AQAR REPORT REVIEW

PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING

Aishe id :	C-18500
Submitted for :	2021-2022
Submitted Date :	24/02/2023 04:13 PM
Reference AQAR Link :	Click here
Over all Comments :	I reviewed the AQAR and no need for further edition of AQAR by HEI
Acceptance date :	14/03/2023

Review/Re-open History

SL NO	Comments by Officer	Review Date	Response of Institution
1	Dear Sir/ Madam, Upon scrutinizing, It is observed that in Part A Ø Sl. no. 3- Provide the active web link for AQAR (PRIVIOUS ACADEMIC YEAR) i.e. 2020-21. (The provided link is not opening) In Part B 4.4.2 – Provide the direct web link of procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc, with the head of the institution seal and signature. 7.3.1 - Provide the direct web-link of Institutional Distinctiveness with the head of the institution seal and	27/02/2023	We have complied with all the queries and uploaded the required documents and resubmitting the AQAR for 2021-2022.

YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	Priyadarshini Bhagwati College of Engineering, Nagpur.
• Name of the Head of the institution	Dr. N.K. Choudhari
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	07122710281
• Mobile No:	9823273864
• Registered e-mail	principalpbcoe@gmail.com
• Alternate e-mail	drnitinchoudhari@gmail.com
• Address	Harpur Nagar, Umrer Road. Near Bada Tajbagh
• City/Town	Nagpur
• State/UT	Maharashtra
• Pin Code	440024
2.Institutional status	
• Affiliated / Constitution Colleges	
• Type of Institution	Co-education
• Location	Urban

• Financial Status	**Self-financing**
• Name of the Affiliating University	**Rashtrasant Tukadoji Maharaj Nagpur University**
• Name of the IQAC Coordinator	**Dr. (Mrs.) A. R. Chaudhari**
• Phone No.	**9823285684**
• Alternate phone No.	**07122710281**
• Mobile	**9823285684**
• IQAC e-mail address	**pbcoeiqac@gmail.com**
• Alternate e-mail address	**arcbce@gmail,com**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.pbcoe.edu.in/assets/AQAR-2020-21/AQAR-2020-21.pdf
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.pbcoe.edu.in/naac_academic_calendar

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B**	**2.16**	**2017**	**27/11/2017**	**26/11/2022**

6.Date of Establishment of IQAC	**03/02/2016**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nil	**Nil**	**Nil**	**Nil**	**Nil**

8.Whether composition of IQAC as per latest NAAC guidelines	**Yes**
• Upload latest notification of formation of IQAC	View File

9.No. of IQAC meetings held during the year	3	
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	Yes	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	View File	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
• If yes, mention the amount		

11.Significant contributions made by IQAC during the current year (maximum five bullets)
Conducted Academic and administrative audit, Green Audit and Energy Audit Conducted National Conference on 'innovative Technologies in Agriculture" Conducted One Day workshop on Outcome based Education for teaching staff Installation of English club and innovation Club at College level Conducted quizzes, seminars and other activities for teachers and students

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

Plan of Action	Achievements/Outcomes
To conduct Internal and External Academic Audit	Internal and External Academic Audit was conducted. Department wise subject experts performed the audit and verified the existing processes and suggested the changes required.
To Conduct of Green Audit and electric audit	Green Audit and electric audit was conducted
To Apply for NIRF ranking Institute	Applied for National Institutional Ranking Framework (NIRF), MHRD, Government of India.
To Increase Industry Institute Interaction Activities	Students worked on industry based project Industrial visits

	were organized MOU signed up with various organisations Students completed Industry Interships.
To Conduct various conferences / STTP /FDP/ Workshops / Seminars etc.	National Conference, Various Workshops and Expert Lectures for Students and Teachers were organized.
To Motivate faculty members to pursue Ph. D.	Faculty members were made aware about the Ph. D. Entrance Examination of Affiliated university and NITs. Many faculty members appeared for the examination and few could qualify and registered for the research work.Few faculty members have been awarded Ph.D.
To collect feedback from students and parents and teachers feedback on curriculum.	Feedback was collected and analyzed from students and parents. Feedback from teachers on curriculum. was collected and analyzed
To conduct students satisfaction survey	Students satisfaction survey was conducted through ERP
To Prepare Perspective plan for all the departments of the institute	In the IQAC meetings, few departments prepared and presented their perspective plan.

13.Whether the AQAR was placed before statutory body?	**Yes**

- Name of the statutory body

Name	Date of meeting(s)
College Development Committee	23/10/2021

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2021	23/02/2022

15.Multidisciplinary / interdisciplinary

To create an interdisciplinary exposure to students in our college we are conducting various technical activities like project competition, seminars etc.In addition to this for final year projects students are motivated to carry out projects that involves the role of faculty from other departments also.

16.Academic bank of credits (ABC):

It is in process and will be implimented in due course of time.All students have already registered on ABC portal and the details are compiled.

17.Skill development:

At college level we have various cells to enhance the various technical as well as social skills of students . To do this we organize various intradepartment and Intercolligiate activities for the students.We have already established English club, Robotics club, Innovation club at College level. We are planning to start photography club, Coding club, performing arts club at College level.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

Faculty and students are motivated to make the use of Indian language while teaching.They are encouraged to do online courses to enhance their language skills.We always strive hard to promote and preserve Indian culture through various programs at our Institute. We have started language club at college campus.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

As per NEP 2020 we are focusing on Outcome based education.We are using various innovative teaching practices to achieve learning outcome.IQAC have organized workshops on Outcome based education and CO PO mapping.

20.Distance education/online education:

Students and faculty members are encouraged to do online certification through NPTEL, Swayam portal.

Extended Profile

1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	**331**

File Description	Documents
Data Template	View File

2.Student	
2.1 Number of students during the year	**1142**

File Description	Documents
Data Template	View File

| 2.2

 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year | **1001** |

File Description	Documents
Data Template	View File

| 2.3

 Number of outgoing/ final year students during the year | **318** |

File Description	Documents
Data Template	View File

3.Academic	
3.1 Number of full time teachers during the year	**66**

File Description	Documents
Data Template	View File

| 3.2 | **65** |

Number of Sanctioned posts during the year	

File Description	Documents
Data Template	

4.Institution

4.1 Total number of Classrooms and Seminar halls	**39**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**485.70**
4.3 Total number of computers on campus for academic purposes	**585**

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

For effective implementation of curriculum at college levels following steps are taken. Principal of the college initiate the process by conducting meeting at Head level of all the departments. The Principal also conducts the meetings of various central portfolios in charges. The Heads of various departments then conducts the meeting at department level and plans various strategies for implementation of curriculum. The stepwise strategies for effective implementation of curriculum are as follows: 1.Being affiliated to RTM Nagpur University, we follow the academic calendar proposed by the University every year. Based on this academic calendar the college level academic calendar is prepared, stating the commencement date, last working date, schedule for various academic activities, dates for conduction of internal assessment tests and schedule for various co-curricular

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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

The evaluation system adopted by the Institute has various components: 1. Assignments 2. Class Assessment Test-I and II (CATI and II) 3. Sessional examination 4. Attendance and class room performance 5. Lab performance 6. Viva voce 7. Industry visit and site visit 8. Project 9. Mini Project 10. Seminar examinations Pattern for Continuous evaluation Class Assessment Test-I (CAT-I)

which is based on Unit 1 and Unit 2 of syllabus. Class Assessment Test-II (CAT II) which is based on Unit 3 and Unit 4 of syllabus .

Two Assignments are given in each semester. Unit wise question banks are provided for all subjects.Two class tests are conducted in a semester.Sessional Examination is conducted once at end of the session based on University exam pattern which covers complete syllabus.Internal Practical Examination is conducted at end of the semester.

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 done as per the schedule given in academic calendar. The Academic Calender mentions various co curricular, extra curricular and technical activities.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	NIL

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the	**A. All of the above**

following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

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

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

5

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

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

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

01

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

83

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

83

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

Sustainability, Human Values and Professional Ethics into the Curriculum The valuable programs offered in the institution have assimilated the cross cutting issues relevant to , Human Values and Professional Ethics in the curriculum. The curriculum designed by the RTMNU itself includes many of these aspects, such as the courses namely, Universal Human Values, Consumer Affairs and Effective Technical Communication in the Third Semester and IndianCulture and Constitution in Second Semester for all students of Undergraduate Programs. Gender Sensitivity: Worthy efforts have been taken by the Institution to integrate traverse issues relevant to Gender sensitivity. To motivate the girl students institute has conducted the advanced skill development program to build up their confidence as an engineer. Besides this, at the institutional level, Gender Sensitivity and Gender Sensitization is accomplished through various programs by the women's cell. Celebration of International Women's Day, and Programs on "Hygiene and General Health" are organized.

Environmental Sustainability The Multi dimension of environment and sustainability, finds precious space when it comes to applying it into the curriculum. To educate the students regarding the environment, courses like Environmental Studies is offered as an audit course for III & IV Semester learners of the Undergraduate Programs. This Course is designed in such a way that it focuses on sustainable development, Renewable Resources, Eco-Systems, Bio – Diversity, Environmental Pollution and Rain Water Harvesting.

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

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

5

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

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

441

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	D. Any 1 of the above

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

1.4.2 - Feedback process of the Institution may be classified as follows	C. Feedback collected and analyzed

File Description	Documents
Upload any additional information	View File
URL for feedback report	Nil

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

338

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

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

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

273

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

Slow Learners:The slow learners are identified based on the performance of students in the CAT1, sessional examination and during the practical performance in the lab.If the student gets less than 50% marks in CAT1 or sessional examination , such students are identified as slow learners. The extra classes are arranged after the declaration of result of respective examination in the zero hour to solve their difficulty in the question paper. Then the topics that are most difficult / topics that were not understood by the students during the regular classes are covered by the subject teacher. Advanced Learners:The advanced learners are identified using the score obtained by the students in the respective examination. Generally the students scoring marks above 80% are advanced learners or the students having some skillset. These students are separately taught by the respective subject teacher and provided with additional question bank to obtain the good rank in the university . If the students are with some additional skill set , they are asked to deliver their skills to their juniors like conduction of workshops etc.

File Description	Documents
Link for additional Information	NIL
Upload any additional information	View File

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

Number of Students	Number of Teachers
1142	66

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

The institute has well framed structure for enhancing learning of the concepts for students as per the guidelines issued by University in the syllabus. In every semester the subjects having practicals are performed in the laboratories, guided by the faculties to learn the concepts of the subjects. This includes working on machines, programming, and electronics board experiments and so on. This provides the experiential learning to the students through observation and involvement. In addition to this at VII and VIII semester level project based subjects are included in the syllabus. In the mini-project and mega-project, students work in a team to define, analyze and solve the technical problem having some novelty related to their branch and develop useful model or system. This project based activity inculcates participative learning in the students as every student works as part of team and are assessed through seminars and demonstration of the project work. Institute has well defined and well executed assignment policy for each subject and in each semester. Faculties give the two assignments in each semester for each subject based on the syllabus covered. The assignments are mostly problem oriented which required subject knowledge and skills to solve the same.

File Description	Documents
Upload any additional information	View File
Link for additional information	NIL

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

Institute has a focused approach which is student centric and student directed, towards ICT based teaching-learning process. Dean Academics issues guidelines and framework through meetings with Heads for the implementation of ICT based teaching activities at the dept level. Most of the Classrooms in the various departments are equipped with Desktop PC, mounted LCD projector,Camera and Mike with high speed Internet connection. This set up is used by the faculties to teach the subject contents through PPT presentations, video lectures of NPTEL, Youtube videos. This set up is also used for hybrid mode of teaching which includes offline as well as online teaching. For student's seminars and project presentation also same infrastructure is used to boost the confidence of the students. Many faculties have prepared some video lectures for their subjects on specific advanced topics and are uploaded on Youtube and shared with students. For every subject in each semester the faculties create and maintain the Google classroom to share the teaching material like notes, question bank, assignments. Online MCQ based quiz and exams are also conducted by faculties for greater understanding of the concepts. Faculties make use of digital platforms like Google meet, Zoom, Webex etc for online teaching.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	NIL

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

2.3.3.1 - Number of mentors

66

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	[View File](#)
Circulars pertaining to assigning mentors to mentees	[View File](#)
mentor/mentee ratio	[View File](#)

2.4 - Teacher Profile and Quality

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

66

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	[View File](#)
Any additional information	[View File](#)
List of the faculty members authenticated by the Head of HEI	[View File](#)

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

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

18

File Description	Documents
Any additional information	[View File](#)
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	[View File](#)

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

2.4.3.1 - Total experience of full-time teachers

570

File Description	Documents
Any additional information	[View File]()
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	[View File]()

2.5 - Evaluation Process and Reforms

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

For the AY 2021-22internal assessment system consist of the components: 1. Class Assessment Test-I 2. Sessional examination 3. Attendance and class room performance 4.Lab performance 5. Conduction of Internal Practical Examination using Google form 6.Online Viva voce 7. Online Project Seminar 9. Online Demo of mini and mega Project . Online Examination Pattern for Class Assessment Test-I (CAT-I) and sessional exammination : CAT-1 is based on Unit 1 and Unit 2 of syllabus and the students receive the question paper either on google classroom or on their respective whatsapp group. After solving the paper on pages within the stipulated time, the scanned answer sheet is sent to the respective teachers for evaluation purpose. Unit wise question banks and viva voce questions are provided for all subjects.Sessional Examination is conducted once.Department displays the marks obtained by the students.Practical Examination: Internal Practical Examination is conducted at end of the session.Evaluation of Practical Examination is done based on different parameters like Teachers Assessment, Practical Records , Viva-Voce and performance.The mini and mega projects are continuolsy assessed by the respective guides allotted to the student groups consisting of 4/5 students . The seminars on project progress are conducted.

File Description	Documents
Any additional information	[View File]()
Link for additional information	Nil

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

Class Assessment Test1 (CAT1): After CAT1 examination of each individual subject, the teacher immediately display the marking scheme as per the questions and model solution. The result of CAT1

is displayed after seven days after the examination . If any student feels that he got less marks then CAT paper is again reassessed in front of him to clear his doubt. Sessional Examination: Due to Covid-19 Pandemic situation , the sessional examination is conducted online using Google form consisting of MCQs . The anser key is immediatelly relased after the end of examination by the subject teacher to cross verify the answer. In case of doubt about the marks or answer key, the student discusses with subject teacher. Internal Practical Examination: Internal Practical examination consist of conduction of online MCQ based exam using google form and providing the answer key immediately after the submission of examination. In case of doubt regarding marks or answer key , the students discuss with respective subject teacher. Online viva-voce is conducted in group of 5 students and viva marks are alloted as per the answers given by students.The evaluation is designed for the presentations having criteria quality of problem formulation, literature analysis, presentation.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

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

PROGRAMME OUTCOMES, PROGRAMME SPECIFIC OUTCOMES, COURSE OUTCOMES Mechanism of Communication: The College adopts Outcome based education rather than previous .The following mechanism is followed by the institution to communicate the learning outcomes to the teachers and students. Graduate attributes are described to the first year students at the commencement of the programme. At least five hours are spent by the teachers for introducing the subject to the Students Learning Outcomes of the Programs and Courses are observed and measured periodically. Soft Copy of Curriculum and Learning Outcomes of Programmes and Courses are uploaded on the Institution website forreference The importance of the learning outcomes has been communicated to the teachers in every IQAC Meeting and Staff Meeting. The students are also communicated about the Programme outcomes, Programme Specific Outcomes and Course outcomes through Tutorial Meetings Demonstrate thorough conceptual understanding in the core areas of all the subjects with the support of mathematics. Identify the most relevant concepts that arise in

everyday life, and devise a strategy in order to arrive at the solutions in the respective subjects and are made to understand the connection between key concepts and applications. Use software tools and coding at a level necessary.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	[https://www.pbcoe.edu.in/naac_POs_PSOs_PEOs_CO](#)
Upload COs for all courses (exemplars from Glossary)	[View File](#)

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

Our Institute is affiliated to Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur. We offer Under Graduate, Post Graduate courses under the Faculty of Engineering & Technology. For these courses, the institute followed the curriculum designed by our affiliateduniversity. The Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution and the same are communicated to the students in the formal way of the discussion in the classroom and departmental notice board. After measuring attainment of POs , PSOs and COs, it has been observed that the strength of the students as well as passing percentage of the students is increasing progressively. Besides, students' progression to the higher studies that is from Under Graduate to Post Graduate seems to be increasing consistently in the last five years. In a similar way, the ratio of students' placement is also increasing. We took utmost care of measuring the level of attainment of POs, PSOs and COs and followed formal as well as informal mechanism for the measurement of attainment of the outcomes. Even we took feedback from all the stakeholders in this respect and try to take necessary steps accordingly.Subsequently, the College took care attainment to measure PO, CO.s

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional information	https://www.pbcoe.edu.in/naac_POs_PSOs_PEOs_CO

2.6.3 - Pass percentage of Students during the year

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

318

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	**Nil**

2.7 - Student Satisfaction Survey

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

https://pbcoe.edu.in/naac_iqac_SSS

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

Nil

File Description	Documents
Any additional information	**No File Uploaded**
e-copies of the grant award letters for sponsored research projects /endowments	**No File Uploaded**
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

00

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	**No File Uploaded**
Supporting document from Funding Agency	**No File Uploaded**
Paste link to funding agency website	**Nil**

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

21

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

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

the year

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

54

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

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

29

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

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

Our Institutepromotes institution – neighbourhood - community network and student engagement, contributing to good citizenship, service orientation and holistic development of students. The Institute provides the students with an opportunity to extend their classroom knowledge into practical experience and to sensitize students to social issues. Through its diverse community-oriented programmes and activities focused at holistic development of students with community. Co - curricular and extracurricular activities of the college aim at: ¸ Developing a sense among students about attachment to the community ¸ Learning to utilize their knowledge in finding solutions to community problems¸ Acquiring leadership qualities and democratic attitude. The institution meets the objectives of the NSS cell by carrying out activities such as tree planting, blood donation, Yoga Day celebration, Self-defence techniques, assistance to orphanages,

awareness programmes, and rallies as needed. The institution has, National Service Scheme for the holistic development of the student. The Institute is organizing various community development activities in order to maintain a good relation with the neighbourhood community. Institute regularly conducted the following programs through NSS: ·

- International Yoga Day
- Tree Plantation Drives
- Awareness about Food, Planet, Health
- Mhazi Vasundhara Pledge
- Workshop on Mission Sahasi
- Blood Donation Camps
- Visit to neighbourhood -community

File Description	Documents
Paste link for additional information	https://pbcoe.edu.in/naac_nss-activity-report
Upload any additional information	View File

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

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

1

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

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

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

7

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

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

590

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

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

144

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

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

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

3

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The institution has adequate availability and optimal utilization of physical infrastructure. To establish a path for the innovation, team spirit and competence in the students, expose them to face the global challenges. Before starting of the academic year, up-gradation and addition of the existing infrastructure is carried out based on the suggestions received fromHeads of Departments, lab assistants and system administrator for course requirements, computer-student ratio, existing equipments and budget. The Academic calendar and Time Table got planned keeping in view the requirements of classrooms, laboratories, furniture and other equipment.

The infrastructure is utilised in conducting curricular and co-curricular activities, guest lectures, workshops, seminars, conferences,awareness programs, parent teacher meetings, campus recruitment raining classes, meetings, etc.

The optimal utilization is ensured through encouraging innovative teaching - learning practices.

The infrastructure is utilised as an examination centre in conducting Government examinations, University Examinations and other examinations like GATE, CET etc.

Sr. No. Particular Qty. available

1

Desktop Computers

583

2

Softwares

23

3

Printers

18

4

CD Writers

10

5

Laptops

04

6

Projectors

12

7

Scanners

10

8

CCTV cameras

52

9

Xerox Machines

03

Good andfully equipped classrooms, laboratories, computer center, workshop, Seminar hall, admin officeand library.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

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

As an integral part of the curriculum, various sports facility is provided to the students within the campus. The college has created a balanced atmosphere of academic, cultural and sports activities for overall personality development of students. Various sports competitions were organised in developing team spirit among the students in a healthy manner. The participant and winner students are honoured with medals, trophies and certificates. All these activities encourages the students to participate in inter and intra college sports and games. All necessary equipments are provided to student time to time. All sports and games activities were inspired by a simple principle: training and playing together is a quick path to friendship and understanding. The Sports Incharge is looking towards the various facilities in sports and games for indoor and outdoor also. The institute has indoor game facilities as Chess, Carom, Table Tennis, Volley ball court, Basketball court and. It helps the students to develop their physical strength and fitness.. Many students also participated in the competitions organized by other colleges and won many prizes with outstanding position. The International Yoga Day is celebrated every year in the campus where many faculty and students have participated. The college infrastructure is provided with an auditorium where various curricular and co-curricular activities on the occasion of Founders Day and Annual Social Gathering were organised.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

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

6

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

6

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File](#)

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

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

29.29

File Description	Documents
Upload any additional information	[View File](#)
Upload audited utilization statements	[View File](#)
Upload Details of budget allocation, excluding salary during the year (Data Template)	[View File](#)

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Library is automated using Integrated Library Management System (ILMS) 1. Name of ILMS software KOHA 2. Nature of automation (fully or partially) partially

Version 18.11.03.000 3.Year of Automation 2011

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	**Nil**

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	**B. Any 3 of the above**

File Description	Documents
Upload any additional information	[View File](#)
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	[View File](#)

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

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

5.45

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

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for

online access) (Data for the latest completed academic year)

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

70

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

The Institution has a sprawling campus spread over 5.2 acres withmodern building technology enabled class rooms, well stockedlibrary, Seminar halls, drawing halls, well equipped laboratories,Work shop, staff rooms, and Administrative block etc. TheInstitution has sufficient number of well furnished, wellventilated spacious 31 class rooms, LCD projector facility,Tutorial halls for conducting the theory classes are available.The Institution has several Air conditioned computer laboratoriesand a seminar hall. The institution has a Language Lab equippedwith audio video facility which helps students to develop theircommunication skills. The institution policy is to provide the

entire infrastructure required for the students in terms oflibrary resources, software and, 65 mbps, Wi-Fi facility. Total585 computers are available in the institution and it is connectedto internet through LAN. Internet and internet facilities are freeavailable for students and staff. 52 CCTV cameras are installed inthe campus.Our college is conducting thesports like, Cricket, Basket ball, Foot ball, Volley ball,Badminton, Kabaddi etc every academic year.

The housekeeping staff isappointed for cleaning, dusting, vacuuming, mopping allclassrooms, Laboratories, workshop,water cooler, conference hall, officechambers of Principal and H.O.D cabins and office every day.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	<u>https://www.pbcoe.edu.in/naac_Policy_for_Infrastructure.php</u>

4.3.2 - Number of Computers

585

File Description	Documents
Upload any additional information	<u>View File</u>
Student – computer ratio	<u>View File</u>

4.3.3 - Bandwidth of internet connection in the Institution	**A. ? 50MBPS**

File Description	Documents
Upload any additional Information	<u>View File</u>
Details of available bandwidth of internet connection in the Institution	<u>View File</u>

4.4 - Maintenance of Campus Infrastructure

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

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

70.25

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

Thecollege has different maintenance cellsfor maintenance of various physical and academic facilities. The maintenance cell isheaded by senior faculty member who monitors the concerned workalong with the team. The maintenance Incharges conducts periodicmeetings and checks to ensure efficiency and working conditions ofall the equipments and machinaries in the institute. Civilmaintenance Incharge and his team look after the regularmaintenance such as plastering, repair work, carpentry etc. TheElectrical maintenance incharge and his team is responsible forpower supply, LCD, AC, water cooler, generator, energy saving etc.E-resource maintenance Incharge is responsible for maintenance ofCCTV and security, Internet, ERP software, computers, printers,software installation and computer peripherals. Lift and Aquaguardas well as heavy Machineries of Mechanical department and Computermaintenance is under Annual maintenance Contract agreement, henceall the maintenance and services are carried out by the concernedcompany. Technicians and Engineers from AMC are available in thecampus as and when required. Major damages, breakdown inMachineries, equipment is beingforwarded to central office for repairing. Minorwork like, electric fitting, replacement of fan, tubelight pipefitting, etc. is being done at institute level by the approvalfrom Principal office.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://www.pbcoe.edu.in/assets/AQAR-2021-22/4.4.2-Procedure-and-policies.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

1001

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

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

358

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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

File Description	Documents
Link to institutional website	https://www.pbcoe.edu.in/
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

1146

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

1146

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

83

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

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

5.2.2.1 - Number of outgoing student progression to higher education

0

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

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

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

examinations) during the year

0

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

5.3 - Student Participation and Activities

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

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

6

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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

The purpose of the student council is to give students anopportunity to develop leadership by organizing and carrying outcollege activities and service projects. In addition to planningevents that contribute to college spirit and community welfare,the student council is the voice of the student body. The studentcouncil helps share students ideas, interests, and concerns withteachers and Principal.Theinstitutional committees have student representative that ensuresparticipation of students in all activities. Participation inAcademic Activities Internal Quality Assurance Cell (IQAC)

Complaint committee: A male and female student as a representativeof students community are the members of Internal Complaintcommittee to address issues on women welfare. Anti RaggingCommittee: This committee is formed to prevent any form of raggingin or outside the campus. The student members of the anti raggingcommittee help the newcomers to increase their confidence throughcounseling.

Sports Committee: The student members of the SportsCommittee organize indoor and outdoor sports and ensure maximumparticipation. National Service Scheme: The students organizevarious social community service activities programs under NSS.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

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

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

11

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

5.4 - Alumni Engagement

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

The Alumni Association "Bandhan" with registration number F-35620(N) contributes significantly to the development of the institute through various activities.

During their meet, the alumni community shares their experience in the outside world, Which they faced after stepping out of the institution. The meet also creates a platform to identify the most distinguished alumni.The main objective is tomaintain and enhance relationship with alumni and among alumni.Through Alumni Association "Bandhan", we keep track of our alumni and inform them about recent achievements of the institute. Many of our Alumni are successful entrepreneurs. They conduct drives for Internship and Placement of our students. Technical Sessions of our Alumni are conducted on regular basis.

Alumni interactswith Heads and Studentsand give them information regarding current trends and practices in the relevant industries. Whenever these alumni visit the campus they motivate students to follow their path for the betterment of the society.Alumni share their corporate experiences, guide current batch of studentsand encouraged thestudents to be in continuous communication with them.Alumni also gives suggestions for suitable improvements in the infrastructure facilities. Alumni support in strengthening linkages of the institute with the industries. Our Alumni are associatedwith various social activities.

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

5.4.2 - Alumni contribution during the year (INR in Lakhs)	E. <1Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Our governance body is very reflective and the prime focus is on the vision and mission of the institute

Vision : We commit ourselves to create state of art infrastructure, highly competent, learned and motivated faculty, best of the books, journals, computing and internet facilities for the students, who in turn will be useful for industries in particular and society in general.

Mission : To generate effective synchronization amongst academicians, professionals, technocrats and students so as to achieve excellence in professional ducation with a sense of commitments to meet the national aspirations.

1. The following strategic characteristics and aspirations enable the College to realize its vision Modern infrastructure and experienced faculty for development of engineers
2. An atmosphere that facilitates personal commitment to the educational success of students in an environment that values multiplicity and society
3. Education and research collaborations with industries.
4. Highly successfulalumni who contribute to the profession in the global society.
5. Undergraduate and Post graduate programs that integrate global awareness, communication skills and team building across the curriculum
6. Practical and responsible resource management;
7. Training that prepares students for interdisciplinary engineering research and advanced problem solving
8. Leadership and service to meet society needs.

File Description	Documents
Paste link for additional information	https://www.pbcoe.edu.in/about_pbcoe
Upload any additional information	View File

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

The College functions in a well-structured and defined manner to ensure participative management at all levels of decision making.The college authorities are very open minded and are always ready for

discussion and suggestions.

The college authorities always involve the students and teachers while organizing various activities at department or collegelevel.At the beginning of the academic year the body of the each cell is formed by Principal and Dean, Academics. From every department the faculty, students and nonteaching participation is ensured as per the requirement of the Cell. Under this practise the cells namely Alumni Cell, Internal Complaint Committee, AntiRagging Cell, Internal Quality Assurance Cell, Entrepreneurship Development Cell, Library Advisory Committee, Faculty Development Cell, NSS Cell, Grievance Redressal Cell, Research Advisory Board, Industry Institute Interaction Cell, Training and Placement Cell, IPR Cell, Sports Cell and Students Cell are formed.The Constitution of all these Committees consists of members from all the departments which clearly indicates the de-centralised and participative work culture.Every department is having working student forum. At the begining of the academic year the Student Forum Body is installed and members have been nominated and elected as forum body members.Many technical, curricular ,extracurricular activities conducted .

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The IQAC continuously reviews and takes steps to improve thequality of the teaching-learning process. The Academic Calendar isprepared in advance, displayed and circulated in the Institute andstrictly followed. Admission to various programmes, summer andwinterexamination schedule and declaration of results are notifiedin the Academic Calendar.

All newly admitted students were asked to attend the OrientationProgramme, in which they are made aware of the of the Educationsystem, the teachinglearning process, continuous evaluationprocess which will be implemented and various cocurricularactivities, discipline and culture of the Institute.

During the orientation program as well as bridge course studentsare

apprised of the Time-Table, Programme structure, syllabi ofthe courses before the semester commences. Important announcementsare made in Google Class room as well as students whatsapp group.

Conduction of classes are monitored by the Deans of faculties,

Feedback from students is also taken individually whichis properly analyzed and shared with the Director, Deans,HODs and individual faculty members.

Our initiatives are

* **Automation of Admission Processes -**

* **Automation of Examination Processes**

* **Curriculum Development Workshops**

* **Green initiatives in Campus**

* **MoUs with prestigious Institutes, Universities, Govt. agencies**

* **Application for NIRF**

File Description	Documents
Strategic Plan and deployment documents on the website	**No File Uploaded**
Paste link for additional information	**Nil**
Upload any additional information	<u>View File</u>

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

The institute has a well designed Management Information Systemnamely http://erp.ltjss.net. (MIS).This MISincludes following administrative procedures 1. Academic Module:Academics module implements all those things that are central tolearning, education, and teaching, like planning academiccalender, handling courses scheme and their configuration,syllabus design, continuous evaluation methods, result analysis soon. In order to handle the entire report of academics, it isfurther divided into various sub

modules such as Time tablegeneration,Teaching plan, Teaching Load Creation, Student sectionassignment, Roll list Generation, Subject Management, Studentattendance, Examination, Result analysis, Academics Reports,Students Attendance Generation etc. 2. Students AdmissionModule:This module is used to create admission form, readmissionform, Leaving certificate Generation, Branch Allotment, SectionAllotment,Students Profile Creation, Students Admission StatusModule and so on. 3. Student FeedbackThis MISincludes following administrative procedures 1. Academic Module 2. Students AdmissionModule. 3. Student Feedback module 4. Personal Module5. StockManagement Module6.Complaint management Module7.Establishment Report Module:8. Finance Management Module: The Finance moduleoffers Expense Management in an integrated manner across theorganization and includes the following sub modules like Accounts,Admissions, Salary, and Purchase etc. Thus, using differentplatform of ERP module.

File Description	Documents
Paste link for additional information	NIL
Link to Organogram of the Institution webpage	NIL
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user interfaces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

The institution has effective welfare measures for teaching and non-teaching staff Facility of Duty leave and on duty leave is provided to the faculties for attending the faculty development programs and conferences. Special leave/vacation is provided for pursuing research, Ph. D. and higher education. Facilities shall be provided for consultancy projects. Recognition of faculty members for achievements - felicitation of faculty members after receiving Awards and Ph.D. Financial Aids Study leaves facility to teaching staff for pursuing higher studies. The provision of advance against salary for teaching and non teaching staff. Prior festival advance to the teaching and non-teaching staff. Under the Institutional Social responsibility, college provides the financial aid in the form of fee concession to the needystudents. Welfare /Medical schemes Employee provident fund facility is provided to staff. Group insurance scheme for staff. Maternity leaves for female staff. Free Health Check-up camp. Medical/Health/Accidental Insurance Programme for Employees. Two early going and two late coming facility allowed in one month for personal work Recreation facility for the staff. Centralize Xerox and canteen facility in subsidies rate. Wi-Fi campus for Teaching, Non Teaching staff and Students. Conducting specialized computer awareness workshops, training workshop for non-teaching staff.

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

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

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

00

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

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

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

03

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

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

80

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

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

A good performance management system works towards the improvement of the overall organizationalperformance of teams and individuals for ensuring the achievements of the overall organizationalmission and vision.

The Institute is following the appraisal scheme suggested by AICTEviz. Performance Based Appraisal System (PBAS). In this scheme,the performances are classified into three categories (i)Teaching, Learning and Evaluation related activities (ii) Co-Curricular, Extension and Professional Development relatedactivities (iii) Research Publications and AcademicContributions. The following weightages are assigned to thesecategories: 100:75:300. These are called Academic PerformanceIndices (API). API scores are calculated for each of the threecategories.

Promotions are based on the PBAS proforma for UGC CareerAdvancement Scheme (CAS) that is based on the API score.Further, at the end of each semester, feedbackforms are issued to the students in the form of questionnaire.But Non-Teaching Staff are also assessed through annualconfidential reports . The various parameters for staff membersare assessed under different categories i.e. Character and Habits,Departmental Abilities, Capacity to do hard work, Discipline,Reliability, Relations/Co-operation with superiors, subordinates,colleagues, students and public, Power of Drafting (whereapplicable), efficient organization of documents.

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

6.4 - Financial Management and Resource Mobilization

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

Vouching of all bank and cash transactions, Ledger scrutiny,analysis of fixed assets register, cash book, advance register,checking of bank reconciliation statement, scrutiny of alldocuments relating to

purchase of fixed assets. Checking of TDSpayment, EPF payment in due dates. TDS Profession tax returnfiling in due dates. Digital payment facility. Maintainance ofDead Stok Register, Verification of Cash in Hand, ConsultancyIncome Payments. Verification of monthly Salary Register includingproperly deduction of Profession tax, Income Tax and EPF.Recocilaition of Students Fee with Ledger. Timley payments ofgovernment authorities such as University, DTE, ARA, FRA, AICTE,Income Tax, Profession Tax, EPF, etc.

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

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

00

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

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

Priyadarshini Bhagwati College of Engineering is a self financedinstitution, where the funds are generated through the fees paidby the students. Deficit is managed by taking advance from the

parent trust. These funds are utilized for the salary,infrastructure, maintenance, and research & development.The institute has a well defined mechanism to monitor effectiveand efficient utilization of available financial resources for thedevelopment of the academic processes and infrastructuraldevelopments.1. Institutional budget is prepared by Accounts Departmentevery year taking into consideration of recurring

and non-recurring expenditures.

2. Accordingly all the administrative and academic heads arerequested to submit the budget required for the subsequentfinancial year.

3. All the major financial decisions are taken by the Directorand Chief Accounts & Finance Officer with Management ofcollege.

4. As and when urgent requirements arise it is given aftersanctioned received from Chief Accounts Office.All the major financial transactions are analyzed and verified

1. Research and Development

2. Training and Placement

3. Software and Internet Charges

4. Library Books and Journals

5. Repairs and Maintainance

6. Printing and Stationary

7. Equipment and Consumables

8. Furniture and Fixtures

Financial Audit is conducted by the Chartered Accountant to verify the compliance.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

6.5 - Internal Quality Assurance System

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

Internal Quality Assurance Cell (IQAC) monitors, reviews, andevaluate academic and administrative processes to ensure thequality.Internal Quality Assurance Cell (IQAC) carries

outactivities that cover all aspects of the Institute's

functioning.The IQAC.was constituted on 8thMarch2006.Since then,it has been performing the following tasks on a regular basis: 1.Improvement in quality of teaching and research by regular inputsto all concerned based on feedback from students. 2. Providinginputs for best practices in administration for efficient resourceutilization and better services to students and staff. 3.Providing inputs for Academic and Administrative Audit andanalysis of results for improvement in areas found weak. Studentsand staff give their feedback and suggestions on teaching andadministrative performance .The IQAC has immensely contributed inthe implementation of quality assurance strategies and processesat all levels.IQAC regularly meets every three months.TheInstitute IQAC prepares, (a) Annual Quality Assurance Report (AQAR) (b) Self Study Reports of variousaccreditation bodies (ISO 9001, UGC 12b,NAAC, NIRF, NBA) (c) Performance Based Appraisal System (PBAS) forCareer Advancement Scheme (CAS) (d) Stakeholder's feedback (e)Process Performance & Conformity (f) Action Taken Reports (g) NewProgrammes as per Govt. Policies. andevaluates by the relevant Institute and Govt. statutoryauthorities:

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

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

Best Practice 1 1. Title of the Practice: InnovativeTeachingLearning Process 2.Goal i) To maintain good anddisciplined academic environment among the students and faculties.ii) The basic objective of this practice is developing new toolsand techniques for effective teaching learning. iii) To update theknowledge as per the latest requirement of industry iv) To enhancethe academic growth of the college. v) To achieve the desiredlearning outcome and to make the teaching student centric vi) Toinculcate the moral and ethical values among students so that theycan play a vital role in the development of society and thereby ofNation. vii) To provide the specific strategy for academicallyweak students and advance learners. 3.The Context The idea behindthe innovative teaching learning process is to create the studentfriendly environment in

academics. To design and implement thissystem, the Principal of the college, along with IQAC coordinatorand Dean Academics, HoDs and faculties decide the policies at thebeginning of the semester. Many activities like academic calendar,time table, teaching plan, subject files, e-learning material , project evaluation to be prepared.Inaddition to this engineering education, the demand of practicalorientation and technical knowledge is required.

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

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Gender equality is one of the challenges that our society isfacing today. The institute organises gender equity promotionprograms regularly. Eminent guest speakers from various fields areinvited to

guide and to make aware the students about theimportance and contribution of gender equity in the society. Thegender equity promotion programs organized by the institution aregiven below. All the participants got awareness about the remediesfor keeping mental hygiene. As well they got the information abouteating healthy food for women and food tips for current and nextgeneration to live a healthy life. Meditation program wasorganized to make aware about the focusing and balancing techniquewhich helps to increase balance between internal and externalexperiences, and all the benefits of meditation begin to unfold.Youngsters, students got awareness about the explosion ofaddictions. Especially speaker advised not to get addicted forcell phones, drugs etc. In continuation, it was advised that ahealthy body always leads to healthy mind, so it is necessary tohave a good diet. A big issue of cyber crime was discussed in the

awareness program and guided the students how to protect yourselffrom cyber crime.

File Description	Documents
Annual gender sensitization action plan	https://www.pbcoe.edu.in/assets/AQAR-2021-22/7.1.1-Gender-equity.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	**Nil**

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	B. Any 3 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

The campus is hypersensitive to environmental awareness and alwaystakes necessary steps to keep our environment clean, safe andsecure for a healthy life.1. Solid waste managementThe various solid waste generated on the campus at the differentlocations are collected and segregated as degradable and non-degradable waste. The degradable waste is used in thevermicomposting plant and later on, that compost is use forgardening. The non-degradable waste is handovers to a municipalagency for transport to NMC authorized landfilling process.1. Liquid waste managementThe liquid waste generated from water closets and urinary areproperly drained out by the drainage system and the rainwaterfalls on the terrace are collected through various pipes andallowed for harvesting using three water harvesting plants.1. E-waste management Response:For this, every year the working and nonworking electronicsinstruments are checked, the nonworking instrument is processedfor repair, if repair is not possible then it is collected to thecentralized process, and later on it is handovers to the vendorfor recycling and reuses.

The various degradable waste is used in composting plants and thatcompost is used for gardening. The broken chairs and furniture areyearly collected and repaired.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	**No File Uploaded**
Geo tagged photographs of the facilities	**Nil**
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	**B. Any 3 of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. Restricted entry of automobiles 2. Use of Bicycles/ Battery powered vehicles 3. Pedestrian Friendly pathways 4. Ban on use of Plastic 5. landscaping with trees and plants	B. Any 3 of the above

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

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution	
7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	B. Any 3 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

| 7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen- | A. Any 4 or all of the above |

reading software, mechanized equipment   5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen   reading

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

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

The institution believes in equality of all cultures andtraditions as is evident from the fact that students belonging todifferent caste, religion, regions are studying without anydiscrimination. Though the institution has diverse socio-culturalbackground and different linguistic, we do not have anyintolerance towards cultural, regional, linguistic, communal socioeconomic and other diversities. With great fervour the nationalfestivals, birth anniversaries and memorials of great Indianpersonalities like Mahatma Gandhi Sardar Vallabhbhai Patel, Pandit Jawaharlal Nehru, Dr. Bhimrao Ambedkar, Sarvepalli Radhakrishnan,Lal Bahadur Shastri. Death anniversary of Lokmanya Tilak on August

2, institution celebrates every year.NSS and NCC Units of ourcollege participate in various programmes related to social issuesorganized by other colleges.

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

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations:

values, rights, duties and responsibilities of citizens

The institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different caste, religion, regions are studying without any discrimination. Though the institution has diverse socio-cultural background and different linguistic, we do not have any intolerance towards cultural, regional, linguistic, communal socio economic and other diversities. With great fervour the national festivals, birth anniversaries and memorials of great Indian personalities like Mahatma Gandhi Sardar Vallabhbhai Patel, Pandit Jawaharlal Nehru, Dr. Bhimrao Ambedkar, Sarvepalli Radhakrishnan, Lal Bahadur Shastri. Death anniversary of Lokmanya Tilak on August 2, institution celebrates every year.NSS and NCC Units of our college participate in various programmes related to social issues organized by other colleges. File Description Document

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	[View File](#)
Any other relevant information	[View File](#)

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized	**B. Any 3 of the above**

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

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

Institute celebrates various commemorative days which are as

followa:

1. National Science Day

2. International Yoga Day

3. Womens' Day

4.. Rangnathan Jayanti

5. Lokmanya Tilak Jayanti

6. Bhagwati Devi Punyatithi

7. Engineer's Day

8. National Voter's Day

9. Environmental Day

10. Teachers' Day

11. national Youth Day

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

7.2 - Best Practices

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

Best Practice 1 1. Title of the Practice: Innovative Teaching-Learning Proces 2. Objectives of the practice To maintain goodanddisciplined academic environment among the students and facultiesand to make the teaching more student centricso as to achieve the desired learning outcome. 1. The Context For better performance of the students we need to frame the academic policies. In addition to engineering education practical orientation as well as technical knowledge is required for this we need to design and frame the laboratory work, industrial visit and other activities. 4. The Practice Principal, IQAC coordinator, Dean Academics and HoDs at the beginning of the semester prepare and circulate the academic calendar to students and faculties so that they can plan the academic activities based on schedule given. Remedial classes are conducted for academically weak student and special coaching is given to advanced learners. Students are encouraged to carry out Industry based projects so as to develop various skills. 5.Evidence of SuccessAs a result of this best practice we are able to achieve the excellent academic environment at department level and college level. Best Practice 2 1. Title of the Practice: Employability Enhancement Training For more detailed view visit the link

https://www.pbcoe.edu.in/naac_Best_Practices

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

7.3 - Institutional Distinctiveness

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

200 words

https://www.pbcoe.edu.in/assets/AQAR-2021-22/7.3.1-Institutional-Distinctiveness.pdf

To achieve the vision of our Institute, the thrust of institute is on the overall development of the students who are mostly from rural areas. In rural area the students are relatively less exposed to the skill development programs. Hence institute has been continuously focusing on development of interpersonal skills. For this various skill development programs are organized at college.

1. Communication skill:

Institute has set up language laboratory with dedicated 50 computers and software. Students of all year have been using this lab and improving their communication skill, pronunciation, ascent etc.

2. Personality development program:

We organize various skill development programs for all students through external experts. These programs focus on oral communication, written communication, personal communication and ethical values

3. Counselling. To help student and to take their care we have implemented mentor scheme in our institute. The mentors convey the academic progress of students to their parents.

4. Social extension Activities. Various cells are established

like student's cell, NSS cell, III cell, ED cell, T & P cell,

Women cell etc. for conduction of various academic and social

activities for students.

5. Student Forum Activities: Under student forum various technical activities, guest lecture, workshops in every semester

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

To apply for Second cycle of NAAC 2.To conduct National and International Conference. 3. To Signup MOU with reputed organizations. 4. To improve students' placements in pretigious companies. 5. To conduct significantsocial extension services. 6. To conduct more activities for gender Sensitization and equality. 7. To conduct STTPs and FDPs on quality improvement and othe themes. 8. To conduct various activities under innovation club, English Club and students forums. 9. To improve faculty publications in SCOPUS/SCI journals. 10.To promote Robotics and Drone Technology 11. To give emphasis on consultancy, sopnsored project and research oriented activities 12.To start Go-kart club activities 13. To organize Industry Academia Conclave.