Lokmanya Tilak Jankalyan Shikshan Sansth's

Priyadarshini J. L. College of Engineering

846, New Nandanvan,
Nagpur - 440009 (Maharashtra)

Internal Quality Assurance Cell

Annual Quality Assurance Report
2017-18

Submitted
To

National Assessment and Accreditation Council, Bangalore, India

LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S

PRIYADARSHINI J. L. COLLEGE OF ENGINEERING

(Formerly known as J. L. Chaturvedi College of Engineering)
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Ref. No. PJLCE|2018-19|1160   Date : 28 /08/2018

Certificate

This is certify that the Annual Quality Assurance Report 2017-18 forwarded to the National Assessment and Accreditation Council, Bangalore is compiled from the data collected from the official records and is true to the best of our knowledge and belief.

Mrs. A. D. Kadam
IQAC-Coordinator

Dr. A. M. Shende
Principal
Principal
Priyadarshini J. L. College of Engg.
Nandanvan, Nagpur.

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Contents

Part – A

1. Details of the Institution

1.1 Name of the Institution	Priyadarshini J. L. College of Engineering
1.2 Address Line 1	846, New Nandanvan Layout
Address Line 2	
City/Town	Nagpur
State	Maharashtra
Pin Code	440009
Institution e-mail address	principaljlcce@gmail.com
Contact Nos.	0712-2712490
Name of the Head of the Institution	Dr. A. M. Shende
Tel. No. with STD Code:	0712-2712490
Mobile:	9822362306
Name of the IQAC Co-ordinator:	Mrs. A. D. Kadam
Mobile:	9423456636
IQAC e-mail address:	anjalikadam.d@gmail.com
1.3 NAAC Track ID	MHCOGN27481
1.4 NAAC Executive Committee No. & Date:	EC(SC)/29/A&A/57.1
1.5 Website address:	www.pjlce.edu.in
Web-link of the AQAR:	For ex. http://http://www.pjlce.edu.in/assets/AQAR2017-18.doc/

1.6 Accreditation Details

Sr.No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	A	3.04	2017	5 Years
2	2nd Cycle				
3	3rd Cycle				
4	4th Cycle				

1.7 Date of Establishment of IQAC :   **13/06/2016**

1.8 AQAR for the year   *2017-18*

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC

AQAR - NA

1.10 Institutional Status

University | -- | State | ---- | Central | --- | Deemed | --- | Private | √

- Affiliated College   Yes | √   No |

- Constituent College   Yes | No | √

- Autonomous college of UGC   Yes | No | √

- Regulatory Agency approved Institution: **AICTE**   Yes | √   No |

- Type of Institution   Co-education | √   Men | ----   Women | ----

  Urban | √   Rural | ----   Tribal | ----

- Financial Status   Grant-in-aid | ----   UGC 2(f) | ----   UGC 12B | ----

  Grant-in-aid + Self Financing | ----   Totally Self-financing | √

1.11 Type of Faculty/Programme

Art ☐	Science ☐	Commerce ☐	Law ☐	PEI (Phys Edu) ☐
TEI (Edu) ☐	Engineering √	Health Science ☐	Management ☐	

Others (Specify) ☐

1.12 Name of the Affiliating University (for the Colleges)	**Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur**

1.13 Special status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ ICMR etc

Autonomy by State/Central Govt. / University —— ----

University with Potential for Excellence	---	UGC-CPE	---
DST Star Scheme	---	UGC-CE	---
UGC-Special Assistance Programme	---	DST-FIST	---
UGC-Innovative PG programmes	---	Any other (*Specify)*	---
UGC-COP Programmes	---		

2. IQAC Composition and Activities

2.1 No. of Teachers — 07

2.2 No. of Administrative/Technical staff — 02

2.3 No. of students — 01

2.4 No. of Management representatives — 01

2.5 No. of Alumni — 02

2.6 No. of any other stakeholder and community representatives `02`

2.7 No. of Employers/ Industrialists `02`

2.8 No. of other External Experts `02`

2.9 Total No. of members `19`

2.10 No. of IQAC meetings held `04`

2.11 No. of meetings with various stakeholders: `04` Faculty `04`

Non-Teaching Staff `04` Students `04` Alumni `04`

2.12 Has IQAC received any funding from UGC during the year? `No`

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposium organized by the IQAC

Total Nos. `04` International `---` National `---` State `02` Institution Level `02`

- State Level
  1. A State Level Technical Activity in association with Department of Computer Science & Engineering - Techtrix
  2. A State Level Technical Activity in association with Department of Civil Engineering - Technidarshan
- Institutional Level
  1. Workshop on "Improving Teaching Competencies"
  2. Workshop on "Awareness of Computer Literacy for Non Teaching Staff"

(ii) Themes :
- Recent Trends in Engineering and Technology
- Quality Education

2.14 Significant Activities and contributions made by IQAC

- Digitization
- Minimizing Environment degradation
- Development Programs
- Participation from stakeholders
- Fulfilling Social Responsibility
- Knowledge Club
- Quality Education

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
Digitization	- Online Feedback System for students - Mobile App by Library - Online MCQ for Students - All the department are equipped with e-resources i.e. Wall mounted LCDs, Laptop
Minimizing Environment degradation	- Decrease use of paper & Plastic - Sustainable mechanism for solid waste disposal & efforts for Carbon Neutrality(**Vermi Compost**) - E-waste Management disposal(**MoU with EcoCentric**) - Rain water harvesting project - Green Audit
Development Programs	- Workshop for staff. - Participation in **"**Improving Teaching Competencies**"** Workshop by faculty.
Participation from stake holders	- Alumni Meet. - Interaction by Principal & Heads of Department.
Fulfilling Social Responsibility	- Book & Cloths distribution - Blood Donation Camp
Knowledge Club	- Presentation and Discussion on Published Research Paper
Quality Education	- Identification and Remedial classes for slow Learners & Advanced Learner - Interaction with Heads and faculties of each and every department for maintaining and sustaining quality education as directed by IQAC.

(Academic Calendar 2017-18 as Annexure-I)

2.15 Whether the AQAR was placed in statutory body   Yes | √ | No | |

Management | √ | Syndicate | --- | Any other body | --- |

❖ Provide the details of the action taken

| The IQAC status was discussed in governing body meeting in presence of Local life members and College Development committee members. |

Part – B
Criterion – I
1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	--	--	--	--
PG	--	--	--	--
UG	05	--	11	18/6
PG Diploma	--	--	--	--
Advanced Diploma	--	--	--	--
Diploma	--	--	--	--
Certificate	--	--	--	--
Others	--	--	--	--
Total	05	--	--	--

Interdisciplinary	--	--	--	--
Innovative	--	--	--	--

(List of Program in Annexure-IV)

1.2 (i) Flexibility of the Curriculum: ~~CBCS~~/Core/Elective option / ~~Open options~~

⊐ **Computer Science & Engineering**
In the BE Computer Science & Engineering syllabus 16 electives are divided into four groups.Elective Subject Opted by students:

- Elective-I: TCP and IP
- Elective-II: Mobile Computing, Software Architecture
- Elective-III: Clustering & Cloud Computing
- Elective-IV : Advance Wireless Sensor Network

⊐ **Electronics Engineering**
In the BE Electronics Engineering pattern syllabus 12 electives are divided into three groups on recent technologies such as Image processing, Signal processing, Artificial Intelligence and Soft computing.Elective Subject Opted by BE students:

- Elective-I: Digital Image Processing/Mobile Communication

- Elective-II: Satellite Communication
- Elective-III: Data Compression & Encryption

◻ **Electronics & Telecommunication Engineering**

In the BE Electronics & Telecommunication Engineering syllabus **13** electives are divided into three groups on recent technologies such as Image processing, Signal processing, Artificial Intelligence and Soft computing.Elective Subject Opted by BE students:

- Elective-I: Data Compression & Encryption/VLSI & Signal Processing
- Elective-II: Digital Image Processing/Embedded System
- Elective-III: CMOS VLSI Design

◻ **Electrical Engineering**

In the BE Electrical Engineering syllabus **12** electives are divided into three groups Elective Subject Opted by students:

- Elective-I: Flexible AC Transmission Systems/Energy Management and Audit
- Elective-II: EHV AC and HVDC Transmission
- Elective-III: Power Semiconductor Based Electric Drives

◻ **Civil Engineering**

In the BE Electrical Engineering syllabus **24** electives are divided into three groups Elective Subject Opted by students:

- Elective -I: Advanced Traffic Engineering
- Elective -II: Pavement Analysis and Design
- Elective -III: Advanced Reinforced cement concrete design/Water and Waste water Treatment

(ii) Pattern of Programmes:

Pattern	Number of Programmes
Semester	05
Trimester	--
Annual	--

1.3 Feedback from stakeholders*****

| Alumni | √ | Parents | √ | Employers | √ | Students | √ |

(On all aspects)

Mode of feedback :   Online | √ | Manual | √ | Co-operating school (for PEI) | |

(Feedback from Stake holders in Annexure-II)

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

| NO |

1.5 Any new Department/Centre introduced during the year. If yes, give details.

| NO |

Criterion – II
2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
62	42	02	-	36

2.2 No. of permanent faculty with Ph.D.   - **10**

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
78	-	02	13	-	5	-	-	80	--

2.4 No. of Guest and Visiting faculty and Temporary faculty

01	00	36

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	07	23	04
Presented papers	85	02	---
Resource Persons	02	---	---

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Explanation of the concepts using demonstration models/cut sections/charts wherever necessary to explain and clearly interpret complex applications as well as concepts.
- In Seminar based learning process, LCD Projector is used for effective delivery of the content.
- To explain difficult concepts which are hard to visualize Seminars are conducted regularly to bring out inherent talent in the students, videos, various software tools in classroom teaching is used.
- Faculties are encouraged to attend the STTP, workshop in their respective fields.
- In each semester, new experiments are added in each practical subjects. Some

topics beyond syllabus in each subject are also covered to give knowledge about the depth of the subject.

- Certain topics are covered through special classes with an orientation towards competitive exams like GATE etc.
- Apart from classroom interactions, every department organizes Industrial visit for students to get the exposure to the industrial practices.
- Question banks are provided by every faculty which help students to prepare for their exams.
- Technical activity based learning:-Activities like current technical topics for presentation, group discussion, poster competition are conducted for students of each semester by respective class co-ordinator.
- Curricular based Technical quiz competition is organized by every department to enhance the knowledge of students.
- *NPTEL Video Lectures / Multiple Choice Questions*

2.7   Total No. of actual teaching days during this academic year :   182

2.8   Examination/ Evaluation Reforms initiated by the Institution
(for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

- Examinations are conducted as per Rastrasant Tukadoji Maharaj Nagpur University guidelines. Students are also given-
- Multiple choice questions
- Remedial classes
- Assignments
- Photocopy of answer sheets

2.9   No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

--	21	10

2.10 Average percentage of attendance of students :   78%

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
CSE	61	21	36	03	---	98.36%
EN	06	00	04	01	---	83.33%
ETC	62	05	52	03	---	96.77%
EE	68	10	39	15	---	94.11%
CV	72	13	45	01	---	81.94%

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

- The Internal Quality Assurance Cell plays a pivotal role in the quality assurance in the teaching-learning process.
- The institution has constituted an Internal Quality Assurance Cell (IQAC) to monitor and improve the academic performance of the institution.
- The role of IQAC of the college involves collecting periodic feedback from the students and the staff, analyzing the feedback and suggesting ways for improving teaching-learning process.
- The members of IQAC also meet periodically to evolve strategies for the quality enhancement in teaching learning process. The strategies evolved are communicated to the staff and the students through in-house meetings.
- The cell coordinator takes part in the discussion on the analysis of performance in the university semester examinations for all the classes and the remedial measures are taken to improve the results in subjects wherever there is a decline.
- The IQAC helps the faculty to learn the current trends in their specializations and facilitate them to handle the concerned subjects with better preparation and confidence.
- The cell also initiates workshops for the technical supporting staff who are involved in assisting the laboratory sessions with a view to enhance their practical skills with which they can help the fabrication and testing part of student's project models.
- Based on the feedback, a report is generated by the IQAC to bring transparency / objectivity /accountability in the teaching learning process.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefited
Refresher courses	29
UGC – Faculty Improvement Programme	---
HRD programmes	13
Orientation programmes	04
Faculty exchange Programme	---
Staff training conducted by the university	---
Staff training conducted by other institutions	03
Summer / Winter schools, Workshops, etc.	24
Others	---

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	33	-	-	-
Technical Staff	25	-	-	-

Criterion – III
3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- Qualification Up gradation.
- Deputation for training.
- Deputation Of faculty for Research
- UG Project evaluation by Industry Experts.
- Research Methodology Workshops.
- Incentives for Journal Publications, Convener of Conference
- Extension Activities are also conducted so that the technology within the campus can be utilized for benefit of the needy.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	---	---	---	---
Outlay in Rs. Lakhs	---	---	---	---

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	---	---	---	---
Outlay in Rs. Lakhs	---	---	---	---

3.4 Details on research publications

	International	National	Others
Peer Review Journals	67	---	---
Non-Peer Review Journals	03	---	---
e-Journals	--	---	---
Conference proceedings	10	---	---

3.5 Details on Impact factor of publications:

Range | 3.2 to 5.2 | Average | 4.2 | h-index | 17 | Nos. In SCOPUS | 01

3.6 Research funds sanctioned and received from various funding agencies, industry and other organizations.

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College	2017-18	Priyadarshini J. L. College of Engg.	40000/-	40000/-
Students research projects *(other than compulsory by the University)*				
Any other(Specify)				
Total				

3.7 No. of books published

i) With ISBN No.   `--`   Chapters in Edited Books   `---`

ii) Without ISBN No.   `---`

3.8 No. of University Departments receiving funds from

UGC-SAP   `---`   CAS   `---`   DST-FIST   `---`

DPE   `---`   DBT Scheme/funds   `---`

3.9 For colleges

Autonomy   Nil   CPE   Nil   Star Scheme   Nil

INSPIRE   Nil   CE   Nil   Any Other (specify   Nil

3.10 Revenue generated through consultancy: 252200/-

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number			02		
Sponsoring agencies			PJLCE		

3.12 No. of faculty served as experts, chairpersons or resource persons | 15 |

3.13 No. of collaborations International | --- | National | 02 | Any other | -- |

3.14 No. of linkages created during this year | --- |

3.15 Total budget for research for current year in lakhs :
From Funding agency | --- | From Management of University/College | 7,35,000/- |

Total | 7,35,000/- |

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	---
	Granted	---
International	Applied	---
	Granted	---
Commercialized	Applied	---
	Granted	---

3.17 No. of research awards/ recognition received by faculty and research fellows of the institute in the   year

Total	International	National	State	University	Dist	College
05	---	---	---	---	---	05

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them | NA |

3.19 No. of Ph.D. awarded by faculty from the Institution | 05 |

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF | --- | SRF | --- | Project Fellow | -- | Any Other | -- |

3.21 No. of students Participated in NSS events:

University level	69	State level	---

National level	---	International level	---

3.22 No. of students participated in NCC events:

University level	---	State level	---

National level	---	International level	---

3.23 No. of Awards won in NSS:

University level	69	State level	---

National level	---	International level	---

3.24 No. of Awards won in NCC:

University level	69	State level	---

National level	---	International level	---

3.25 No. of Extension activities organized

University Forum	---	College Forum	07

NCC	NA	NSS	--	Others	---

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

Extension Activities

SN	Activity Details	Dept.	Date	No of beneficiaries
1	"ITTI SI KHUSHI" cloth donation program to needy people by student	CSE	09-10-2018	4
2	Workshop on power point presentation for school Teachers	CSE	06-04-2018	25
3	Tree Plantation	EN/ET	10-10-2017	--
4	Fruits Distribution	EN/ET	10-10-2017	45

5	Fan and Carpet Distribution	EN/ET	10-10-2017	40
6	Tree Plantation	EE	10-10-2017	--
7	Fruits Distribution	EE	10-10-2017	45
8	Fan and Carpet Distribution	EE	10-10-2017	40

Institutional Social Responsibility

SN	Activity Details	Dept.	Date	No of Student
1	Winaz – "Impact of social media in todays youth"(West Zone)	CSE	17-04-2018	200
2	Winaz – "Impact of social media in todays youth"(South Zone)	EN/ET	17-04-2018	250
3	Winaz – "Impact of social media in todays youth"(East Zone)	EE	17-04-2018	200
4	Winaz – "Impact of social media in todays youth"(Central Zone)	CV	17-04-2018	200

Criterion – IV
4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	4.84 Acre	-	Management	4.84 Acre
Class rooms	15	-	Management	15
Laboratories	40	-	Management	40
Seminar Halls	03	-	Management	03
No. of important equipments purchased (≥ 1-0 lakh) during the current year.		01	Management	
Value of the equipment purchased during the year (Rs. in Lakhs)		10,04,590/-	Management	
Others			Management	

4.2 Computerization of administration and library

- Use of ERP system for student attendance and assessment marks entry, feedback System.
- Use of KOHA, DelNet software in library.
- Use of computers and data storage in all administration & library sections.

4.3   Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	13628	4726253.16	372	149871	14000	4876124.16
Reference Books	370	--	--	--	370	--
e-Books	--	--	--	--	12892	196300.8
Journals	48	158411	2	8900	50	169862
e-Journals	--	--	--	--	--	--
Digital Database	(NPTL)				35	10000
CD & Video	(Khadakpur CD)				204	----
Others (specify)	(Book Cd's + Floppy)				773	----

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centers	Computer Centers	Office	Depart-ments	Others
Existing	470	10	36	01	01	01	05	---
Added	---	--	--	--	--	--	--	---
Total	470	10	36MBPS	01	01	01	05	---

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

Department of Computer Science & Engineering :

- Workshop on "Power Point Presentation and Google Sheets" for school Teachers on 27th April 2018.
- Seminar on ethical Hacking and Cyber Forensics by Manoj Rai ,Networks Hub ,Nagpur on 04th Aug 2017 for students.
- Workshop on"Sales Force Cloud" by Shailesh Atram,Persistance System,Nagpur on 9th Sept 2017 for students .
- Seminar on "Embeded Technology" by Mr.Parag Tembhurne,Prolific Systems and Technology ,Nagpur on 12th Sept 2017 for students.
- Short term course on "Cloud Computing through ICT "(NITTTR)Chandigarh Sponsered by MHRD from 23rd to 27th Oct 2017 for Faculty.
- Two Days workshop on "Web Development" by Mr.Ram Ghonmode and Mr.Harish Chopkar from 20th to 21st Jan 2018 for students.

4.6 Amount spent on maintenance in lakhs :

i) ICT :	---
ii) Campus Infrastructure and facilities :	15,00,000/-
iii) Equipments :	3,90,710/-
iv) Others	1,00,000/-
Total :	19,90,710/-

Criterion – V
5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services.

- Regular organisation of Orientation programmes for awareness about assessment schemes, elective selection, availability of online and offline learning resources.
- Identifying slow learners and arranging remedial classes for them.
- Parent teacher meetings.
- Counseling to the students under teacher guardian scheme.
- Encouraging advanced learners to participate in various competitions at university/state/national level and in other institutions.
- Organising seminars/ guest lectures/ workshops on advanced technologies to meet the current challenges.
- Awareness about support services provided at institute level as well as department level.
- Circulation of various notices regarding scholarships ,industry scholarship ,other schemes and other activities related to sports, cultural , exhibitions, fairs etc.
- Orientation programme related to campus placement by training and placement officer.
- Awareness about industry culture, expectations and requirements.
- Orientation of students through alumni interactions to acquaint them with the concepts of targets and deadlines.

5.2 Efforts made by the institution for tracking the progression.

- At the start of session all HODs, higher engineering co-ordinator and Principal prepares the academic calendar.
- Accordingly the progression is tracked through academic report .
- Institute has teacher guardians, class teachers, mentors, placement cell, alumni cell.
- Class teacher, teacher guardians and mentors do the continuous evaluation of individual students through internal exams, seminars, assignments etc.
- Identifying slow learners and arranging remedial classes for them.
- Placement cell keeps the track of training programmes, off campus placements, internship programmes ,progress of passed out students.
- Institute arranges various industrial visits for students to make them aware about the company culture.
- Alumni cell keeps track on the progression of alumni and organized alumni meets annually.
- Parent Teacher meetings are organized.

- Students Feedback ,parents feedback and visitors feedback taken for analyzing new improvements as per their requirements.

5.3 (a) Total Number of students

UG	PG	Ph.D.	Others
1117	---	---	---

(b) No. of students outside the state : | --- |

(c) No. of international students: | --- |

Men -	No.	%		Women -	No.	%
	501	**44.85%**			**516**	**45.15%**

Last Year **2016-17**						This Year **2017-18**					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
313	270	12	526	01	1122	290	223	11	492	01	1017

Demand ratio: 0.8   Dropout %: 1.2%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- Online Objective Test Mock.
- Campus Recruitment Training programme.
- Expert lectures, workshops and seminars on innovative topics
- Aptitude training and test
- Guidance on preparation for GATE and other Competitive Examinations.
- Multiple Choice question sets are provided to students based on syllabus of competitive examinations

- Previous exams question or other competitive papers are discussed in the classes
- Seminars are arranged regarding preparation for competitive exams like UPSC and MPSC.
- Students are made aware about various dates of competitive exams and make them aware about the syllabus and pattern of questions.
- Training sessions are organized regarding preparation of competitive exams.
- Books, study material and question sets are made available for students in departmental library / Central library for study.

No. of students beneficiaries - 450

5.5 No. of students qualified in these examinations:

NET	---	SET/SLET	---	GATE	02(CV)	CAT	01(CSE)
IAS/IPS etc	---	State PSC	---	UPSC	---	Others	---

5.6 Details of student counseling and career guidance

- Placement Cell provides the Career Guidance .
- An inhouse committee train the students in professional English, paragraph writing, group discussions, personal interviews, aptitude, etc. from the placement perspective.
- The students are groomed for the all-round development other than technical requirement.
- The placement Cell conducts classes and talks by eminent persons on Career opportunities, Personality Development, Communication Skills, CRT and Aptitude Test etc.
- The workshop on foreign language organised for the students.

No. of students benefited - 1033(T&P)

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
37	96	53	2

5.8 Details of gender sensitization programmes :

The College is highly sensitive to the issues of gender equality, women"s rights and the need to prevent sexual harassment. The College has set up Women graviences cell as per the directive of the Supreme Court and the guidelines of UGC/AICTE Act 2013.This cell also acts for Women Empowerment.The cell focuses on:

Women Grievances - To discuss and solve problems faced by the female staff and girl students in the college.

- Counseling of students
- Motivate the staff and students
- Sports activity
- Yoga
- Stress buster programmes
- To motivate inter-personal relationship
- Overall development.
- Celebration of Women Day

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

| State University level | 109 | National level | 5 | International level | |

No. of students participated in cultural events

| State University level | --- | National level | 1 | International level | --- |

5.9.2 No. of medals /awards won by students in Sports, Games and other events
Sports :

| State University level | --- | National level | 1 | International level | --- |

Cultural:

| State University level | --- | National level | --- | International level | --- |

5.10 Scholarships and Financial Support

	Number of students	Amount(Rs)
Financial support from institution	---	----
Financial support from government	---	----
Financial support from other sources	02 (Persistant Scholarship)	80,000/-
Number of students who received International/ National recognition	----	----

5.11 Student organised / initiatives

Fairs :

State University level | 1 | National level | 1 | International level | --- |

Exhibition:

State University level | 1 | National level | 1 | International level | --- |

5.12   No. of social initiatives undertaken by the students: | 3 |

5.13 Major grievances of students (if any) redressed: Nil

Criterion – VI
6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

To produce engineers who are socially responsible & professionally competent to face the global challenges ahead.

Mission:

To achieve academic excellence by imparting quality education with practical quality education with practical oriented approach to serve the industries.

To satisfy the expectation of contributors

To develop Engineering Professionals having ethical values, skills & competencies.

To fulfill the need of society & industries by promoting research culture.

To stimulate learning environment for strengthening the individual potential.

6.2 Does the Institution has a management Information System

Yes, the institute has a well-designed Management Information System namely http://erp.ltjss.net

All the major academic and non-academic activities are implemented through this MIS

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1   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.

6.3.2 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

6.3.3 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.

6.3.4   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.

6.3.5   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
- Campus-wide Networking & Wi-Fi.
- Every department has separate departmental library for students and staff.
- Back-up 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 Projector-audio system, Wi-Fi facility and wired internet/ network facility.
- Each faculty is provided Computer for usage for interactive teaching learning process.

6.3.6   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

6.3.7   Faculty and Staff recruitment

- Faculty and staff recruitments are done as per the University and Government norms.
- The faculty members are recruited through Open Process.
- The vacant faculty position is advertised in leading National Newspapers along with posting on Institute Website.
- The applications are called and scrutinized.
- The eligible candidates are called for interview before a panel consisting of external experts approved by Rashtrasant Tukadoji Maharaj Nagpur University and In-house officers like Principal, HODs and Management representatives.
- In case a need arises to recruit a faculty on temporary basis, the selection is done on the basis of course knowledge and lecturing/ interaction skills. These are judged from the demonstration lecture by the candidate and Technical interview of the candidate.

6.3.8   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 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.

6.3.9   Admission of Students

- Admission procedure of students is done through a central process conducted by DTE (Directorate of Technical education) wherein students choose an institute as per their requirement by filling up online option form. Students with higher merit no. seek admission to this institute.
- The institute maintains this repute by adopting following strategies
- Encouraging extra-curricular activities like sports and other arts.
- Maintaining Ragging-free environment
- The institute conducts admission process awareness programs, counseling sessions for prospective students.

6.4 Welfare schemes for

Teaching	Yes
Non teaching	Yes
Students	Yes

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done   Yes √   No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic			YES	Cross department faculties
Administrative			YES	Nominated faculties from each department

6.8 Does the University/ Autonomous College declares results within 30 days? NA

For UG Programmes   Yes   No

For PG Programmes   Yes   No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

- The university has BOS (Board Of Studies) wherein nominated faculty members for deciding on reforms related to examination.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

- RTMNU fully supports towards awarding autonomy to the affiliated institutes who fulfill the norms and apply for autonomy

6.11 Activities and support from the Alumni Association

- The Alumni Association and the institute together organize Alumni meet every year. This year the Alumni Meet was conducted on 11th January, 2018.
- Cresting groups on social media like whats up and Facebook.
- Updating Alumni network online.
- Updating Alumni Status like job profile, location, CTC etc
- Alumni Interactions with regular students and share their expertise.

6.12 Activities and support from the Parent – Teacher Association

- The institute organizes Parents-Teacher meet every semester.
- The aim of the meet was :-
√ To decide the action on students with poor Monthly Attendance.
√ To Encourage for registering in skill development courses.
√ To Motivate for participation in various curricular, co-curricular and extra-curricular activities.
√ Feedback on departmental procedures.
√ To Encourage the students for scoring more marks in Test and sessional as well as in university exam.

6.13 Development programmes for support staff

- Delegating the staff for different courses for skill up-gradation inside the institute.
- Training on MS Word, Power point, Excel

6.14 Initiatives taken by the institution to make the campus eco-friendly

- Water harvesting
- Tree Plantations
- Vermi compost
- MoU with Eco-centric.

Criterion – VII
7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- Building theoretical and Practical skills in the student.
- Provide internships facility to students of third year through project placement drive so as to get acquainted with industry standards and culture.
- Students Project evaluation regularly done from industrial experts.
- Skill Development Programmers were conducted
- Under forum activity, we use to conduct various Guest Lecture and seminars by eminent persons on Communication Skills, Personality Development, and Technical exposures through Quiz competition, Technical Test, Rapid Task, Group discussion, Extempore, CRT and Aptitude Test etc.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at   the beginning of the year

- Various curriculum, co-curriculum and extra curriculum events conducted under forum
- One day workshop on "Sales-ford Cloud "
- Two days Workshop on "Web Development "
- Short Term Course on "Cloud Computing through ICT" (NITTTR) Chandigarh Sponsored by MHRD
- Seminar on "Embedded Technology"
- Alumni interaction by various Alumni's.
- Seminar on "Ethical Hacking"
- Guest lecture of various eminent personalities
- Industrial Tour and Visits
- ISR activity
- Parent Teacher Meet
- Project Competition for polytechnic students
- Teacher day celebration
- TG/CR Meet
- UG Project progress seminar
- Forum Installations

7.3 Give two Best Practices of the institution *(please see the format in the NAAC Self-study Manuals)*

Best Practices-I

Faculty Training for Enhancement of Teaching Learning Process fnd Soft-Skills Training for Students Excellence

For Faculty :
- To deliver subject knowledge effectively and improving competencies through guidance of experienced faculties.
- To learn effective time management while delivering lecture by maintaining interest of students.
- To develop commitment to life long learning.
- To understand student friendly teaching methodology and aids.

For Students :
- To deliver subject knowledge effectively and improving competencies through guidance of experienced faculties.

Best Practices-II

Practical Exposure and 360 degree development of the students
- Provide Internships for students of third year so as to get acquainted with industry standards and culture.
- Students Project evaluation is done by experts from industry on a regular basis.
- Online Students Feedback System.
- Add-on courses in ODD/EVEN semester to get acquainted with tools techniques and software apart from those in curriculum.
- Continuous monitoring and performance review.
- Guest speakers from esteem Institutes and Industry are invited quite often to deliver talks and interact with students so that the students are motivated to mold themselves suitably for scaling higher career levels.
- Prominent Industries are visited frequently by final year students
- Apart from chalk and talk institute also focus on NSS activities and Sport activities.
- Add-On courses are organized in ODD/EVEN semester to get acquainted with tools.

*Provide the details in annexure (annexure need to be numbered as i, ii,iii)

7.4 Contribution to environmental awareness / protection.

- E-governance-Awareness for minimum use of paper and stationary.
- Various students activities in environmental areas like poster making.
- Tree plantation apart from campus.
- Conducted a Green Audit.
- Rain water harvesting project.
- Pure and safe drinking water.
- Sustainable mechanism for solid waste disposal & efforts for Carbon Neutrality **(Vermi Compost)**
- E-waste Management disposal**(MoU with EcoCentric)**
- Plastic- Free Campus
- World Environment day celebrated.
- Awareness for immersion of eco-friendly Ganpati idol

7.5 Whether environmental audit was conducted?   Yes √   No ☐

7.6 Any other relevant information the institution wishes to add. (for example SWOC Analysis)

Strengths the institute are as below:
- Excellent infrastructure & State of art laboratories.
- Remarkable results.
- Institute carries ISR activities for the poor and needy of the society.
- Faculties are encouraged to enhance their academics. It includes attending workshops, seminars, conferences including higher studies.
- Students are encouraged to participate in various technical events so that they can increase their horizon of experience.
- Importance is given to development of soft and communication skills which is done through a separate unit under the title SST (Soft Skill Training).
- Institute has taken responsibility of developing aptitude skills. Free online facility is provided for this, faculties keep close watch towards the activity.
- Students achieved meritorious positions in university exams.
- Well stocked library which provides wide range of facilities to support studies access wealth of materials, equipment's and information.
- Strong connection between Teachers-Students-Parents.
- Lush green eco-friendly campus

Weakness

- Sticking to Academic schedule becomes difficult as university academic calendar and examination dates vary time to time.
- Lack of collaboration with higher level institutions.
- Alumni contribution for institutional development to be ensured in addition to placement support.

Opportunities

- Being part of Priyadarshini Group of Institutions, which is a leading group in imparting education, it can avail help of sister institutes.
- Joint research with international universities.
- Interdisciplinary research.
- Upgrading faculty through QIP.
- Strengthen industry institute interaction to give better industrial exposure to the students.
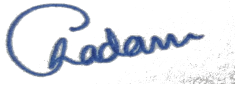
Challenges

- To attract academically good students due to competition
- To collaborate with esteem colleges / universities to promote student and faculty exchange program.
- Increasing the number of placement for slow learner
- To meet continuous changing requirement of the industry

8. Plans of institution for next year

- Organizing Conferences on Recent Trends on Engineering.
- Increasing the number of placement for slow learner
- Industry Certified Courses.
- Focus on National project on Digital India & Make in India
- Use of MOOCS.
- Permanent Affiliation.
- Collaboration with higher level Institutions.
- Preparation for NBA in near future
- Setup of Incubation Centre.

Name : Mrs. A. D. Kadam,

Name: Dr. A. M. Shende

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

_____ *** _____

Annexure 1
Academic Calender

Odd Semester (2017-18)

NOTE: - The dates mentioned for activities are subject to change depending on review of academics & other constraints

MONTH	DAY							No. of Working Days	Holidays/ Programs	Activities
	SUN	MON	TUE	WED	THU	FRI	SAT			
Jun-17					1	2	3	25	26th June Ramzan EID	15 - Commencement of Session
	4	5	6	7	8	9	10			
	11	12	13	14	15	16	17			
	18	19	20	21	22	23	24			
	25	26	27	28	29	30				
Jul-17							1	26		8 - Display of Assignment - 1
	2	3	4	5	6	7	8			
	9	10	11	12	13	14	15			17 to 22 - Class Test - 1
	16	17	18	19	20	21	22			
	23	24	25	26	27	28	29			Forum Activities
	30	31								Seminar
Aug-17			1	2	3	4	5	24	15th - Independence Day	5 - Display of Assignment - 1
	6	7	8	9	10	11	12			
	13	14	15	16	17	18	19		17th - Parsi New Year	18 to 24 - Class Test - 2
	20	21	22	23	24	25	26			
	27	28	29	30	31				25th - Ganesh Chaturthi	Industrial Visit
Sep-17						1	2	24	2nd - Bakri Eid	11 to 25 Sessional & Practical Exam
	3	4	5	6	7	8	9			
	10	11	12	13	14	15	16		30th - Dashehra	Forum Activities
	17	18	19	20	21	22	23			
	24	25	26	27	28	29	30			Guest Lecture
Oct-17	1	2	3	4	5	6	7	21	2nd - Mahatma Gandhi Jayanti	Socio Technical Activities
	8	9	10	11	12	13	14		12th - Moharam	STTP/ FDP/ Workshop
	15	16	17	18	19	20	21		19th – 21st Diwali	3 - Commencement of Uni Exam (Ex)
	22	23	24	25	26	27	28			24 - Commencement of Uni Exam (Regular)
	29	30	31							

Even Semester (2017-18)

NOTE: - The dates mentioned for activities are subject to change depending on review of academics & other constraints

MONTH	DAY							No. of Working Days	Holidays/ Programs	Activities
	SUN	MON	TUE	WED	THU	FRI	SAT			
Dec-17	31					1	2	25	25th Dec Christmas	18 - Commencement of Session
	3	4	5	6	7	8	9			
	10	11	12	13	14	15	16			
	17	18	19	20	21	22	23			
	24	25	26	27	28	29	30			
Jan-18		1	2	3	4	5	6	26	26th Jan Republic Day	8 - Display of Assignment - 1
	7	8	9	10	11	12	13			29th Jan to 03rd Feb - Class Test - 1
	14	15	16	17	18	19	20			Guest Lectures and Workshops
	21	22	23	24	25	26	27			Forum Activities
	28	29	30	31						
Feb-18					1	2	3	22	13rdFeb Mahashivratri	12 - Display of Assignment - 2
	4	5	6	7	8	9	10			
	11	12	13	14	15	16	17		19th - Shivaji Maharaj Jayanti	26th Feb to 05th Mar - Class Test - 2
	18	19	20	21	22	23	24			Placement Drive
	25	26	27	28						
Mar-18					1	2	3	25	2nd - Holi	Industrial Visit
	4	5	6	7	8	9	10			
	11	12	13	14	15	16	17		30th - Good Friday	Forum Activities
	18	19	20	21	22	23	24			
	25	26	27	28	29	30	31			Guest Lecture
Apr-18	1	2	3	4	5	6	7	23	14th - Ambedkar Jayanti	11th to 25th Sessional &Internal Practical Exam
	8	9	10	11	12	13	14		29th – Mahavir Jayanti	STTP/ FDP/ Workshop/Extension Activities/Socio-Technical Activities
	15	16	17	18	19	20	21		30th-Buddha Pournima	3rd - Commencement of Uni Exam (Ex)
	22	23	24	25	26	27	28			30th - Commencement of Uni Exam (Regular)

Annexure 2

Feedback Analysis Report

1) **Feedback by student**

Name of the College / Institute : Priyadarshini J.L.College of Engineering

Branch / Semester : **CIVIL ENGINEERING-III SEM**   Date :28/08/2017

Write only one grade (out of A/B/C/D) against each option for each subject.

A) - Excellent (B) - Good (C) - Satisfactory (D) Unsatisfactory

NOTE :

1. Do not write names & Roll No. Also no signature.

2. Avoid overwriting

S.N.	Name of Subjects	Mathamatics - III	Strength Of Material	Environmental Engineering - I	Engineering Geology	Concrete Technolog
	Name of the Teacher who taught	Prof.Jaiswal V. K.	Prof. Pidurkar M. D.	Prof. Chintanwar YD.	Prof. Bute R.S	Prof. Sapate O.V.
1	Clarity and Audibility of speech in the classroom					
2	Handwriting and Use of the blackboard					
3	Effective utilization of the lecture time					
4	Efforts taken to explain the subject matter					
5	Use of practical examples and illustrations during teaching					
6	Interaction with the students					
7	Coverage of syllabus till date					
8	Uniformity in coverage of the syllabus					
9	Timely evaluation of Internal exam papers.					
10	Display of question bank					
11	Display of model answer papers					
12	Solving university /Board question papers in classroom					
13	Use of modern teaching aids					
14	Discussion of topics beyond syllabus					
15	Accessibility and readiness for guidance outside the classroom					

FEEDBACK ANALYSIS REPORT

Name of College : Priyadarshini J. L. College of Engineering, Nagpur
Branch : BE in Electronics & Telecommunication Engineering
Subject : Electromagnetic Field

Semester : 4th Semester
Section : A
Name of Teacher : Prof. Jayshri Annabhau Shelke

Monday 18 Jun, 2018

Sn.	Question	Grades				Marks Scored				Total Max. Marks	
		A	B	C	D	Diff. Wt.	Total With Diff. Wt.	Eq. Wt.	Total With Eq. Wt.	Diff. Wt.	Eq. Wt.
1	Clarity and Audibility of speech in the classroom	35	8	0	2	3	597	1	199	675	225
2	Handwriting and Use of blackboard	37	4	2	2	2	402	1	201	450	225
3	Effective utilization of the lecture time	40	3	0	2	2	418	1	209	450	225
4	Efforts taken to explain the subject matter	33	9	0	3	3	576	1	192	675	225
5	Use of practical examples and illustrations during teaching	32	6	3	4	2	368	1	184	450	225
6	Interaction with the students	32	10	2	1	2	388	1	194	450	225
7	Coverage of syllabus till date	28	11	5	1	3	549	1	183	675	225
8	Uniformity in coverage of syllabus	25	12	6	2	2	346	1	173	450	225
9	Timely evaluation of Internal exam papers	32	11	1	1	2	390	1	195	450	225
10	Display of Question Bank	34	8	2	1	2	396	1	198	450	225
11	Display of Model Answer papers	32	7	3	3	2	374	1	187	450	225
12	Solving University / Board question papers in classroom	33	8	3	1	2	390	1	195	450	225
13	Use of modern teaching aids	26	11	3	5	1	169	1	169	225	225
14	Discussion of topics beyond syllabus	32	8	3	2	1	190	1	190	225	225
15	Accessibility and readiness for guidance outside the classroom	33	9	2	1	1	196	1	196	225	225
	Total	484	125	35	31	30	5749	15	2865	6750	3375
				675		% By Diff. Wt.		% By Eq. Wt.		Average	
	Percentage	71.70	18.52	5.19	4.59	85.17		84.89		85.03	

Print Excel

2) **Feedback by student (infrastructure)**

Lokmanya Tilak Jankalyan Shikshan Sanstha's

PRIYADARSHINI J. L. COLLEGE OF ENGINEERING, NAGPUR

846, New Nandanvan Layout, Nagpur – 440 009

STUDENT FEEDBACK FORM
(College & Infrastructure)

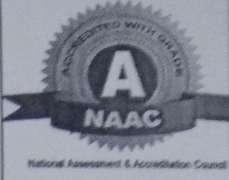For each of the following questions, please select (√) given option according to your rating (level of experience).

Sr. No.	How would you rate the following	Excellent	Very Good	Good	Average
1	Greenery in the college campus	✓			
2	College building		✓		
3	Parking Place				✓
4	Class Room infrastructure			✓	
5	Laboratories		✓		
6	Washroom (cleanliness & maintenance)			✓	
7	Drinking Water facility			✓	
8	Sport Facility (equipment and amenities)				✓
9	Canteen facility			✓	
10	Overall cleanliness and maintenance of college premises	✓			

Please suggest your views for betterment of the college campus:

Covered parking is required.

Thank you , we appreciate your feedback.
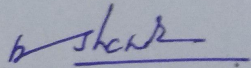
3) **ATR on Student Feedback Analysis (infrastructure)**

Date: - 26/02/2018

ACTION TAKEN REPORT

After receiving student feedback (Infrastructure) report by Committee and keeping in view concluding remarks following actions were taken.

- As, It is a very beautiful campus with no complaints regarding cleanliness and greenery. The environment is Eco-friendly. So, continuously strive to maintain the same.
- Arrangement of more dustbins so that dustbins should be easily available.
- Decision of continuation of proper maintenance in infrastructure, parking place, drinking water facility and washrooms.
- The College campus is fully Wi-Fi enabled which can be accessed by students and staff members.
- The College has also outsourced a photocopier outlet to provide photocopy, printing, compiling and binding facilities to its students and staff. The outlet opens on all working days during College hours. So, continued the same.

Dr.A.M.Shende
Principal, PJLCE

4) **Feedback by Parent**

Lokmanya Tilak Jankalyan Shikshan Sanstha's

PRIYADARSHINI J. L. COLLEGE OF ENGINEERING, NAGPUR

846, New Nandanvan Layout, Nagpur – 440 009

PARENT FEEDBACK FORM

Name of Parent : B. C. Mukherjee

Name of Ward : Subrotho Mukherjee

Year/Semester: 2nd / 3sem

Name of Branch: Electrical Engeneering

Note: Parent are important stakeholders for the institute, therefore your satisfaction is important to us. Parents are requested to give their feedback on the following features/facilities provided by the college to their ward. Please rate each feature and select appropriate option with (√).

1) Are you satisfied with the college campus infrastructure and facilities? — Yes ✓ No

2) Are you given prior intimation aboutthe academic calendar? — Yes No ✓

3) Are you aware about Teacher-Guardian of your ward? — Yes ✓ No

4) Do you receive progress of your ward through SMS? — Yes ✓ No

    A) Unit test -I marks? — Yes ✓ No

    B) Unit test -II marks? — Yes ✓ No

    C) Sessional Marks? — Yes ✓ No

    D) Monthly attendance? — Yes ✓ No

5) Have you ever communicated with theTeacher - Guardian of your ward? If yes, How often? — Yes No

once in a week		once in a month	✓	once in a year	

6) Are you aware of soft skill training that has been provided to your ward? — Yes No ✓

7) Have you ever approached for assistance from the psychologist,specially appointed for Counselling of parents and students?
If yes, how often? — Yes No ✓

once in a week		once in a month		once in a year	

8) How would you like to contribute towards the development of the college? Select the option (√) for organizing any of the activities mentioned below:

Health Camp

Industrial Visit, Tours

Workshops

Seminars

Social Activities

Guidance on GATE, GRE, TOEFL and competitive exams

Expert lecture

Any other-

- Communication skill.
= Computer application 87 etd.

9) Please suggest your views for the improvement of college facilities:
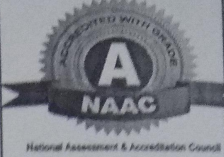
Knowge of various organisation for Jobs opportunities, Participation for competitive Exam. at collage!-

Name and Signature of Parent

B. C. Murthy uy

Thank you, we appreciate your feedback.
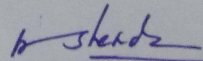
5) ATR on Feedback analysis by Parent

Lokmanya Tilak Jankalyan Shikshan Sanstha's
PRIYADARSHINI J. L. COLLEGE OF ENGINEERING, NAGPUR
Accredited with Grade "A" by NAAC
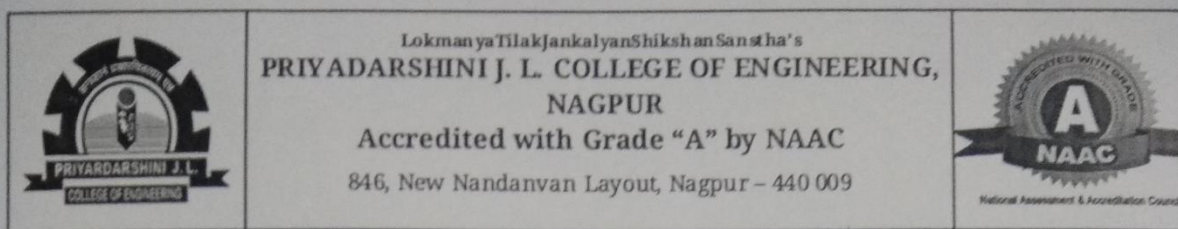846, New Nandanvan Layout, Nagpur – 440 009

Date: - 30/01/2018

ACTION TAKEN REPORT

After receiving parent feedback report by Committee and keeping in view concluding remarks following actions were taken

- As College has been accredited with grade A by NAAC and highly appreciated by parents, so college would like to assure parents for sustenance of quality in providing education to their wards.
- Organization of various extracurricular activities, industrial tours and visits etc.. alongwith academic progress of their ward.
- Organization of bridge course, Add on courses, soft skill training will be continued to cope up the gap between academics and rapidly changing technologies.
- Parents supported to arrange few of the activities for the progress of college. College appreciate such support by parents and expect more contribution in future.

Dr.A.M.Shende
Principal,PJLCE

5) **ATR Feedback analysis by Alumni**

Lokmanya Tilak Jankalyan Shikshan Sanstha's

PRIYADARSHINI J. L. COLLEGE OF ENGINEERING, NAGPUR

Accredited with Grade "A" by NAAC

846, New Nandanvan Layout, Nagpur – 440 009
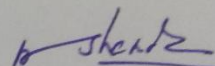
Date: - 26/02/2018

ACTION TAKEN REPORT

After receiving Alumni feedback report by Committee and keeping in view concluding remarks following actions were taken.

- As College has been accredited with grade A by NAAC, so during alumni meet appeal has been made for more contribution by Alumni in their capacity for sustenance of quality.
- Frequently arranged Industry visits by all departments for practical exposure to students.
- Conduction of aptitude examination alongwith curriculum examinations continued.
- Organization of seminars by alumni's in key areas of their domain.
- More number of MOU's were signed to enrich institute industry interaction.

Dr.A.M.Shende
Principal,PJLCE

Annexure 3
Student Activities(NSS, Sports, Cultural)

A. NSS Report for session 2017-18

Sr. No.	Activity	Duration	Participants	No. of students Participated
1	Awareness about Sun Protection	17-03-2017	Nss Students, coordinator, NSS incharge , NSS Co-Incharge	27
2	Tree Plantation	17-03-2017	NSS students, Principal Dr. A.M.Shende, , NSS incharge , NSS Co-Incharge	45
3	Yoga Day	21-06-2017	NSS students, Principal Dr. A.M.Shende, , NSS incharge , NSS Co-Incharge	33
4	Swachhata Pakhwada	05-08-2017 and 02-10-2017	Nss Students, coordinator, NSS incharge , NSS Co-Incharge	75
5	Debate Competition on Sex determination	12-09-2017	NSS students, Judge by college Faculty	24
6	Constitutional Rally	26-11-2017	NSS students, Principal Dr. A.M.Shende, , NSS incharge , NSS Co-Incharge	37
7	Cloth Donation	08-02-2018	NSS studens, Dr. Dattatray Kakde,	25
8	Blood Donation camp	07-03-2018	NSS students, Principal Dr. A.M.Shende, , NSS incharge , NSS Co-Incharge, and college students	73

B. Sport Activity Report for session 2017-18

S.N.	Sports Events	Organized by	No of participants
1	Cross Country	RTMNU	06
2	Kabaddi	RTMNU	12
3	Swimmimg	RTMNU	02
4	Kho-Kho	RTMNU	22
5	Chess	RTMNU	12
6	Volleyball	RTMNU	10
7	Cricket	RTMNU	15
8	Badminton	RTMNU	12
9	Fencing	RTMNU	03

Swimming: Mr. Nakul Bhoyar (Gold Medal-1500m freestyle, 400m freestyle)

Kho-Kho (Girls)

Kabaddi (Boys)

Chess (Boys)

C. TARANG-18 – An Annual Gathering Organized at PJLCE, Nagpur

With the vision to create a celebration that draws together the entire PJLCE student community in a day filled with fun and entertainment to celebrate with our college. All the entertainment of this year PJLCE celebrated TARANG-18 with Traditional Day, Mehendi, Nail art, Treasure hunt, Rangoli, Singing, Art gallery, Fete, Flower decoration, Kisme Kitana Hai Dum, an interdepartmental competition, Film & Ad making & Cultural evening on 11th & 12th January 2018. Total 792 students were participated in various events to show their talent. In this great event PJLCE felicitated the   students who show outstanding performance in RTMNU examination with academic excellence award. PJLCE students and faculties enjoyed these two days with zeal and enthusiasm.

Sr. No.	Events	Total Students Participated
1.	TARANG-18 Inauguration, Dance	60
2.	Traditional Day	26
3.	Art Gallery	26
4.	Funky dress	13
5.	Mehandi , Nail & Tattoo	37
6.	Rangoli	08
7.	Treasure Hunt	197
8.	Anand Mela (Fete)	76
9.	Flower Decoration	07
10.	Dancing	163
11	Film Making and ad Making	25
12.	Singing	15
13.	Fashion Show	56
14.	Kisame kitana Hai Dum an interdepartmental competition	32
15.	Wall painting	51
Total Students Participated		**792**

Annexure 4
List of Program
A. Self Financing Program list

Department	Name of Program	Date	No. Of Participants
CSE	Intercollegiate Technical Competition "TechTrix-2K18"	10-03-2018	310
EN/ETC	Poster & LOGO designing Competition on Latest trends in Electronics	05-09-2017	68
	BEST from WASTE	05-09-2017	70
	Project Competition	13-04-2018	78
	Project Competition	13-04-2018	25
	Power point Presentation	13-04-2018	25
EE	Poster Making Competition on Non Conventional Energy sources	12-01-2018	120
	BEST from WASTE	05-09-2017	70
	Project Competition	13-04-2018	120
	Project Competition	13-04-2018	40
	Power point Presentation	13-04-2018	35
First Year	A,B, C of Engineering Chemistry	28-07-2017 to 02-08-2017	170
	A pathway to Engineering Physics	28-07-2017 to 02-08-2017	170
	Basics of Applied Mathematics	28-07-2017 to 02-08-2017	170

B. Value Added Program list

Department	Name of Program	Date	No. Of Participants
CSE	Short Term Course on "Cloud Computing through ICT" (NITTTR) Chandigarh Sponsored by MHRD	23-10-2017 to 27-10-2017	57
	Seminar on "Embedded Technology" by Mr.Parag Thembhurne, Prolific Systems and Technology	12-09-2017	66
	Workshop on "Sales-force Cloud" by	09-09-2017	79

	Mr.Shailesh Atram, Persistent System Ltd. Nagpur.		
	Seminar on "Ethical Hacking & Cyber Forensic" by Mr. Manoj Rai Network HUB Nagpur.	04-08-2017	61
	Training Session on Core Java Technology by Prof. Ashish P. Mohod	22-07-2017 to 23-09-2017	45
EN ETC	Seminar on MATLAB & Simulink Software	12-08-2017	70
	Workshop on MATLAB & Simulink Software	15-09-2017 to 16-09-2017	70
	Seminar on Embedded Systems	14-10-2017	12
	Two Days Workshop PCB designing using ORCAD	12-01-2018 to 13-01-2018	60
	Two Days Workshop ROBOTICS & Automation	09-02-2018 to 10-02-2018	60
EE	Seminar on MATLAB & Simulink Software	02-04-2018	120
	Workshop on MATLAB & Simulink Software	02-04-2018	35
	Seminar on ETAP Software	09-02-2018	09
	Two Days Workshop MATLAB & Simulink Software	2-04-2018	40
CIVIL	Workshop on "Application of STAAD PRO"	05-03-2018 to 05-04-2018	25
First Year	A,B, C of Engineering Chemistry	28-07-2017 to 02-08-2017	170
	A pathway to Engineering Physics	28-07-2017 to 02-08-2017	170
	Basics of Applied Mathematics	28-07-2017 to 02-08-2017	170

C. Career Oriented programs

Department	Name of Program	Date	No. Of Participants
CSE	Two Days Workshop on "Web Development" by Mr. Ram Ganmode and Mr. Harish Chopkar	20-01-2018 to 21-01-2018	62
EN/ETC	How to Succeed in GATE Examination	27-01-2018	65

	Personality development and Communication Skills	17-02-2018	65
EE	How to Succeed in GATE Examination	27-01-2018	45
	Automation in Industries	14-02-2018	60
	Personality development and communication Skills	17-02-2018	95

D. Extension Activities

Department	Name of Program	Date	No. Of Beneficiaries
CSE	Workshop on PPT Presentation for School Teachers	02-04-2018	25
	"Itti si khushi" Cloth donetion program to needy people by students	09-10-2018	04
EN/ETC	Tree Plantation	10-10-2017	--
	Fruits Distribution	10-10-2017	45
	Fan and Carpet Distribution	10-10-2017	40
EE	Tree Plantation	10-10-2017	--
	Fruits Distribution	10-10-2017	45
	Fan and Carpet Distribution	10-10-2017	40

E. Institutional Social Responsibility

Department	Name of Program	Date	No. Of Participants
CSE	Winaaz for Students of West Zone	17-04-2018	200
EN/ETC	Winaaz for Students of South Zone	17-04-2018	250
Electrical	Winaaz for Students of East Zone	17-04-2018	200
Civil	Winaaz for Students of Center Zone	17-04-2018	200

Annexure 5
Hardware based project list

Sr. No.	Project Name
Computer Science & Engineering	
1	Automatic Trolly System Using Rasberry Pie.
Electronics & Telecomm. Engg.	
1	Electronic Private Automatic Branch Exchange.
2	Micro-controller Based Quiz Buzzer for 4 Player.
3	Electronic Notice Board.
4	Automatic Vacuum Cleaner Robot.
5	Aurdino based voice controlled system.
6	Aurdino Based IOT control.
7	Implementation of Touchscreen Digital Menu Card for Hotel.
8	Design & Fabrictaion of Fully Automated Solar Grass Cutter.
9	Smart & Safety Helmet for a Rider.
10	Agricultural Robot.
11	Automatic staircase climbing platform.
12	Low Cost Automatic Water Purifier.
13	IOT based Health Monitoring System using ARM7.
14	Industrial Environment Monitoring System using AVR328.
15	Solar Wind Hybrid Energy Generation System.
Electronics Engineering	
1	AADHAR based voting machine.
2	Door bell notification with image capturing and send using email.
Electrical Engineering	
1	Amazing painting machine for smart cities.
2	Solar operated water cleaning Robot.
3	Multipurpose Agriculture robot.
4	Smart Thermoelectric Medication box.
5	Pesto-o-flash in farming application.
6	Solar simulator kit.
Civil Engineering	
1	Comparative Study Of FRC With Different Percentage Of Steel Fiber For Aspect Ratio 55.
2	Experimental Analysis On Bottom Ash and Pond Ash Based Mortar Replacement With Fine Aggregate.
3	Comparative Study Of FRC For Same Aspect Ratio With Different Percentage of Steel Fiber.
4	Comparative Study Of Cement Mortar Proportion By Using Various Types of Sand With Reference to Strength And Work-ability.
5	Use Of Waste Pet Bottles In Wall Construction.

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

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