubaneswar, Odisha, 2223 December 2018	Inter-science Institute of Management and Technology	3500
2018	Ms.S.R.Chakole	International Conference on Recent Innovations in Electrical, Electronics Communication Engineering - (ICRIEECE) july 2018	KIIT School of Electrical Engineering	2500
2018	Mr. P.M.Meshram	International Conference on Decision Science and Management, Bhubaneswar, Odisha, 2223 December 2018	Inter-science Institute of Management and Technology	2500
2018	Mr. R.N.Jogekar	One week faculty development program on AI Machine Learning,	NPTEL	1000
View File				

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 professional development programme organised for	Title of the administrative training programme organised for	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
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	teaching staff	non-teaching staff				
2018	Quest for the Best	Computer literacy Workshop	11/06/2018	14/06/2018	18	20
2018	AICTE Recognized Short Term Course on Python Programming ICT ,Conducted by CSE Dept. With NITTTR Chandigarh	Workshop fire Extinguisher	12/11/2018	16/11/2018	35	18
2019	One week faculty development program on AI Machine Learning	Workshop on e banking services	04/06/2018	08/06/2018	35	17

[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
Quest for the Best	18	11/06/2018	14/06/2018	30
FDP on Machine Intelligence	1	03/12/2018	08/12/2018	35
One Week FDP on Recent Trends In VLSI Design Verification at PIET Nagpur	1	10/12/2018	15/12/2018	35
One Week FDP on Recent trends in Networking at KDKCOE, Nagpur	3	10/12/2018	15/12/2018	35
AICTE Recognized Short Term Course on Python Programming ICT ,Conducted by CSE Dept. With NITTTR	1	12/11/2018	16/11/2018	35

Chandigarh				
One week faculty development program on AI Machine Learning	2	04/06/2018	08/06/2018	35
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
41	19	6	42

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>1. Insurance scheme for all staff. 2 facility of Duty leave and on duty leave 3. •Maternity leaves for female staff 4. •Free Health Checkup camp. •Financial assistance for attending seminar, conferences and publications of research papers in journal. 5. Employee provident fund facility 6. The facility of advance against salary 7. Recognition of faculty members for achievements felicitation of faculty members after receiving Awards and PhD. 8. •Recreation facility for the staff. 9. WiFi campus</p>	<p>1. Insurance scheme for all staff 2. acility of Duty leave and on duty leave 3. •Maternity leaves for female staff 4. •Free Health Checkup camp. 5. mployee provident fund facility 6. The facility of advance against salary 7. •Recreation facility for the staff. 8 WiFi campus</p>	<p>1. Insurance 2. •Free Health Checkup camp 3. WiFi campus 4. fee concession to the needy students.</p>

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 auditors to 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. Likewise an external audit is also carried out on an elaborate way on quarterly basis. 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
Nil	0	0
View File		

6.4.3 – Total corpus fund generated

0

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	LTJSS	Yes	PJLCE
Administrative	Yes	LTJSS	Yes	PJLCE

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

1. Organization of expert lecture for students. 2. Organization of industrial visit. 3. Feedback on regular basis for betterment of college.
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6.5.3 – Development programmes for support staff (at least three)

Delegating the staff for different courses for skill up gradation inside the institute. 1. Training on computer literacy. 2. Training related to use of fire Extinguisher 3. Awareness program on e banking services
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6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Organized National Seminar in collaboration with NAAC on Student centric learning apart from chalk and Talk. 2. participation in Mayor Hackathon Innovation program . 3. 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	No
c)ISO certification	No
d)NBA or any other quality audit	No

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	National seminar on Student centric learning apart from	24/01/2019	24/01/2019	24/01/2019	174

chalk and
talk

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
Womens Day Celebration	08/03/2019	08/03/2019	45	15
Lecture on reproductive health of adolescent and girls	23/03/2019	23/03/2019	105	0
Navratri Celebration	20/10/2018	20/10/2019	40	0
Personality development program Panaache 2k19	10/01/2019	12/01/2019	180	0
Talk on Sexual Harassment of Women at workplace	11/08/2018	11/08/2018	137	0

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 in process.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Provision for lift	No	0
Ramp/Rails	Yes	0
Rest Rooms	Yes	0

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
2018	1	1	15/11/2018	2	Rasta Suraksha Abhiyan	Road Safty	65

2018	1	1	10/12/2018	1	Workshop on Digital presentation for school teachers	Computer Knowledge	43
2019	1	1	01/03/2019	15	Mock test for MHCET and JEE	Exam Awareness	28
2019	1	1	28/03/2019	5	Jaga ani Jagu Dya Campaign	Environment Awareness	35
2018	1	1	16/08/2018	1	Swachhata Pakhwada	Swachha Bharat Abhiyan	60
2019	1	1	25/04/2019	1	Winaz	Role of youth in Nation Building	78

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

Title	Date of publication	Follow up(max 100 words)
Handbook for Stake Holders	20/06/2018	Reviewed and revised annually.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Independance Day celebration	15/08/2018	15/08/2018	650
Ganesh Festival	13/09/2018	15/09/2018	550
Samvidhan Rally Day	26/11/2018	26/11/2018	546
Tree Plantation Drive	27/07/2018	27/07/2018	185
Engineers Day	15/09/2018	15/09/2018	450
Lokmanya Tilak Punyatithi	01/08/2018	01/08/2018	45
Librarian Day	12/08/2018	13/08/2018	35
Teachers Day	05/09/2018	05/09/2018	200
Mahatma Gandhi Jayanti	02/10/2018	03/10/2018	55
Womens Day	08/03/2019	08/03/2019	60
Environmental Day	05/06/2018	05/06/2018	35
Yoga Day	21/06/2018	21/06/2018	55
Republic Day	26/01/2019	26/01/2019	560

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

ecofriendly campus We at PJCCE are highly sensitized for environmental consciousness and we take all necessary steps to keep our environment clean,

safe and secured for better quality of life. The lush green campus proves the intent of the Management to make the campus ecofriendly. Large numbers of saplings are planted in the campus to make the campus green and aesthetically pleasing. Lawns have been developed and maintained. The waste which are generally generated are classified as 1) Solid waste 2) Liquid Waste 3) E waste

Recycling of biomass The garden byproducts may act as economically valuable resources when managed correctly. Manure, for example, is a valuable resource because of its fertilizing and soil conditioning properties. We at PJLCE collect the garden waste and convert it to compost for utilizing it as an organic manure for the Campus garden. Solid waste management practice at PJLCE The waste which is generated at various locations are collected, segregated and handed over to agencies to be transported to government authorized sanitary landfills. Liquid waste management practice at PJLCE Waste water is properly drained out through proper drainage systems. Toxic materials/chemicals are not used in any of the laboratories. Non toxic liquid chemical wastes generated from chemistry laboratory and environmental laboratory are diluted/ neutralized and then discharged. E waste management practice at PJLCE In a digital age management of E waste is as important as solid and liquid waste management. We at PJLCE periodically collect, segregate and hand over the E waste to the vendors for recycling and reusages. Steps taken at PJLCE for green initiatives.

?A digital monitor for display of energy saved and carbon footprint eliminated
 ?Organic waste generated in gardens is composted using composting systems and reused as organic fertilizer
 ?More than sufficient plantation in the entire campus is a unique feature at PJLCE and in the entire LTJSS group. This has kept the campus uniquely beautiful, aesthetically appealing and environment friendly.
 ?Canteen Waste is also converted into compost and reused in gardens.
 ?The students' feed back is a very effective system for improvement of content delivery. The feed back system at PJLCE is 100 paperless.
 ?We do not send printed letters reminders to parents instead we use the eage messaging service to connect communicate with them.
 ?As a matter of policy the unofficial memos such other documents are printed on used papers. We normally use the plain side of the printed paper to allow more intense use of the resources.
 ?Waste paper is given to the vendors for recycling.
 ?Minimum paper office is encouraged and appreciated
 ?Communication from the central office through different departments and viceversa is made using Mails, digital social media like WhatsApp and FB.
 ?Students are encouraged to share vehicles look for petrol partners.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

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.

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 Best Practice II: Title of the Practice: "Practical Exposure and 360 0 development of the students" Goal: The goal of this practice is to give practical exposure to students and 3600 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. 3600 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 3600 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, Selfconfidence and comradeship, Building of self esteem.

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

<http://pjlce.edu.in/assets/igac/Best%20Practices.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

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 allround development of students by providing co curricular, extracurricular activities, to develop engineering professionals having ethical values, skills competencies, to develop leadership qualities and the ability to work as a team among students by encouraging participation in various activities and To fulfill the need of society industries by promoting research culture. The institution stands apart from all other colleges by placing greater emphasis on producing professional students by providing valuebased education and enabling the students to face challenges in modern life. The institute aims at instilling a sense of selfdiscipline 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 are 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 exposer to soft skills and technical skills from their second year, for which special training program is organised 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 organised 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 perform 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 intiative by participating in "HackhathonMayor 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

<http://pjlce.edu.in/>

8.Future Plans of Actions for Next Academic Year

1. Focus on development of econtent facility by the faculties. 2. Discussion of Reviewer of Institute international journal (International journal of Emerging Trends in Engineering and Basic Sciences(IJEEBS)). 3. Strengthening rapport with industries. 4. Organization of more number of programs for local community. 5. Focus on more number of Lab to Land projects.