YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	PARVATHAREDDY BABUL REDDY VISVODAYA INSTITUTE OF TECHN
• Name of the Head of the institution	DR B DATTATRAYA SARMA
• Designation	PRINCIPAL
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	08626243930
• Mobile no	9291856651
• Registered e-mail	pbrvitsk@gmail.com
• Alternate e-mail	kcsekhar68@gmail.com
• Address	VISVODAYA CAMPUS,UDAYAGIRI ROAD,
• City/Town	KAVALI
• State/UT	ANDHRA PRADESH
• Pin Code	524201
2.Institutional status	
• Affiliated /Constituent	AFFILIATED
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**Self-financing**
• Name of the Affiliating University	**J N T UNIVERSITY, ANANTAPUR**
• Name of the IQAC Coordinator	**Mr A SUMAN KUMAR REDDY**
• Phone No.	**9398732056**
• Alternate phone No.	**9246428707**
• Mobile	**9849417718**
• IQAC e-mail address	**pbrvits.iqac@visvodayata.ac.in**
• Alternate Email address	**pbr_vits@rediffmail.com**
3.Website address (Web link of the AQAR (Previous Academic Year)	http://pbrvits.ac.in/files/Accreditation/NAAC/APCOGN21628_PBRVITS_KAVALI_NELLORE_AQAR_2019-20.pdf
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	http://pbrvits.ac.in/Academics/AcademicCalendar

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.10**	**2015**	**14/09/2015**	**13/09/2020**
Cycle 2	**B+**	**2.67**	**2021**	**05/10/2021**	**04/10/2026**

6.Date of Establishment of IQAC	**19/08/2015**

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
0	**0**	**0**	**0**	**0**

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	No File Uploaded
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)

? Submission of SSR to NAAC for 2nd cycle Accreditation ? Submission of Self Assessment Report to NBA ? Applied for Autonomous status ? Conduction of Department wise Academic Administrative Audit ? Participation in NIRF ? ISO 9001:2015 certification

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
FDP on Research Methodology	FDP on Research Methodology conducted on 29-02-2020. It enabled our faculty to extend their research activities
Applying for NBA	Prepared Self Assessment Report for NBA and applied SAR successfully by ECE and CSE Departments.
Applying for Autonomous status	Applied for Autonomous status and obtained Autonomous status 09-04-2021
Applying for NAAC - II cycle	Prepared Self Study report and Submitted successfully on 15-02-2021
Academic Administrative Audit	Department wise Academic Administrative Audit was done on 19-12-2020 for the academic year 2019-20
Increase Placement activities	Soft skill programmes and personality development programmes for students helped significant increase in placements.
ISO 9001:2015 certification	Obtained ISO 9001:2015 certification on 07-07-2020

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

- Name of the statutory body

Name	Date of meeting(s)
Governing body	02/08/2021

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2020	06/01/2020

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	464

File Description	Documents
Data Template	[View File]

2.Student

2.1 Number of students during the year	2470

File Description	Documents
Institutional Data in Prescribed Format	[View File]

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	319

File Description	Documents
Data Template	[View File]

2.3 Number of outgoing/ final year students during the year	717

File Description	Documents
Data Template	[View File]

3.Academic

3.1 Number of full time teachers during the year	166

File Description	Documents
Data Template	[View File](#)

3.2 Number of sanctioned posts during the year	**166**

File Description	Documents
Data Template	[View File](#)

4.Institution	
4.1 Total number of Classrooms and Seminar halls	**47**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**550.24**
4.3 Total number of computers on campus for academic purposes	**703**

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

The college is affiliated to JNTUA and follows the curriculum given by the University.

Academic calendar: The academic calendar provides date of commencement class work, duration of semester, period of internal tests, final semester exams etc. The department allocates subjects to teachers and prepares time-table in tune with the academic calendar and faculty members prepare lesson plan, notes, question bank, lab manuals for the courses handled by them in line with the university syllabi.

Delivery of academic activities: Institution provides teaching aids such as LCD projectors, Video conference room and NPTEL access for effective curriculum delivery.

Experiential Learning: All the laboratories are well equipped and periodically updated in line with the curriculum. Department conducts guest lectures, seminars, workshops and symposiums through students associations to supplement the curricular inputs.

Research activities: The institute strives to promote research activities in the departments and also to enrich the potential of faculties to guide students' projects by attending various lectures on Research given by eminent professionals.

Impact on Quality Enhancement Process: The institute supports all curricular & co- curricular needs of the students and in turn caters to all the requirements of a fair education to all classes of the Society.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.1.1.1a.pdf

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

The curriculum delivery is implemented as per the academic regulations specified by the Affiliated University. A meeting is conducted by the Principal before commencement of the academic year/semester to plan roadmap for further proceeding of academic activities as per the academic calendar. The curriculum delivery is implemented via the following steps designed by College Academic Committee

- **Preparation of Academic calendar**
- **Subject allotment**
- **Preparation of Question Bank and**
- **Preparation of Lesson plans and Course files**
- **Preparation of Time Table**
- **Monitoring of course delivery and syllabus completion**
- **Feedback Mechanism:**
- **Identification of slow learners and advanced learners**
- **Conducting Internal Theory and Practical Examinations**
- **Uploading E-resources in Moodle server**
- **Implementation of OBE.**

Faculty members prepare course files, which includes course notes, Question Banks, ELearning materials and circulates the course material with lecture schedules, course outcomes, CO-PO mapping, reference books, E-Learning resources etc. to students. Program Educational Objectives (PEO) and Program Outcomes (PO) are developed for each program, in line with the Vision and Mission of the Department to match with the Institutional Vision and Mission. OBE is adapted for the effective delivery of the curriculum.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.1.1.2a.pdf

1.1.3 - Teachers of the Institution participate in B. Any 3 of the above **following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University**

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

11

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)

12

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

879

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

The curriculum is designed by the affiliating University, which includes many of the aspects such as the subjects namely Gender sensitization, Human values and professional Ethics, Social Ethics and Values, Environmental Studies etc.

Gender sensitization is included in social ethics and values courses

in the curriculum given by the university, which covers Gender inequality, declining Sex ratio, sexual Harassment, domestic violence etc. Though it is in university syllabus, different activities relating to gender issues and awareness programs on gender sensitization, girls health, rights of Women, sexual harassment, women's empowerment, gender equity etc. are organized by the college.

University has included Environmental Studies in the curriculum and students are given inputs for promoting various environmental issues like Natural resources include Renewable and non-renewable resources, water resources, mineral resources and food resources.

University has included a course on Human values and Professional Ethics in Curriculum for all programs of B.Tech and M.B.A, mainly dealing with the ethical aspects for the prosperity of organization and for personal development of students. Even though it included in university syllabus different activities like seminars and workshops relating to Human values and professional Ethics/Social values and ethics, are being conducted by the college.

File Description	Documents
Any additional information	View File
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

337

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	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

717

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.1.4.1a.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.1.4.2a.pdf

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 students admitted during the year

632

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

295

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

The Institution strives hard to design and develop student-centric approaches and activities to address the individual requirements of

diverse levels of students.

Identification of Slow and Advanced learners : Slow and advanced learners are identified to provide personalized attention and initiate appropriate individual measures. Several parameters have been used to identify the slow and advanced learners such as performance in internal exams, class room and laboratory interactions and levels of enthusiasm & participation in various activities.

Slow Learners: The areas of deficiencies of the slow learners are identified through mentors, class teachers and individual interactions and adequate remedial measures have been initiated such as-remedial classes Creating peer-learning ambience, Group activities, clubbing with advanced students.

Advanced Learners: The advanced learners are provided with several opportunities for enhancing their multi-dimensional competencies towards accomplishing their goals, such as - A team of In-house trainers impart intense training as per well visualized and structured training schedules integrated into the college schedules in the areas of aptitude, communication skills, core skills, and employability skills.

Orientation Programme and Bridge courses: These are organized by the college to help the students to reorient themselves by distinguishing between content learning and skill learning with application orientation.

File Description	Documents
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.2.2.1a.pdf
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
2470	166

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

Individualized Activities: Adequate training and encouragement is provided to the students to participate in seminars, conferences and guided to present papers and posters in various competitions. Regular library time is provided for accessing current journals and reference books. Tasks for problem-solving are visualized and implemented. Competitions in solving the challenges in coding are organized during Tech-Fests and other academic events, to develop technical and logical skills among the students and to improve their creative-critical thinking and problem-solving skills.

Experiential-Learning: The Departments continuously evolves strategies to involve the students comprehensively in the experiential learning processes. As part of these industrial trips, field visits, projects, participation in presentations and workshops and internships envisaged on regular basis to create real-time learning experience to the students.

Spoken Tutorial: The Institution accesses and organizes the training sessions of the educational content portal, Spoken Tutorial,, where a student can learn various Free and Open Source Software all by oneself.

Digital Resources: Several digital resources are kept available for the students to encourage the culture of self-study, research and participatory learning. NPTEL video lectures, e-journals, e-books, CDs, DVDs, and access to innumerable internet resources through high-speed broad band connectivity are provided to the students.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.2.3.1a.pdf

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

Information & Communications Technology (ICT) enabled teaching methodologies and advanced technology are being followed by the faculty members in class rooms.

The academic calendar, lesson plan, lab manuals and question banks with solution are made available at the very beginning of the semester. The use of multimedia teaching aids like, LCD projectors, classrooms with internet enabled computer/laptops/tablet systems are usually used in classroom.

The electronic resource packages like DELNET, NPTEL, SPOKEN TUTORIAL and Digital Library are available. The faculty members effectively utilize Audio Visual aids to demonstrate the concepts to the students.

USB Hard disk containing web and video courses (offline) from NPTEL are accessible to faculty and students from the server installed in the library. These courses are the part of LMS and also available on local Server.

Online tests are conducted and e-assignments are given through 'Code Tantra' software. Sufficient number of books, Journals, e-journals and e-books are available in the library. The research journals are available online and facility for accessing these journals is provided through proxy server in the campus.

Seminar hall is also equipped with multimedia facilities using ICT tools. Invited talks and webinars are conducted in seminar hall using ICT facilities.

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

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

124

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

166

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

28

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

996

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.

Since the college is affiliated to JNTUA, the rules and regulations for evaluation process are laid down by the affiliating University and are communicated to students through syllabus copies supplied in the beginning of first year of their academic program.

Mid exams: The schedules of mid examinations are communicated to students and faculty in the beginning of the semester through academic calendar and conducted as per the schedule. After the correction, the mid answer scripts are distributed to the students and finalized mid marks are displayed in the department notice boards.

Labs assessment: The day to day performance of the student is recorded in each lab session and marks are allotted by considering the performance of the student in that lab session, record work and the knowledge of the student on the experiment conducted on the lab session.

Projects work assessment: The project assessment is done through two internal reviews and external review. The details of guide allotted to the batch, review schedules and marks are displayed in the department notice boards.

Seminar Assessment: The seminar presentations are assessed based on topic selection, presentation, report preparation and seminar marks are displayed in the department notice boards.

File Description	Documents
Any additional information	[View File]()
Link for additional information	[http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.2.5.1a.pdf]()

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

PBRVITS is particular in maintaining transparency in the grievance redressal of examination related issues. College Examination Grievance Cell (CEGC) is constituted with Principal, Exam In-charge and two senior faculty members to looking into issues related to examinations.

Grievances Related to Internal Evaluations (IE): The activity of showing answer book to the student is in vogue, where the scripts or results are shown to the students after assessment of each IE. Discrepancies if any are raised by the affected student with CEGC. On issues not redressed by faculty, students have to register their complaint with CEGC in grievance form available in the examination centre. Based on the gravity of the complaint the grievances are resolved on the spot or at a later date. The resolved grievances are communicated to the department and the student.

Grievances Related to External Evaluations: The External Examinations (EE) are conducted by the university and hence all the grievances of students with regard to EEs are addressed by the Exam section to the University. The Rules and Regulations framed by the University are followed to raise the grievances. A record of the same is maintained with the institute's Exam section.

File Description	Documents
Any additional information	[View File]
Link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.2.5.2a.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

The Vision, Mission, of various departments and Program Education Objectives (PEOs), Program Outcomes (Pos) and Program Specific Outcomes (PSOs) of various programmes were framed to implement the outcome-based education and also inculcate, involve the faculty, students and various stakeholders towards outcome based education.

The Program Outcomes (POs) are common for all engineering programmes

defined as graduate attributes and the NBA has given.

Vision, Mission, PEOs and PSOs are prepared by the department for the respective programmes, Course Outcomes (COs) are prepared as mentioned below:

COs are prepared by selecting an action verb using Bloom's Taxonomy significant to subject content. COs are prepared based on the curriculum syllabus.

The Vision and Mission Statements along with PEO's, POs and PSOs are published (Internal and External Stake Holders) at:

- College website
- Department Brochure
- Department Newsletter
- Course files
- Lab Manuals
- HoD Room
- Department Corridors
- Department Notice Boards
- Seminar Hall
- Faculty Rooms
- Class Rooms
- Tutorial Room
- Conference Hall /Department Library

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.2.6.1a.pdf
Upload COs for all Programmes (exemplars from Glossary)	[View File](#)

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

In order to evaluate the levels of attainment of the projected perspectives, the Institute strictly adheres to the procedures of considering the performance metrics of Program Specific Outcomes,

Program Outcomes and Course Outcomes using the design of top-down approach and appropriately mapping them. Each Course Outcome is mapped with the Program Outcomes, and Program Specific Objectives. While calculating the attainment level bottom to top approach is used. Each course has specific measurable Course Outcomes.

For each course, attainment level of all Course Outcomes is arrived at scrupulously based on the student performance in the internal and external examinations. Similarly, the feedback at the end of course is taken to assess the Course Outcome indirectly. Thus, the attainment of Course Outcome is a combined result of direct and indirect assessment. This in turn helps in arriving at the Program Outcome assessment as each Course Outcome is mapped with certain Program Outcomes and Program Specific Outcomes. Besides this, the Graduate exit survey, Alumni Survey and Employer surveys are taken for indirect assessment of the Program Outcomes.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.2.6.2a.pdf

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

527

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	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.2.6.3a.pdf

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)

http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.2.7.1a.pdf

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)

0

File Description	Documents
Any additional information	View File
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 teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

5

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

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

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

1

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.3.1.3a.pdf

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The college has taken steps for developing ecosystem for innovations and various knowledge transfer methods through policies and systems in place. Institute encourages students/staff to work towards developing their own ideas and to share ideas between them and with technological leaders in the field. College educates students and staff through projects in the curriculum and outside curriculum. Innovative ideas of students are implemented in incubation center to convert ideas into working products for the benefit of students, industry and to the society,. Incubation center provides technical support to incubates and encourages them to become entrepreneurs. Guest lectures on Entrepreneurship are being organized regularly and entrepreneurship camps arranged.

Broader activities of Innovation and R & D Cell of PBRVITS:

- **Time to time Industry leaders and eminent personalities are invited from various organizations for conducting seminars, workshops and symposiums.**
- **Provide Opportunity for Interaction with Successful student entrepreneurs from other institutions and Alumni entrepreneurs for motivating and inspiring budding entrepreneurs at PBRVITS.**
- **Envisage and adapt methods for taking up Industry-Institute collaborative projects and demonstrate student design up-gradation skills for knowledge transfer to industry.**
- **Assistance for students towards designing and developing and testing innovative and socially inclined projects.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.3.2.1a.pdf

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

`14`

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](#)

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

`0`

File Description	Documents
URL to the research page on HEI website	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.3.3.1a.pdf
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	[View File](#)
Any additional information	[View File](#)

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

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

59

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

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

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

8

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

3.4 - Extension Activities

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

As a part of the extension activities which emphasizes community services, PBRVITS has NSS unit that provides free medical aid, supplies food for the orphan & old age people. From time to time the Institution also organizes various health and family welfare awareness program. These events are organized both on the premises of PBR VITS and outside the premises. The students are involved in organizing these camps. A large number of lives have been touched through the various events organized by this organization since its establishment ranging from economically deprived people to people who are deprived socially. Blood donation camps in collaboration with Indian Red Cross Society, Area Government Hospital Blood Bank are a regular feature.

Many of these events were covered by the leading newspapers and news channels. The huge response and success of these events exhibits the effort and sincerity of intensions of the members. The college's NSS unit also thrives to keep up the spirit and performance.

Students have conducted many of the socially sensitizing programs related to Swatch Bharat, Tree Plantation, Yoga, Women's parliament, Disha amendment bill, save water awareness rally, Seminar on Nation Building & Ban Plastic rally.

File Description	Documents
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.3.4.1a.pdf
Upload any additional information	View File

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

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

00

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

3.4.3 - 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

3.4.3.1 - 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

16

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 during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

5464

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

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

0

File Description	Documents
e-copies of related Document	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

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

16

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 built-up area of about 23985sq.m in around area of 12.72 acres of land with good infrastructure and facilities.

The physical infrastructure includes classrooms, laboratories, seminar halls, open auditorium, departmental libraries, staff rooms and central facilities like computer centre, central library, dispensary, gymnasium, transportation office, administrative office and they have been planned and constructed as per AICTE norms. The central library possesses Digital Library with 30 computers to access the e-learning resources. The Institute has two hostels one for boys and one for girls with internet facility and other modern facilities. First-aid boxes are provided in different locations inside the campus including departments, laboratories and hostels and they are periodically refilled.

The college has the following supplementary facilities in the campus - ATM, Canteen, Stationery Store, Sprawling playground 2 acres to conduct sports and games.

The institute has taken all aspects of safety and security measures by appointing security guards for the entire campus, Installing fire extinguishers, Protection against Earth Leakage (using Circuit Breakers), Installation of exhaust fans at specified locations, Provision for an outlet of fumes and gases from the laboratories,

supply of RO Mineral Water and uninterrupted power supply through Generators and UPS.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.4.1.1a.pdf

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

The Institute is enriched with play area which includes:

Four Tennis courts with fled light facilitate, Athletic Track, Basketball Court, Cricket Ground, Football Field, Tennikoit Court, Volleyball Courts, Badminton Courts and Indoor games, Cultural Activities. PBRVITS strongly believes that Cultural activities are an integral part of enjoyment and entertainment, as a means of creative expression, for personal growth and the pursuit of excellence, to learn new skills, to meet new people, and to celebrate cultural traditions. The institute has established a Student Open Air Theatre which has a seating capacity of 1500.

Cultural facilities:

The cultural club actively involves in organizing events like annual cultural programmes like traditional day, annual day techno carnival, teachers day, and Fresher's day. And it also promotes participation of student in inter collegiate competitions. Involvement of the students in the cultural Activities is more pronounced with their dynamic participation in organizing several college events such as Orientation Programme, Fresher's Day, Annual Day, Class Farewell Programs and Women's Day. In addition they also involve in the regular events such as Teachers' Day, Engineers Day, National Science Day, Republic Day, Independence Day, Sankranthi festival and so on.

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File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.4.1.2a.pdf

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

47

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.4.1.3a.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

Lakhs)

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

184.31

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)

The library of the institution is equipped with Library Management System services. ILMS Software Package is an Integrated Library management System (ILMS) with Barcode Scanner that supports all inhouse operations of the library.

The Central Library of the Institution has an excellent knowledge, providing facility for the benefit of students, faculties and researchers. As one of the best established library's meeting International Standards, the central Library has a large collection of books covering various branches of Engineering and Technology, Management, and Humanities and its related fields. The library is located in the ground floor of Cotton 'Block, and is spread over Ground area of 760 sq mts. The library building with book collection of around 40949 text books, 135000 E-books, SC/ST Book Bank with 4048 text Books and 806 back volumes.

Institute library is also using Drupal Content Management software, where Notifications, Question Papers, NPTEL videos, e-books, personality development videos, GATE, IES material available.

Library Management system (LMS) software with all the functional modules of library management completely implemented and has the following modules:

Name of the ILMS Software: Libsoft

Nature of Automation: Fully Automated

Version: 9.8.5.0

Administrator

Add User

Modify User

Delete User

Member Category

Holiday Master

Acquisition

Regular purchase

Journal Subscription

Cataloging:

Bibliographic data

All Types of Documents Entry

Subject Category

Vendor Master

Budget Master

Currency Master

Serial Catalogue

Journals Transaction

Journals Periodicity Report

Renewals for journals

Circulations or Transactions:

Material Transaction (Issues or returns)

Material Up dating

Member (student) Registration

Member (Staff) Registration

Fine Transaction or Up dating

Material Binding Transaction

Reservation Facility

Reports:

Material Search (Select Columns) Report

Book Search on Accession Number

Member (Staff/Student) Report

Title Summary for Material

Transaction (issues/returns) Material Report

Binders Report

Material Book Report

Category wise members (student/Staff)

Old Transaction Report

Barcode Printing:

Barcode Generation

Users barcode generation with Photo

Card Setting

Label Setting

Statistics:

Graph for material (Issue/Return) Transaction

Analysis Graphs

Member Transaction

OPAC:

Search by Author

Search by Title

List of New Arrivals

List of Journals

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.4.2.1a.pdf

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources   **A. Any 4 or more of the above**

File Description	Documents
Upload any additional information	[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)

3.39

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
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

205

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 college updates the IT facilities on a regular basis. The connectivity through a fully network available campus with updated IT infrastructure, computing and communication resources offers student's highly interactive learning environment with full-fledged hardware and software training facilities.

All Labs and Central computing facilities are connected to LAN and Internet has been provided to all computer labs. Single network across the campus and access to internet resources under uniform network policy are also made available. Campus is Wi-Fi enabled with high speed and placed access points and repeaters at different locations. All class rooms are equipped with LCD projectors.

Up gradation arrangements on a regular basis are incorporated into yearly spending plan. Computers are gradually increased and updated with high configurations year after year. Majority of Pentium systems are replaced with Core2Duo and update with i3 systems.

Sufficient number of Printers and Scanners are available in the Campus and the number is increased year after year as per the requirement. Licensed and open source software's are available in

all required departments which are upgraded to meet the requirements as prescribed in the syllabus.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.4.3.1a.pdf

4.3.2 - Number of Computers

703

File Description	Documents
Upload any additional information	[View File](#)
List of Computers	[View File](#)

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

File Description	Documents
Upload any additional Information	[View File](#)
Details of available bandwidth of internet connection in the Institution	[View File](#)

4.4 - Maintenance of Campus Infrastructure

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

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

8.31

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.

The physical, academic and support facilities like classrooms, labs, seminar halls, auditorium, computer centre, gymnasium, buses, boardroom, guest room etc., are well maintained and used based on the requirement as per the standard procedure.

Class rooms and seminar halls come under daily maintenance. The administrative staff takes rounds of all the class rooms and seminar halls every day. Laboratory in charge, along with laboratory assistant, ensures proper working of all equipment at the beginning of each semester. Repairs and Maintenance of laboratory equipments are initiated by the respective Laboratory In charge as and when required. Routine computer maintenance, software installations, networking, LCD projectors and CC cameras maintenance and checking activity carried out by team of system engineer, hardware engineers and technicians. The librarian takes care of utilization of books, computers and other learning materials in the library.

The physical director takes responsibility for all repairs pertaining to sports equipment and courts. He has to maintain courts properly on daily basis with the help of the maintenance staff. Maintenance of buildings and related areas are undertaken by the Maintenance Department. Maintenance staff consists of Qualified Electricians, Carpenters, Plumbers and other service personnel.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.4.4.2a.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

1566

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

139

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	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.5.3.1a.pdf
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

753

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

753

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

326

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	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

3

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

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

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

5

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

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.

0

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

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

The Institution firmly believes in empowering the students within the framework of the administrative processes through their participation in most of the academic and activities, administrative

bodies, co-curricular and association activities.

Every class has a Class Representative and a Lady Representative to appraise the management and administration of the issues pertaining to their classes. Involvement of the students in the Extra Curricular Activities is more pronounced with their dynamic participation in organizing several college events such as Orientation Programme, Fresher's Day, Sports Day, Annual Day, Farewell Programs. The participation of the student volunteers of NSS in a number of service activities is over whelming. They play a significant role in creating awareness on social service among the students, selecting service projects on basis of utility and feasibility and meeting emergencies and natural disasters within college and outside too.

The students are part of the committee as representatives in Internal Quality Assurance Cell, Anti-ragging committee, Alumni Association cell, Sports committee, Library Advisory committee, Hostel committee, etc.

File Description	Documents
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.5.3.2a.pdf
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

0

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

5.4 - Alumni Engagement

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

The Institute has an active activity calendar and connects with the alumni regularly.

Aims and Objectives:

- **To maintain and update contacts of Alumni.**
- **To conduct meetings regularly.**
- **To communicate the college events periodically to the Alumni.**
- **To invite Alumni to visit the campus and take their suggestions for the future improvement of the Institute.**
- **To conduct seminars, workshops with the support of Alumni.**

The Alumni of the Institute is warming up to the requirements of the Institute. Moderate financial support has been trickling in from the alumni. They have started, to identify the small, but necessary requirements and to attempt to provide the same. Till date their financial support extends to the following:

- **Giving incentive cash prizes during College Day celebrations and Alumni Association functions to motivate and encourage performing students.**
- **Donation of important books for the use of the students in diverse branches.**
- **Placing the dust bins to keep the campus clean.**
- **Arranging for the table name plates for the faculty to give a professional look**
- **Providing wall clocks for some departments.**

File Description	Documents
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.5.4.1a.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)   **A. ? 5Lakhs**

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

Vision:

To be a premier center of learning in Engineering and Management education that evolves the youth into dynamic professionals with a social commitment.

Mission:

- **To provide quality teaching-learning practices in engineering and management education by imparting core instruction and state-of-the-art infrastructure.**

- **To engage the faculty and students in acquiring competency in emerging technologies and research activities through Industry Institute Interaction.**

- **To foster social commitment in learners by incorporating leadership skills and ethical values through value-based education.**

Quality Policy:

The management is committed in assuring quality service to all its stakeholders like parents, students, alumni, employees, employers

and the community. Continual quality improvement by establishing and implementing mechanisms and moralities. Transparency in procedures and access to information and actions.

To strive for total quality management in order to have quality faculty and churn out quality students having powers in their technical / managerial domain with cultural values.

Effective leadership in tune with the Vision and Mission of the Institute:

Engineering Education contributes in nation building in a positive manner. To accomplish such task effective leadership is paramount. In view of this the leadership of PBRVITS has acquired 12.72 acre of land, constructed infrastructure comprising of well-equipped classrooms, cafeteria, hostels, labs, library, auditorium, play areas and related infrastructure. Recruited dedicated, qualified staff to take forward its commitment and vision. PBRVITS leadership has formulated a hierarchical structure of organization and policies to meet the vision and mission of PBRVITS.

Nature of Governance:

PBRVITS Governing body is top decision-making entity, which schedules meeting twice in a year, critical important decisions with respect to budgetary allocation and academic improvements are taken and the same is passed on to the member secretary of governing body, i.e. Director of PBRVITS. Further the Director summons the Deans and HODs of various departments to prepare the strategies for implementation of the decisions taken in the governing body meeting. The proceedings of the governing body meeting are reviewed periodically and required steps are undertaken for successful implementation of the same.

Participation of the teachers in the decision-making Bodies:

PBRVITS believes teachers form the core group of decision implementation. Imperative, teachers from all cadres are part of every committee formed in line with requirements of higher education regulatory bodies like AICTE, UGC, NBA, NAAC and affiliating university. The Director, Deans and HODs, with help of faculty members review the progress achieved and problems faced by various committees. The management has always welcomed the views and suggestions expressed by the faculties in taking institution ahead. The presence of the faculty can be found in all the following committees.

- Academic Advisory Committee
- Staff Selection committee
- Anti Ragging Committee
- Grievance Redressal Committee
- IQAC Committee
- R & D Committee
- Training & Placement Committee
- Sports Committee
- Library Committee
- ICC

Senior professors from departments are identified in line with their expertise and background to head these committees. The members are faculty of different cadres. Selected committees have students as members.

File Description	Documents
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.6.1.1a.pdf
Upload any additional information	View File

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

Macro management level policy of PBRVITS is defined by the management and being percolated to different authorities which include, HODs, Exams, and Account Sections as depicted in the Organogram. Faculty members and other employees of PBRVITS adhere diligently all such management decisions. Two senior faculty members represent in the PBRVITS Governing Body, the appellate body in the Institute. Faculty members are part of Anti-ragging Committee, Research and Development Cell, Consultancy Cell, College Day celebration Committee, Technical Exhibition Committee, Examinations Committee, Sports day Committee, Cultural festival Committee, and many other committees that are constituted for the smooth conduction of various events.

All the new and revised policies to improve academic activities, methodology of conducting examinations are reviewed and discussed in HODs meeting before implementation. For the effective and efficient implementation of its Policy, the management has promulgated the following practices which show the participation of faculty at

various levels.

- Adequate financial support to each department for academic activites
- Recruitment of qualified staff as per AICTE guidelines.
- Motivation, guidance, appreciation, incentives and moral support to all the stakeholders.
- Developing effective mechanism for monitoring the activities.
- Arranging periodical meetings for interactions with teaching and non-teaching staff.

File Description	Documents
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.6.1.2a.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The perspective/strategic plan is made by institution to fulfill requirements of industry and society by providing quality education to produce technically competent Engineers and Managers to serve the nation. Students progression towards technical and social excellence is achieved with well established infrastructure.

Year

Institute Strategic goal

2017-18

JNTUA permanent affiliation

2018-19

Establishment of Innovation cell

2019-20

ISO certification

2020-21

NAAC - II cycle

2021-22

Autonomous status

Successfully Implemented:

- **In the academic year 2017-2018 infrastructure was developed as per the requirement of JNTUA and than application was submitted for Permanent Affiliation to JNTUA, Anantapur and JNTUA granted permanent affiliation from 2017 to 2022.**

- **The innovation cell is established in the academic year 2018-19 to encourage and motivate the students to participate and present their innovative skills.**

- **In the academic year 2019-2020 we have applied for ISO certification and we got ISO certification from KVQA CERTIFICATION SERVICES PVT. LTD.**

- **In the academic year 2020-2021, we have applied for NAAC – II cycle and got accredited by NAAC for 5 years from 2021 to 2025**

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.6.2.1a.pdf
Upload any additional information	View File

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 college has a well established organizational structure to execute smooth functioning of administrative and academic areas. Various bodies are formulated which constitute the organizational chart. Governing body is the highest decision making body constituting members from the management, Principal of the college, nominated faculty members, members from AICTE, JNTUA, State Government and other nominees from Educational and Industrial sectors. The Governing body approves the various academic and administrative activities of the college.

Principal, Heads of the Departments, sectional heads and co-coordinators of various committees have adequate participation in making decisions in academic and administrative functions under their purview. The organization has various departments based on specializations like CSE, EEE, ECE, MEC administration, Library, Physical education etc which are headed by respective HODs. In addition the organization has various domains common to the whole institution such as R & D, training and placement etc which is headed by professor in-charges. Department wise domains are looked after by the faculty in-charges of the respective departments. For the academic and administrative convenience and to assist the Principal, HODs and AO, various cells and committees are constituted.

File Description	Documents
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.6.2.2a.pdf
Link to Organogram of the institution webpage	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.6.2.2a.pdf
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 inter faces	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 following welfare measures done by the institution

Teaching:

Provident Fund: The teaching staff of the institution is covered under EPF Scheme. It is dependent on the year of the appointment.

Medical Health Insurance: The institute provides star Health Insurance to the staff members and their families.

Career Advancement Schemes: The institute allows faculties to go for higher studies and short term courses.

Faculty Improvement Schemes and Faculty Development Programs: The institute organizes Faculty Development Programs on frequent basis. Institute gives paid leave and Sponsors

Transportation facility: Institute provides free transportation facility for the staff members.

Research funds seed money: The faculties of the college are provided with the seed money by the college for research projects of the faculties.

Employee wards fee concessions: The college provides concessions / free ships to wards of the employees.

Non-teaching:

Provident Fund: The non teaching staff of the institution is covered under EPF Scheme. It is dependent on the year of the appointment.

Medical Health Insurance: The institute provides ESI to the staff members and their families.

Transportation facility: Institute provides free transportation facility for the staff members.

File Description	Documents
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.6.3.1a.pdf
Upload any additional information	View File

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

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

0

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

4

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
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

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
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

The college has a well defined method for performance appraisal system for Teaching and Non-Teaching staff to recognize developing abilities, asses the capabilities, competencies and to identify the training needs. Each employee's performance is assessed after completion of every year of service.

The faculty appraisal system for teaching staff has five components:

- **Teaching and Learning (50)**
- **Research Activates (10)**
- **Professional up gradation(15)**
- **Institutional Service (10)**
- **General (10)**

The faculty appraisal system for non-teaching staff has five components:

.The first component is based on technical contribution of individuals such as subject knowledge, awareness, productivity, quality, innovation, willingness to learn, diligence etc. The second component assesses the behavioral aspects like group behavior, punctuality, Quality of work, Regularity, Professional achievements, Workshops, seminars etc attended by the employees.

On the basis of the above details, a committee under the chairmanship of the Principal will evaluate the appraisals and submits its recommendations. It helps to analyze the strength and weakness of the employees of the institution. The systematic

procedure helps the Management to motivate the employees for better performance, to provide training in the areas where the faculty needs improvement.

File Description	Documents
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.6.3.5a.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

The Institution has established a mechanism for conducting internal and external audits on the financial transactions every year to ensure financial compliance. The committee thoroughly verifies the income and expenditure details and the compliance report of internal audit is submitted to the management of the institution through principal. External audit is conducted once in every year by an external agency.

Process of the internal audit:

All vouchers are audited by an internal financial committee and the expenses incurred under different heads are thoroughly checked by verifying the bills and vouchers. If any discrepancy is found, the same is brought to the notice of the Principal.

Process of the external audit:

The accounts of the college are audited by chartered accountant regularly as per the government rules. The auditor ensures that all payments are duly authorized after the audit, the report is sent to the management for review. Any queries, in the process of audit would be attended immediately along with the supporting documents within the prescribed time limits.

File Description	Documents
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.6.4.1a.pdf
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)

0

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

The institution strategies for mobilization of funds :

- **Fees Collections**
- **Term Loan and Hire Purchase Loans**
- **Government Grants and Sponsorship Receipts**
- **Non Government Bodies and Sponsorship Receipts**
- **Donations from well wishers (alumni and others), industries for institutional activities.**
- **Corpus Donation of Trust and Trust Contribution**

Optimal Utilization

- **Recurring Expenses -Salary to staff, academic activities and payment of bank interest**
- **Repair, replacement and maintenance**
- **Infrastructural development facilities and Building construction works**
- **Research and project activities**

- **Seminars, Conferences and Faculty Development Programmes**
- **Organization of co-curricular and extra-curricular activities**
- **Green Atmosphere**
- **Academic facilities – Library, Laboratories, Computers..etc**
- **Student services**

File Description	Documents
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.6.4.3a.pdf
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

The Internal Quality Assurance Cell (IQAC) of PBRVITS continuously monitors the quality practices and ensures all the institutional academic policies are thoroughly followed as prescribed by the apex bodies. The prime responsibility of IQAC is to initiate, plan and supervise various activities that are obligatory to increase the quality of the education imparted in the college. The IQAC strategically ensures the quality of teaching-learning practices through stringent initiatives and measures taken such as faculty self-appraisal, faculty development programs, workshops, conferences, training programs for non-teaching staff, setting quality benchmarks, key performance indicators, and Academic and Administrative Audit. Thus the IQAC monitors the continuous quality improvement of the academic processes.

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

- **Submission of SSR to NAAC for 2nd cycle Accreditation**
- **Submission of Self Assessment Report to NBA**
- **Applied for Autonomous status**
- **Conduction of Department wise Academic Administrative Audit**
- **Participation in NIRF**
- **ISO 9001:2015 certification**

File Description	Documents
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.6.5.1a.pdf
Upload any additional information	View File

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

The institution monitors and periodically reviews its teaching-learning processes and adopted methodologies/practices through various operations and expected outcomes. This process was monitored on continual basis by the Institutional Quality Assurance (IQAC). In addition, the IQAC also initiates necessary steps to measure the quality of education through regular and continuous follow-up actions.

The IQAC reviews academic progress by conducting annual academic audit and the following are the innovative processes adopted by the institution in Teaching and Learning:

The following are the incremental improvements in quality made during year

- **Got accredited by NAAC (II cycle)**
- **Got Autonomous status**
- **Institution is obtained ISO certification**
- **Applied for NBA**
- **Use of ICT based learning**
- **Increase in academic performance of students**
- **Increased in number of placements**

File Description	Documents
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.6.5.2a.pdf
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)

File Description	Documents
Paste web link of Annual reports of Institution	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.6.5.3a.pdf
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

The institute takes utmost care for the safety and security of the women at campus. Full time security is placed at the entrance and any outsider comes to the campus has to make the entry of their details in the register. The hostel being in campus is also a safety arrangements as the main entrance to hostel will be locked at a stipulated time. Girls' counselors are nominated from the lady faculty members from each department for the assistance of girl students and to encourage them to report the cases of sexual assault without fear. A feedback form has been prepared by the Women Cell to take feedback from girl students regarding their safety and security on the campus, to further improve the mechanism. All the girl students will be made aware about the guidelines and the safety measures by Members of Women Empowerment Cell. The women Empowerment & grievance cell takes care of the needed counseling session for the women related issues on the campus like health , hygiene and any grievances etc. Appointment of lady doctor in college campus to look after health issues of girl students.

File Description	Documents
Annual gender sensitization action plan	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.7.1.1a.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	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.7.1.1a.pdf

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

A. 4 or All 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

Solid waste management:

The institution practices the segregation of solid waste into dry waste and wet waste. Dustbins are placed separately for dry waste and wet waste in the campus. The collected waste is segregated at the source of generation. The dry waste consists of paper, plastic, dry leaves etc are collected regularly. Papers, Plastic and scrap are given to the external agencies for recycling. The dry leaves, twigs etc are collected and decomposed in a pit which is used as manure for trees and plants. The sanitary waste collected from washrooms is given to municipal waste collection area through trucks.

Liquid waste management:

The institute practices segregation of waste water into water from wash rooms and water from laboratories. This water is cleaned and

the recycled water is diverted to the garden to maintain plants inside the campus.

E-waste management

The damaged computers and condemned batteries are disposed through outside agencies. Obsolete computers and other electronic gadgets are sold to recyclers. E-waste generated is given to the authorized dealers who purchase the scrap and reuse the useful components. Apart from this, the electronic and electrical instruments under repair are given to the students during the lab sessions to dismantle and reassemble, which help in application oriented learning. The low configured computers are donated to nearest schools.

Waste recycling system

The college has water recycling plant, which recycles the daily waste water from hostels and college.

Hazardous Chemicals Management: Acids, bases and organic liquids in chemistry are collected and maintained separately labs. On a regular basis these are neutralized, diluted and disposed in the wash basin. The cultures grown in the biotech lab are autoclaved and disposed.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

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

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

1. **Restricted entry of automobiles**
2. **Use of bicycles/ Battery-powered vehicles**
3. **Pedestrian-friendly pathways**
4. **Ban on use of plastic**
5. **Landscaping**

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

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

A. Any 4 or all of the above

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

B. Any 3 of the above

including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment   5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of 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	View File
Details of the Software procured for providing the assistance	View File
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 institute organizes various events to inculcate the values like tolerance and harmony towards

cultural, regional, linguistic, communal socioeconomic and other diversities.

1. **Cultural Events: various themes in cultural events like "unity in diversity" in fashion show, dance and dramas is organized.**
2. **Speech & debate competitions: these competitions are organized by the staff to increase the communications skills and also talk & sensitize other students on various cultures followed in India.**
3. **Celebrations: the institute celebrates various festivals to create awareness among the students about the cultures and traditions behind the festivals.**
4. **Extension activities: the institute organizes various rallies, and road shows so that students communicate to the public and understand their problems.**

The institution organizes the following activities:

- Orientation Programme
- Induction Programme
- Fresher's Day
- Annual Day
- Class Farewell Programs
- Women's Day
- Teachers' Day
- Engineers Day
- National Science Day
- Republic Day
- Independence Day
- Sankranthi festival.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	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 understands the need for embodying the principles of responsible citizenship for the nation's development. The life of a student is not limited to the classroom curriculum. In fact, as building blocks for the future of the nation, students need to be aware of their duties and responsibilities as citizens through the extension activities.

In the institution, national festivals like Republic Day and Independence Day are celebrated every year to instill a sense of national pride. Many literary and cultural events like essay writing, elocution, singing and dancing with themes of patriotism are conducted before the national festivals. The winners are felicitated during the celebrations.

'Human Values and Professional Ethics' is taught as a curse in one of the semesters. This course facilitates in enhanced understanding of the principles governing life, society and carrier. Seminars on Human Values and Professional Ethics are conducted to enable the students and faculty understand human ethics and values.

Students showed their social responsibility by participating in digital literacy camps after demonetization to facilitate digital

transaction among the digital illiterates in nearby villages. NSS unit adopted some villages and conducted number of community programmes like Swatch Bharat for educating in villages about cleanliness. The institution thus, takes timely measures to sensitize students and employees of their constitutional obligation.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.7.1.9a.pdf
Any other relevant information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.7.1.9a.pdf

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

A. All 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	View File

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

The institute organizes the following constitutional awareness programme for the students of the institute:

1. Syllabus: As a part of the syllabus all the first and second

year students have a subject on Human values and professional values, Universal Human Values.

1. Dr. B R Ambedkar Jayanthi: The constitutional day is also observed as a part of Dr. B R Ambedkar Jayanthi. On the same day the students will take part in giving a debate, speech and other kind of oratory sessions n the constitution and its various amendments and also roles and responsibilities of the citizens of India.

1. National Youth day: The institute also organizes the national youth programme to inculcate the ideas on youth as the power of the country. The quiz, speech and debate competitions are organized by the institute, so that students to talk on the topics like, rights of an adult., rights and duties of citizens, youth as strength of India. Etc.

1. Republic day: the institute celebrates republic day and organizes various oratory events for students

1. Independence Day: the institute observes the Independence Day every year and hoists the national flag and also organizes speech competitions for the students on the "meaning of freedom, favorite freedom fighter, lessons from the freedom fighters, etc.

1. Gandhi Jayanthi: the institute organizes the Gandhi Jayanthi every year, and also organizes the oratory competitions for the students of the institutions

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	View File

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

Title of the Practice:

Personality and Career Development Program (PCDP – Soft Skills Training)

Objectives of the Practice:

- To enhance employability of the student and prepare him/her to face competitive environment.
- To train the students in the fields of soft skills, communication skills, intrapersonal skills and prepare them to face interviews and get better placement.
- Involve the eligible students to understand the importance of career building, industrial jobs and entrepreneurship.

The Context:

Unlike hard skills, which can be proven and measured, soft skills are intangible and difficult to quantify. Some examples of soft skills include analytical thinking, verbal and written communication, and leadership. Research from the Society for Human Resource Management found that technical abilities like reading comprehension and mathematics aren't prized as much as soft skills, meaning you have to bring more to the table than, say, great sales numbers, coding languages, or test scores.

One reason soft skills are so revered is that they help facilitate human connections. Soft skills are key to building relationships, gaining visibility, and creating more opportunities for advancement. Trying to find a job as a graduate can be tough, but developing a bank of soft skills is one way to boost your employability. Soft skills are personal qualities that allow an individual to interact with others and effectively contribute to a business. They are highly advantageous when it comes to working within an organization and are an ideal way for graduates to highlight their value when they are lacking the relevant experience.

Basically, you can be the best at what you do, but if your soft skills aren't cutting it, you're limiting your chances of career success. Hence, it is necessary for the students to know the latest developments happening and work culture adopted in the industry. This helps to bridge the gap Industry and academia.

The practice:

The Institute being located in rural area, has students with

different educational and cultural background. Personality and Career Development Program (PCDP) is for all 3rd year Engineering graduates and is designed by the in-house soft skills training team, considering the needs of the students required to fulfill the demands of corporate world. The program is designed, to enables students to develop different soft skills like Communication Skills (Speaking, Reading and Writing), Leadership, Team Work, Time Management etc. In addition, activities like role plays, group discussions, mock interviews etc. are also conducted for students in order to give them first-hand experience on recruitment techniques used by various renowned companies for recruitment purpose. Special remedial classes are also conducted on Spoken English and the basic math for the students who completed their schooling in the regional medium (Telugu).

We do not believe in learning only within the four walls of a classroom. Personality development is the skill which cannot be acquired just by learning in the class but more exposure to practical learning. The following activities are regularly conducted to help students build their personality and thereby hone their inherent potentials.

Communication Activities: Both written and verbal communication skills are of utmost importance in the workplace because they set the tone for how people perceive you. They also improve your chances of building relationships with co-workers. Communication skills boost your performance because they help you to extract clear expectations from your manager so that you can deliver excellent work. Employees are more productive when they know how to communicate with their peers. If you can clearly express the who, what, when, where, why, and how of a project, you'll be a hot ticket. In this context, students are given opportunities to participate in stage presentations, interactive sessions, role plays and object description activities. One way to elicit enthusiasm among the students is to involve them in events which are both interactive and entertaining like playing small skits on some simple themes. These activities are a raging hit with the participants as they stimulate both their intellectual and physical stamina.

Team Work (Group Activities): A company's success is rarely dependent on one person doing

something all by him/herself. Success is the result of many people working toward a common goal. When employees can synthesize their varied talents, everyone wins. So employers look to team players to help build a friendly office culture, which helps retain employees

and, in turn attracts top talent. Furthermore, being able to collaborate well with your co-workers strengthens the quality of your work. In this regard, group activities like Group Discussions and Team Building Games are conducted to help students gain command on how to be an effective and contributing member of the team. Students are given responsibilities of organizing several events like fresher's day, seminars, conferences and annual day celebrations.

Mock Interviews: The purpose of a mock interview is to provide students with an opportunity to practice interviewing skills in an environment similar to an actual interview. A mock interview is a great opportunity to become familiar with interview questions and interview etiquette. Interview apprehension or even anxiety can be very uncomfortable for the interviewee. Two of the best defenses to counter the stresses associated with interviews are preparation and practice. A mock interview provides the interviewee both an opportunity to practice and prepare for an interview. The in-house campus recruitment training team does exactly this. Students are thoroughly trained on Resume preparation, Dressing for success, grooming, interpersonal skills, attitude and confidence building through mock interviews. It is ensured that every student appears for a couple of mock interviews before they appear for the real interviews during the campus recruitment season. These mock interviews enable the students to showcase their best potentials during the process.

Evidence of Success:

- Output is assessed through scrutiny of results, placement records and student's feedback
- Improved communication skills and confidence among the students
- Student performance in On Campus and Off Campus placement has been enhanced,
- Student performance in technical skill and HR interview has been improved
- Participation of students has increased.
- Improving students' entrepreneurship skills.
- Association with industries has increased
- Many companies are our placement partners as of date,
- Students interaction in English with the faculty has improved
- Our Students performance is highly appreciated by the students and the teachers of other colleges when our students go for paper presentations and conferences

Problems Encountered:

- English communication and writing ability of the students from rural areas.
- Adjusting the trainings and workshops in regular schedule
- Financial problem for arranging workshops and training programs.

Resources required:

- Management support: Without Management's involvement and support, the best practices cannot be implemented
- For success of such practices require attitude and willingness on the part of the facilitator without which it is difficult to motivate students which is the target audience of the Institute
- Degree of motivation required in the minds of the students can result in success of such practices

BEST PRACTICE – II

Title of the Practice: Proctoring / Mentoring System

Objective:

- To achieve the vision of the institution viz., to develop all round personality of the students on progressive lines.

- To provide a continuous learning process for both the mentor and the mentee. · To establish the mentor as a role model and to support the mentee for personal and academic development. · To establish a vibrant relationship between the teachers and the students that will ensure responsible behaviour and discipline.

The context:

The nature of students' background i.e. catering to different socio-cultural and economic diversity necessitates mentoring being opted as one of the best practices by the institution. The absence of institutionalized system of having proper system of mentoring, guidance and counseling in the region along with the obvious fact that most of the students are from remote areas and first generation learners makes it imperative on the part of the institution to provide mentoring i.e. guidance for all-round development of the students on academic as well as aesthetic lines. Moreover, it is

aimed to align with the institutional mission and vision statement aiming to develop students on progressive lines .i.e. to imbibe in the students a rational positive outlook towards life thereby making them responsible citizens.

The Practice:

Mentoring session is conducted every Saturday from 3:00 PM to 4:30 PM on a regular basis. The session is compulsory for every students to attend without fail. Mentors are assigned 15-20 students for the whole duration of a semester each .i.e. six months.

The mentoring parameters are based on four aspects i.e. academic, attendance, career and general.. The mentors are provided with details of mentee's performances in terms of academic (weekly test, class test, mid-term and end-semester exam) and attendance records. The mentor also keeps track of the mentee's personal development such as co-curricular activities, discipline and career related issues.

The diversity in students' background and upbringing i.e. lack in the art of effective articulation on introversion, indifferent attitude etc. The mode of communication between the mentor and mentee can be established through different mode(s) namely- In-person, Phone and E-mail. The practice of the mentoring system is evaluated by the Principal, Dean, Vice-Principals (Academic and Administration) bi-monthly so as to ensure quality and efficiency in practice. The grievances of the mentees are taken up by the mentor and if necessary it is forwarded to the Principal for necessary remedial actions.

Evidence of Success:

Improvement in mentees discipline, interaction and communication skills. improvement in students' attendance. Establishment of a vibrant relationship between teachers and students which has provided a congenial atmosphere in the class room as well as in the campus.

Problems encountered and resources required:

The diversity in students' background and upbringing i.e. lack in the art of effective articulation on introversion, indifferent attitude etc. Inadequacy in general guidance, career and professional related materials. This is due to the financial constraints faced by the management because the institution is

dependent on grants.

File Description	Documents
Best practices in the Institutional website	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.7.2.1a.pdf
Any other relevant information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.7.2.1a.pdf

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

Providing a technical platform to transform rural youth to qualitative techno crats.

Institute constantly practices innovative and interactive learning processes through quality and well recognized programs for overall development of students to impart high quality education. PBR Visvodaya Institute of Technology and Science is a well known Institute in the coastal region of Andhra Pradesh and is affiliated to Jawaharlal Nehru Technological University, Ananthapuramu. The Institute is well committed to the overall development of students irrespective of their origin, caste, culture or family background. Institute treats everyone equally when it comes to discipline and career development.

Vision:

To be a center of learning in Engineering and Management education with social commitment.

Mission

- **Impart quality teaching-learning practices in engineering and management education**
- **Involve the faculty and students in acquiring current developments.**
- **Inculcate innovative ideas and implement research activities in multi-disciplinary areas with social commitment.**

Institute is always committed to provide quality engineering and management education to both therural and urban area students in

order to make them responsible citizens as well as managers. Many students are clueless or confused at the time of taking admission in the Institute, but every member of Institute is well equipped with this unique skill to make him or her understand that discipline is a regular practice here in order to achieve career goal. The overall journey of a student can be well explained from the first day when he or she starts attending the Induction activities in the Institute. Various activities during the events as well as in the classrooms surely boost the confidence level of students even if he or she is from rural or non-English medium background. The beauty of these uniquely designed co-curricular activities energizes students to express openly or participate in any topic. This kind of learning helps

students to improve communication, ethical behavior and positive attitude. There are many workshops, seminars, events, competitions during the academic years for which students are always encouraged to participate. The achievements at various levels prove it well. Institute always focus on providing the best library environment to the students by arranging competitions like Elocution or Best User award to impart the importance of reading among all. Students are provided with internet and wi-fi facility, latest national, international newspapers and journals to keep their knowledge abreast. Mentoring system ensures that every student is monitored personally by a distinct Parent Teacher assigned to their class who looks after their academic as well as personal issues and addresses them in the best possible way.

Benefits of having a class teacher to the class:

- Provide relevance to their program of studies
- Assist students to be better equipped to have control over their futures.
- Promote amongst students a better evaluation of relevant careers and subjects pursued.
- Greater understanding about the field or industry of their interest
- Enhancement of skills
- Greater confidence and self-esteem
- Seamless Transition from academics to real work life

Placement or Job oriented attitude in students:

Internal Training and Placement Cell makes students confident enough to face any questions in the interview by the human resource panel. Special lectures on soft skills, technical aptitude are arranged for

students to make them industry ready. Along with this professional assistance in the Resume making and group discussion, aptitude preparation is regularly arranged in the Institute where top coaching firms are invited in Institute to train students through classroom sessions. For giving practical knowledge about the industrial sector Institute arranges regular industrial study tours, internships from top associations. Students are kept in touch through the umbrella of alumni association where the achievements of various alumni are celebrated. They share their success stories through electronic mediums like email, Whatsapp, SMS etc. to be an unending part of Institute's family.

Communication and Soft Skills trainers conduct training sessions along with the regular workload to improve soft skills like English communication and presentation skills of students. Faculty members in Institute have to follow certain norms in the form of API and maintain the annual faculty diary. This gives them a clear idea on the syllabus planning as well as yearly activities to be conducted for the academic as well as for extra co-curricular events. API is conducted regularly and honest feedback is given to the faculty members to improve on their weak points to deliver in the best way for overall development of students. Institute has a distinct process of carrying out the result analysis for every subject when the university declares the result of semester exams online. This process of comparing the results with the other institutes makes it easy to compare the marks of toppers and the result percentage of each subject also across the university.

The growing charts of placement of Institute in the multinational companies also show its efforts towards giving maximum job opportunities to students. Through rigorous planning and management, Institute focuses at delivering the best of its abilities as per the defined vision. It is a matter of utmost importance to provide the best education possible to students who deserve it. Through several practices, Institute tries to make this journey as easy as possible for all students. Institute aims at creating a breeding ground for the students to grow and achieve success. The student's overall personality development is the most supreme and urgent task of the management.

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

The college is affiliated to JNTUA and follows the curriculum given by the University.

Academic calendar: The academic calendar provides date of commencement class work, duration of semester, period of internal tests, final semester exams etc. The department allocates subjects to teachers and prepares time-table in tune with the academic calendar and faculty members prepare lesson plan, notes, question bank, lab manuals for the courses handled by them in line with the university syllabi.

Delivery of academic activities: Institution provides teaching aids such as LCD projectors, Video conference room and NPTEL access for effective curriculum delivery.

Experiential Learning: All the laboratories are well equipped and periodically updated in line with the curriculum. Department conducts guest lectures, seminars, workshops and symposiums through students associations to supplement the curricular inputs.

Research activities: The institute strives to promote research activities in the departments and also to enrich the potential of faculties to guide students' projects by attending various lectures on Research given by eminent professionals.

Impact on Quality Enhancement Process: The institute supports all curricular & co- curricular needs of the students and in turn caters to all the requirements of a fair education to all classes of the Society.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.1.1.1a.pdf

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

The curriculum delivery is implemented as per the academic regulations specified by the Affiliated University. A meeting is conducted by the Principal before commencement of the academic year/semester to plan roadmap for further proceeding of academic activities as per the academic calendar. The curriculum delivery is implemented via the following steps designed by College Academic Committee

- Preparation of Academic calendar
- Subject allotment
- Preparation of Question Bank and
- Preparation of Lesson plans and Course files
- Preparation of Time Table
- Monitoring of course delivery and syllabus completion
- Feedback Mechanism:
- Identification of slow learners and advanced learners
- Conducting Internal Theory and Practical Examinations
- Uploading E-resources in Moodle server
- Implementation of OBE.

Faculty members prepare course files, which includes course notes, Question Banks, ELearning materials and circulates the course material with lecture schedules, course outcomes, CO-PO mapping, reference books, E-Learning resources etc. to students. Program Educational Objectives (PEO) and Program Outcomes (PO) are developed for each program, in line with the Vision and Mission of the Department to match with the Institutional Vision and Mission. OBE is adapted for the effective delivery of the curriculum.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.1.1.2a.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.	B. Any 3 of the above

| 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

11

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)

12

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

879

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

The curriculum is designed by the affiliating University, which includes many of the aspects such as the subjects namely Gender sensitization, Human values and professional Ethics, Social Ethics and Values, Environmental Studies etc.

Gender sensitization is included in social ethics and values courses in the curriculum given by the university, which covers Gender inequality, declining Sex ratio, sexual Harassment, domestic violence etc. Though it is in university syllabus, different activities relating to gender issues and awareness programs on gender sensitization, girls health, rights of Women, sexual harassment, women's empowerment, gender equity etc. are organized by the college.

University has included Environmental Studies in the curriculum and students are given inputs for promoting various environmental issues like Natural resources include Renewable and non-renewable resources, water resources, mineral resources and food resources.

University has included a course on Human values and Professional Ethics in Curriculum for all programs of B.Tech and M.B.A, mainly dealing with the ethical aspects for the prosperity of organization and for personal development of students. Even though it included in university syllabus different activities like seminars and workshops relating to Human values and professional Ethics/Social values and ethics, are being conducted by the college.

File Description	Documents
Any additional information	View File
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

337

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	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

717

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	A. All of the above

from the following stakeholders Students Teachers Employers Alumni

File Description	Documents
URL for stakeholder feedback report	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.1.4.1a.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.1.4.2a.pdf

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 students admitted during the year

632

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

295

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

The Institution strives hard to design and develop student-centric approaches and activities to address the individual requirements of diverse levels of students.

Identification of Slow and Advanced learners : Slow and advanced learners are identified to provide personalized attention and initiate appropriate individual measures. Several parameters have been used to identify the slow and advanced learners such as performance in internal exams, class room and laboratory interactions and levels of enthusiasm & participation in various activities.

Slow Learners: The areas of deficiencies of the slow learners are identified through mentors, class teachers and individual interactions and adequate remedial measures have been initiated such as-remedial classes Creating peer-learning ambience, Group activities, clubbing with advanced students.

Advanced Learners: The advanced learners are provided with several opportunities for enhancing their multi-dimensional competencies towards accomplishing their goals, such as - A team of In-house trainers impart intense training as per well visualized and structured training schedules integrated into the college schedules in the areas of aptitude, communication skills, core skills, and employability skills.

Orientation Programme and Bridge courses: These are organized by the college to help the students to reorient themselves by distinguishing between content learning and skill learning with application orientation.

File Description	Documents
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.2.2.1a.pdf
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
2470	166

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

Individualized Activities: Adequate training and encouragement is provided to the students to participate in seminars, conferences and guided to present papers and posters in various competitions. Regular library time is provided for accessing current journals and reference books. Tasks for problem-solving are visualized and implemented. Competitions in solving the challenges in coding are organized during Tech-Fests and other academic events, to develop technical and logical skills among the students and to improve their creative-critical thinking and problem-solving skills.

Experiential-Learning: The Departments continuously evolves strategies to involve the students comprehensively in the experiential learning processes. As part of these industrial trips, field visits, projects, participation in presentations and workshops and internships envisaged on regular basis to create real-time learning experience to the students.

Spoken Tutorial: The Institution accesses and organizes the training sessions of the educational content portal, Spoken Tutorial,, where a student can learn various Free and Open Source Software all by oneself.

Digital Resources: Several digital resources are kept available for the students to encourage the culture of self-study, research

and participatory learning. NPTEL video lectures, e-journals, e-books, CDs, DVDs, and access to innumerable internet resources through high-speed broad band connectivity are provided to the students.

File Description	Documents
Upload any additional information	[View File]()
Link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.2.3.1a.pdf

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

Information & Communications Technology (ICT) enabled teaching methodologies and advanced technology are being followed by the faculty members in class rooms.

The academic calendar, lesson plan, lab manuals and question banks with solution are made available at the very beginning of the semester. The use of multimedia teaching aids like, LCD projectors, classrooms with internet enabled computer/laptops/tablet systems are usually used in classroom.

The electronic resource packages like DELNET, NPTEL, SPOKEN TUTORIAL and Digital Library are available. The faculty members effectively utilize Audio Visual aids to demonstrate the concepts to the students.

USB Hard disk containing web and video courses (offline) from NPTEL are accessible to faculty and students from the server installed in the library. These courses are the part of LMS and also available on local Server.

Online tests are conducted and e-assignments are given through 'Code Tantra' software. Sufficient number of books, Journals, e-journals and e-books are available in the library. The research journals are available online and facility for accessing these journals is provided through proxy server in the campus.

Seminar hall is also equipped with multimedia facilities using ICT tools. Invited talks and webinars are conducted in seminar hall using ICT facilities.

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	[View File](#)

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

124

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

166

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

28

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

996

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.

Since the college is affiliated to JNTUA, the rules and regulations for evaluation process are laid down by the affiliating University and are communicated to students through syllabus copies supplied in the beginning of first year of their academic program.

Mid exams: The schedules of mid examinations are communicated to students and faculty in the beginning of the semester through academic calendar and conducted as per the schedule. After the correction, the mid answer scripts are distributed to the students and finalized mid marks are displayed in the department notice boards.

Labs assessment: The day to day performance of the student is recorded in each lab session and marks are allotted by considering the performance of the student in that lab session,

record work and the knowledge of the student on the experiment conducted on the lab session.

Projects work assessment: The project assessment is done through two internal reviews and external review. The details of guide allotted to the batch, review schedules and marks are displayed in the department notice boards.

Seminar Assessment: The seminar presentations are assessed based on topic selection, presentation, report preparation and seminar marks are displayed in the department notice boards.

File Description	Documents
Any additional information	View File
Link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.2.5.1a.pdf

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

PBRVITS is particular in maintaining transparency in the grievance redressal of examination related issues. College Examination Grievance Cell (CEGC) is constituted with Principal, Exam In-charge and two senior faculty members to looking into issues related to examinations.

Grievances Related to Internal Evaluations (IE): The activity of showing answer book to the student is in vogue, where the scripts or results are shown to the students after assessment of each IE. Discrepancies if any are raised by the affected student with CEGC. On issues not redressed by faculty, students have to register their complaint with CEGC in grievance form available in the examination centre. Based on the gravity of the complaint the grievances are resolved on the spot or at a later date. The resolved grievances are communicated to the department and the student.

Grievances Related to External Evaluations: The External Examinations (EE) are conducted by the university and hence all the grievances of students with regard to EEs are addressed by the Exam section to the University. The Rules and Regulations framed by the University are followed to raise the grievances. A record of the same is maintained with the institute's Exam

section.

File Description	Documents
Any additional information	View File
Link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.2.5.2a.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

The Vision, Mission, of various departments and Program Education Objectives (PEOs), Program Outcomes (Pos) and Program Specific Outcomes (PSOs) of various programmes were framed to implement the outcome-based education and also inculcate, involve the faculty, students and various stakeholders towards outcome based education.

The Program Outcomes (POs) are common for all engineering programmes defined as graduate attributes and the NBA has given.

Vision, Mission, PEOs and PSOs are prepared by the department for the respective programmes, Course Outcomes (COs) are prepared as mentioned below:

COs are prepared by selecting an action verb using Bloom's Taxonomy significant to subject content. COs are prepared based on the curriculum syllabus.

The Vision and Mission Statements along with PEO's, POs and PSOs are published (Internal and External Stake Holders) at:

- College website
- Department Brochure
- Department Newsletter
- Course files
- Lab Manuals
- HoD Room

- **Department Corridors**
- **Department Notice Boards**
- **Seminar Hall**
- **Faculty Rooms**
- **Class Rooms**
- **Tutorial Room**
- **Conference Hall /Department Library**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.2.6.1a.pdf
Upload COs for all Programmes (exemplars from Glossary)	[View File](#)

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

In order to evaluate the levels of attainment of the projected perspectives, the Institute strictly adheres to the procedures of considering the performance metrics of Program Specific Outcomes, Program Outcomes and Course Outcomes using the design of top-down approach and appropriately mapping them. Each Course Outcome is mapped with the Program Outcomes, and Program Specific Objectives. While calculating the attainment level bottom to top approach is used. Each course has specific measurable Course Outcomes.

For each course, attainment level of all Course Outcomes is arrived at scrupulously based on the student performance in the internal and external examinations. Similarly, the feedback at the end of course is taken to assess the Course Outcome indirectly. Thus, the attainment of Course Outcome is a combined result of direct and indirect assessment. This in turn helps in arriving at the Program Outcome assessment as each Course Outcome is mapped with certain Program Outcomes and Program Specific Outcomes. Besides this, the Graduate exit survey, Alumni Survey and Employer surveys are taken for indirect assessment of the Program Outcomes.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.2.6.2a.pdf

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

527

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	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.2.6.3a.pdf

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)

http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.2.7.1a.pdf

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)

0

File Description	Documents
Any additional information	View File
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 teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

5

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

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

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

1

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.3.1.3a.pdf

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The college has taken steps for developing ecosystem for innovations and various knowledge transfer methods through policies and systems in place. Institute encourages students/staff to work towards developing their own ideas and to share ideas between them and with technological leaders in the field. College educates students and staff through projects in the curriculum and outside curriculum. Innovative ideas of students are implemented in incubation center to convert ideas into working products for the benefit of students, industry and to the society,. Incubation center provides technical support to incubates and encourages them to become entrepreneurs. Guest lectures on Entrepreneurship are being organized regularly and entrepreneurship camps arranged.

Broader activities of Innovation and R & D Cell of PBRVITS:

- Time to time Industry leaders and eminent personalities are invited from various organizations for conducting seminars, workshops and symposiums.
- Provide Opportunity for Interaction with Successful student entrepreneurs from other institutions and Alumni entrepreneurs for motivating and inspiring budding entrepreneurs at PBRVITS.
- Envisage and adapt methods for taking up Industry-Institute collaborative projects and demonstrate student design up-gradation skills for knowledge transfer to industry.
- Assistance for students towards designing and developing and testing innovative and socially inclined projects.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.3.2.1a.pdf

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

14

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

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

0

File Description	Documents
URL to the research page on HEI website	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.3.3.1a.pdf
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

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

59

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

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

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers

in national/ international conference proceedings year wise during year

8

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

3.4 - Extension Activities

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

As a part of the extension activities which emphasizes community services, PBRVITS has NSS unit that provides free medical aid, supplies food for the orphan & old age people. From time to time the Institution also organizes various health and family welfare awareness program. These events are organized both on the premises of PBR VITS and outside the premises. The students are involved in organizing these camps. A large number of lives have been touched through the various events organized by this organization since its establishment ranging from economically deprived people to people who are deprived socially. Blood donation camps in collaboration with Indian Red Cross Society, Area Government Hospital Blood Bank are a regular feature.

Many of these events were covered by the leading newspapers and news channels. The huge response and success of these events exhibits the effort and sincerity of intensions of the members. The college's NSS unit also thrives to keep up the spirit and performance.

Students have conducted many of the socially sensitizing programs related to Swatch Bharat, Tree Plantation, Yoga, Women's parliament, Disha amendment bill, save water awareness rally, Seminar on Nation Building & Ban Plastic rally.

File Description	Documents
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.3.4.1a.pdf
Upload any additional information	View File

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

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

00

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

3.4.3 - 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

3.4.3.1 - 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

16

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 during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

5464

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](#)

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

0

File Description	Documents
e-copies of related Document	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of Collaborative activities with institutions/industries for research, Faculty	[View File](#)

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

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

16

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 built-up area of about 23985sq.m in around area of 12.72 acres of land with good infrastructure and facilities.

The physical infrastructure includes classrooms, laboratories, seminar halls, open auditorium, departmental libraries, staff rooms and central facilities like computer centre, central library, dispensary, gymnasium, transportation office, administrative office and they have been planned and constructed as per AICTE norms. The central library possesses Digital Library with 30 computers to access the e-learning resources. The Institute has two hostels one for boys and one for girls with internet facility and other modern facilities. First-aid boxes are provided in different locations inside the campus including departments, laboratories and hostels and they are periodically refilled.

The college has the following supplementary facilities in the campus - ATM, Canteen, Stationery Store, Sprawling playground 2 acres to conduct sports and games.

The institute has taken all aspects of safety and security measures by appointing security guards for the entire campus, Installing fire extinguishers, Protection against Earth Leakage (using Circuit Breakers), Installation of exhaust fans at specified locations, Provision for an outlet of fumes and gases from the laboratories, supply of RO Mineral Water and uninterrupted power supply through Generators and UPS.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.4.1.1a.pdf

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

The Institute is enriched with play area which includes:

Four Tennis courts with fled light facilitate, Athletic Track, Basketball Court, Cricket Ground, Football Field, Tennikoit Court, Volleyball Courts, Badminton Courts and Indoor games, Cultural Activities. PBRVITS strongly believes that Cultural activities are an integral part of enjoyment and entertainment, as a means of creative expression, for personal growth and the pursuit of excellence, to learn new skills, to meet new people, and to celebrate cultural traditions. The institute has established a Student Open Air Theatre which has a seating capacity of 1500.

Cultural facilities:

The cultural club actively involves in organizing events like annual cultural programmes like traditional day, annual day techno carnival, teachers day, and Fresher's day. And it also promotes participation of student in inter collegiate competitions. Involvement of the students in the cultural Activities is more pronounced with their dynamic participation in organizing several college events such as Orientation Programme, Fresher's Day, Annual Day, Class Farewell Programs and Women's Day. In addition they also involve in the regular events such as Teachers' Day, Engineers Day, National Science Day, Republic Day, Independence Day, Sankranthi festival and so on.

promotes participation of student in inter collegiate
competitions. Involvement of the students in the cultural
Activities is more pronounced with their dynamic participation in
organizing several college events such as Orientation Programme,
Fresher's Day, Annual Day, Class Farewell Programs and Women's
Day. In addition they also involve in the regular events such as
Teachers' Day, Engineers Day, National Science Day, Republic Day,
Independence Day, Sankranthi festival and so on.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.4.1.2a.pdf

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

47

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.4.1.3a.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

184.31

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)

The library of the institution is equipped with Library Management System services. ILMS Software Package is an Integrated Library management System (ILMS) with Barcode Scanner that supports all inhouse operations of the library.

The Central Library of the Institution has an excellent knowledge, providing facility for the benefit of students, faculties and researchers. As one of the best established library's meeting International Standards, the central Library has a large collection of books covering various branches of Engineering and Technology, Management, and Humanities and its related fields. The library is located in the ground floor of Cotton 'Block, and is spread over Ground area of 760 sq mts. The library building with book collection of around 40949 text books, 135000 E-books, SC/ST Book Bank with 4048 text Books and 806 back volumes.

Institute library is also using Drupal Content Management software, where Notifications, Question Papers, NPTEL videos, e-books, personality development videos, GATE, IES material available.

Library Management system (LMS) software with all the functional modules of library management completely implemented and has the following modules:

Name of the ILMS Software: Libsoft

Nature of Automation: Fully Automated

Version: 9.8.5.0

Administrator

Add User

Modify User

Delete User

Member Category

Holiday Master

Acquisition

Regular purchase

Journal Subscription

Cataloging:

Bibliographic data

All Types of Documents Entry

Subject Category

Vendor Master

Budget Master

Currency Master

Serial Catalogue

Journals Transaction

Journals Periodicity Report

Renewals for journals

Circulations or Transactions:

Material Transaction (Issues or returns)

Material Up dating

Member (student) Registration

Member (Staff) Registration

Fine Transaction or Up dating

Material Binding Transaction

Reservation Facility

Reports:

Material Search (Select Columns) Report

Book Search on Accession Number

Member (Staff/Student) Report

Title Summary for Material

Transaction (issues/returns) Material Report

Binders Report

Material Book Report

Category wise members (student/Staff)

Old Transaction Report

Barcode Printing:

Barcode Generation

Users barcode generation with Photo

Card Setting

Label Setting

Statistics:

Graph for material (Issue/Return) Transaction

Analysis Graphs

Member Transaction

OPAC:

Search by Author

Search by Title

List of New Arrivals

List of Journals

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.4.2.1a.pdf

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	**A. Any 4 or more of the above**

File Description	Documents
Upload any additional information	[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)

3.39

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
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

205

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 college updates the IT facilities on a regular basis. The connectivity through a fully network available campus with updated IT infrastructure, computing and communication resources offers student's highly interactive learning environment with full-fledged hardware and software training facilities.

All Labs and Central computing facilities are connected to LAN and Internet has been provided to all computer labs. Single network across the campus and access to internet resources under uniform network policy are also made available. Campus is Wi-Fi enabled with high speed and placed access points and repeaters at different locations. All class rooms are equipped with LCD projectors.

Up gradation arrangements on a regular basis are incorporated into yearly spending plan. Computers are gradually increased and updated with high configurations year after year. Majority of Pentium systems are replaced with Core2Duo and update with i3 systems.

Sufficient number of Printers and Scanners are available in the

Campus and the number is increased year after year as per the requirement. Licensed and open source software's are available in all required departments which are upgraded to meet the requirements as prescribed in the syllabus.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.4.3.1a.pdf

4.3.2 - Number of Computers

703

File Description	Documents
Upload any additional information	View File
List of Computers	View File

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

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

4.4 - Maintenance of Campus Infrastructure

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

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

8.31

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.

The physical, academic and support facilities like classrooms, labs, seminar halls, auditorium, computer centre, gymnasium, buses, boardroom, guest room etc., are well maintained and used based on the requirement as per the standard procedure.

Class rooms and seminar halls come under daily maintenance. The administrative staff takes rounds of all the class rooms and seminar halls every day. Laboratory in charge, along with laboratory assistant, ensures proper working of all equipment at the beginning of each semester. Repairs and Maintenance of laboratory equipments are initiated by the respective Laboratory In charge as and when required. Routine computer maintenance, software installations, networking, LCD projectors and CC cameras maintenance and checking activity carried out by team of system engineer, hardware engineers and technicians. The librarian takes care of utilization of books, computers and other learning materials in the library.

The physical director takes responsibility for all repairs pertaining to sports equipment and courts. He has to maintain courts properly on daily basis with the help of the maintenance staff. Maintenance of buildings and related areas are undertaken by the Maintenance Department. Maintenance staff consists of Qualified Electricians, Carpenters, Plumbers and other service personnel.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.4.4.2a.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

1566

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

139

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	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.5.3.1a.pdf
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

753

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

753

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

326

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	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

3

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

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

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

5

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

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.

0

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

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

The Institution firmly believes in empowering the students within the framework of the administrative processes through their participation in most of the academic and activities,

administrative bodies, co-curricular and association activities.

Every class has a Class Representative and a Lady Representative to appraise the management and administration of the issues pertaining to their classes. Involvement of the students in the Extra Curricular Activities is more pronounced with their dynamic participation in organizing several college events such as Orientation Programme, Fresher's Day, Sports Day, Annual Day, Farewell Programs. The participation of the student volunteers of NSS in a number of service activities is over whelming. They play a significant role in creating awareness on social service among the students, selecting service projects on basis of utility and feasibility and meeting emergencies and natural disasters within college and outside too.

The students are part of the committee as representatives in Internal Quality Assurance Cell, Anti-ragging committee, Alumni Association cell, Sports committee, Library Advisory committee, Hostel committee, etc.

File Description	Documents
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.5.3.2a.pdf
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

0

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

5.4 - Alumni Engagement

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

The Institute has an active activity calendar and connects with the alumni regularly.

Aims and Objectives:

- **To maintain and update contacts of Alumni.**
- **To conduct meetings regularly.**
- **To communicate the college events periodically to the Alumni.**
- **To invite Alumni to visit the campus and take their suggestions for the future improvement of the Institute.**
- **To conduct seminars, workshops with the support of Alumni.**

The Alumni of the Institute is warming up to the requirements of the Institute. Moderate financial support has been trickling in from the alumni. They have started, to identify the small, but necessary requirements and to attempt to provide the same. Till date their financial support extends to the following:

- **Giving incentive cash prizes during College Day celebrations and Alumni Association functions to motivate and encourage performing students.**
- **Donation of important books for the use of the students in diverse branches.**
- **Placing the dust bins to keep the campus clean.**
- **Arranging for the table name plates for the faculty to give a professional look**

- **Providing wall clocks for some departments.**

File Description	Documents
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.5.4.1a.pdf
Upload any additional information	View File

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

A. ? 5Lakhs

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

Vision:

To be a premier center of learning in Engineering and Management education that evolves the youth into dynamic professionals with a social commitment.

Mission:

- **To provide quality teaching-learning practices in engineering and management education by imparting core instruction and state-of-the-art infrastructure.**

- **To engage the faculty and students in acquiring competency in emerging technologies and research activities through Industry Institute Interaction.**

- **To foster social commitment in learners by incorporating leadership skills and ethical values through value-based education.**

Quality Policy:

The management is committed in assuring quality service to all

its stakeholders like parents, students, alumni, employees, employers and the community. Continual quality improvement by establishing and implementing mechanisms and moralities. Transparency in procedures and access to information and actions.

To strive for total quality management in order to have quality faculty and churn out quality students having powers in their technical / managerial domain with cultural values.

Effective leadership in tune with the Vision and Mission of the Institute:

Engineering Education contributes in nation building in a positive manner. To accomplish such task effective leadership is paramount. In view of this the leadership of PBRVITS has acquired 12.72 acre of land, constructed infrastructure comprising of well-equipped classrooms, cafeteria, hostels, labs, library, auditorium, play areas and related infrastructure. Recruited dedicated, qualified staff to take forward its commitment and vision. PBRVITS leadership has formulated a hierarchical structure of organization and policies to meet the vision and mission of PBRVITS.

Nature of Governance:

PBRVITS Governing body is top decision-making entity, which schedules meeting twice in a year, critical important decisions with respect to budgetary allocation and academic improvements are taken and the same is passed on to the member secretary of governing body, i.e. Director of PBRVITS. Further the Director summons the Deans and HODs of various departments to prepare the strategies for implementation of the decisions taken in the governing body meeting. The proceedings of the governing body meeting are reviewed periodically and required steps are undertaken for successful implementation of the same.

Participation of the teachers in the decision-making Bodies:

PBRVITS believes teachers form the core group of decision implementation. Imperative, teachers from all cadres are part of every committee formed in line with requirements of higher education regulatory bodies like AICTE, UGC, NBA, NAAC and affiliating university. The Director, Deans and HODs, with help of faculty members review the progress achieved and problems faced by various committees. The management has always welcomed the views and suggestions expressed by the faculties in taking

institution ahead. The presence of the faculty can be found in all the following committees.

- Academic Advisory Committee
- Staff Selection committee
- Anti Ragging Committee
- Grievance Redressal Committee
- IQAC Committee
- R & D Committee
- Training & Placement Committee
- Sports Committee
- Library Committee
- ICC

Senior professors from departments are identified in line with their expertise and background to head these committees. The members are faculty of different cadres. Selected committees have students as members.

File Description	Documents
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.6.1.1a.pdf
Upload any additional information	View File

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

Macro management level policy of PBRVITS is defined by the management and being percolated to different authorities which include, HODs, Exams, and Account Sections as depicted in the Organogram. Faculty members and other employees of PBRVITS adhere diligently all such management decisions. Two senior faculty members represent in the PBRVITS Governing Body, the appellate body in the Institute. Faculty members are part of Anti-ragging Committee, Research and Development Cell, Consultancy Cell, College Day celebration Committee, Technical Exhibition Committee, Examinations Committee, Sports day Committee, Cultural festival Committee, and many other committees that are constituted for the smooth conduction of various events.

All the new and revised policies to improve academic activities, methodology of conducting examinations are reviewed and discussed

in HODs meeting before implementation. For the effective and efficient implementation of its Policy, the management has promulgated the following practices which show the participation of faculty at various levels.

- Adequate financial support to each department for academic activites
- Recruitment of qualified staff as per AICTE guidelines.
- Motivation, guidance, appreciation, incentives and moral support to all the stakeholders.
- Developing effective mechanism for monitoring the activities.
- Arranging periodical meetings for interactions with teaching and non-teaching staff.

File Description	Documents
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.6.1.2a.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The perspective/strategic plan is made by institution to fulfill requirements of industry and society by providing quality education to produce technically competent Engineers and Managers to serve the nation. Students progression towards technical and social excellence is achieved with well established infrastructure.

Year

Institute Strategic goal

2017-18

JNTUA permanent affiliation

2018-19

Establishment of Innovation cell

2019-20

ISO certification

2020-21

NAAC - II cycle

2021-22

Autonomous status

Successfully Implemented:

- **In the academic year 2017-2018 infrastructure was developed as per the requirement of JNTUA and than application was submitted for Permanent Affiliation to JNTUA, Anantapur and JNTUA granted permanent affiliation from 2017 to 2022.**

- **The innovation cell is established in the academic year 2018-19 to encourage and motivate the students to participate and present their innovative skills.**

- **In the academic year 2019-2020 we have applied for ISO certification and we got ISO certification from KVQA CERTIFICATION SERVICES PVT. LTD.**

- **In the academic year 2020-2021, we have applied for NAAC – II cycle and got accredited by NAAC for 5 years from 2021 to 2025**

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.6.2.1a.pdf
Upload any additional information	View File

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 college has a well established organizational structure to execute smooth functioning of administrative and academic areas. Various bodies are formulated which constitute the organizational chart. Governing body is the highest decision making body

constituting members from the management, Principal of the college, nominated faculty members, members from AICTE, JNTUA, State Government and other nominees from Educational and Industrial sectors. The Governing body approves the various academic and administrative activities of the college.

Principal, Heads of the Departments, sectional heads and co-coordinators of various committees have adequate participation in making decisions in academic and administrative functions under their purview. The organization has various departments based on specializations like CSE, EEE, ECE, MEC administration, Library, Physical education etc which are headed by respective HODs. In addition the organization has various domains common to the whole institution such as R & D, training and placement etc which is headed by professor in-charges. Department wise domains are looked after by the faculty in-charges of the respective departments. For the academic and administrative convenience and to assist the Principal, HODs and AO, various cells and committees are constituted.

File Description	Documents
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.6.2.2a.pdf
Link to Organogram of the institution webpage	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.6.2.2a.pdf
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 inter faces	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 following welfare measures done by the institution

Teaching:

Provident Fund: The teaching staff of the institution is covered under EPF Scheme. It is dependent on the year of the appointment.

Medical Health Insurance: The institute provides star Health Insurance to the staff members and their families.

Career Advancement Schemes: The institute allows faculties to go for higher studies and short term courses.

Faculty Improvement Schemes and Faculty Development Programs: The institute organizes Faculty Development Programs on frequent basis. Institute gives paid leave and Sponsors

Transportation facility: Institute provides free transportation facility for the staff members.

Research funds seed money: The faculties of the college are provided with the seed money by the college for research projects of the faculties.

Employee wards fee concessions: The college provides concessions / free ships to wards of the employees.

Non-teaching:

Provident Fund: The non teaching staff of the institution is

covered under EPF Scheme. It is dependent on the year of the appointment.

Medical Health Insurance: The institute provides ESI to the staff members and their families.

Transportation facility: Institute provides free transportation facility for the staff members.

File Description	Documents
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.6.3.1a.pdf
Upload any additional information	View File

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

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

0

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

4

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
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

52

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
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

The college has a well defined method for performance appraisal system for Teaching and Non-Teaching staff to recognize developing abilities, asses the capabilities, competencies and to identify the training needs. Each employee's performance is

assessed after completion of every year of service.

The faculty appraisal system for teaching staff has five components:

- Teaching and Learning (50)
- Research Activates (10)
- Professional up gradation(15)
- Institutional Service (10)
- General (10)

The faculty appraisal system for non-teaching staff has five components:

.The first component is based on technical contribution of individuals such as subject knowledge, awareness, productivity, quality, innovation, willingness to learn, diligence etc. The second component assesses the behavioral aspects like group behavior, punctuality, Quality of work, Regularity, Professional achievements, Workshops, seminars etc attended by the employees.

On the basis of the above details, a committee under the chairmanship of the Principal will evaluate the appraisals and submits its recommendations. It helps to analyze the strength and weakness of the employees of the institution. The systematic procedure helps the Management to motivate the employees for better performance, to provide training in the areas where the faculty needs improvement.

File Description	Documents
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.6.3.5a.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

The Institution has established a mechanism for conducting internal and external audits on the financial transactions every year to ensure financial compliance. The committee thoroughly verifies the income and expenditure details and the compliance

report of internal audit is submitted to the management of the institution through principal. External audit is conducted once in every year by an external agency.

Process of the internal audit:

All vouchers are audited by an internal financial committee and the expenses incurred under different heads are thoroughly checked by verifying the bills and vouchers. If any discrepancy is found, the same is brought to the notice of the Principal.

Process of the external audit:

The accounts of the college are audited by chartered accountant regularly as per the government rules. The auditor ensures that all payments are duly authorized after the audit, the report is sent to the management for review. Any queries, in the process of audit would be attended immediately along with the supporting documents within the prescribed time limits.

File Description	Documents
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.6.4.1a.pdf
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)

0

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

The institution strategies for mobilization of funds :

- **Fees Collections**
- **Term Loan and Hire Purchase Loans**
- **Government Grants and Sponsorship Receipts**
- **Non Government Bodies and Sponsorship Receipts**
- **Donations from well wishers (alumni and others), industries for institutional activities.**
- **Corpus Donation of Trust and Trust Contribution**

Optimal Utilization

- **Recurring Expenses -Salary to staff, academic activities and payment of bank interest**
- **Repair, replacement and maintenance**
- **Infrastructural development facilities and Building construction works**
- **Research and project activities**
- **Seminars, Conferences and Faculty Development Programmes**
- **Organization of co-curricular and extra-curricular activities**
- **Green Atmosphere**
- **Academic facilities – Library, Laboratories, Computers..etc**
- **Student services**

File Description	Documents
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.6.4.3a.pdf
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

The Internal Quality Assurance Cell (IQAC) of PBRVITS continuously monitors the quality practices and ensures all the institutional academic policies are thoroughly followed as prescribed by the apex bodies. The prime responsibility of IQAC is to initiate, plan and supervise various activities that are obligatory to increase the quality of the education imparted in the college. The IQAC strategically ensures the quality of

teaching-learning practices through stringent initiatives and measures taken such as faculty self-appraisal, faculty development programs, workshops, conferences, training programs for non-teaching staff, setting quality benchmarks, key performance indicators, and Academic and Administrative Audit. Thus the IQAC monitors the continuous quality improvement of the academic processes.

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

- Submission of SSR to NAAC for 2nd cycle Accreditation
- Submission of Self Assessment Report to NBA
- Applied for Autonomous status
- Conduction of Department wise Academic Administrative Audit
- Participation in NIRF
- ISO 9001:2015 certification

File Description	Documents
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.6.5.1a.pdf
Upload any additional information	View File

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

The institution monitors and periodically reviews its teaching-learning processes and adopted methodologies/practices through various operations and expected outcomes. This process was monitored on continual basis by the Institutional Quality Assurance (IQAC). In addition, the IQAC also initiates necessary steps to measure the quality of education through regular and continuous follow-up actions.

The IQAC reviews academic progress by conducting annual academic audit and the following are the innovative processes adopted by the institution in Teaching and Learning:

The following are the incremental improvements in quality made during year

- **Got accredited by NAAC (II cycle)**
- **Got Autonomous status**
- **Institution is obtained ISO certification**
- **Applied for NBA**
- **Use of ICT based learning**
- **Increase in academic performance of students**
- **Increased in number of placements**

File Description	Documents
Paste link for additional information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.6.5.2a.pdf
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)

File Description	Documents
Paste web link of Annual reports of Institution	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.6.5.3a.pdf
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

The institute takes utmost care for the safety and security of the women at campus. Full time security is placed at the entrance and any outsider comes to the campus has to make the entry of their details in the register. The hostel being in campus is also a safety arrangements as the main entrance to hostel will be locked at a stipulated time. Girls' counselors are nominated from the lady faculty members from each department for the assistance of girl students and to encourage them to report the cases of sexual assault without fear. A feedback form has been prepared by the Women Cell to take feedback from girl students regarding their safety and security on the campus, to further improve the mechanism. All the girl students will be made aware about the guidelines and the safety measures by Members of Women Empowerment Cell. The women Empowerment & grievance cell takes care of the needed counseling session for the women related issues on the campus like health , hygiene and any grievances etc. Appointment of lady doctor in college campus to look after health issues of girl students.

File Description	Documents
Annual gender sensitization action plan	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.7.1.1a.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	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.7.1.1a.pdf

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	**A. 4 or All 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

```
Solid waste management:

The institution practices the segregation of solid waste into dry
waste and wet waste. Dustbins are placed separately for dry waste
and wet waste in the campus. The collected waste is segregated at
the source of generation. The dry waste consists of paper,
plastic, dry leaves etc are collected regularly. Papers, Plastic
and scrap are given to the external agencies for recycling. The
dry leaves, twigs etc are collected and decomposed in a pit which
is used as manure for trees and plants. The sanitary waste
collected from washrooms is given to municipal waste collection
area through trucks.

Liquid waste management:

The institute practices segregation of waste water into water
from wash rooms and water from laboratories. This water is
cleaned and the recycled water is diverted to the garden to
maintain plants inside the campus.

E-waste management

The damaged computers and condemned batteries are disposed
through outside agencies. Obsolete computers and other electronic
gadgets are sold to recyclers. E-waste generated is given to the
authorized dealers who purchase the scrap and reuse the useful
components. Apart from this, the electronic and electrical
instruments under repair are given to the students during the lab
sessions to dismantle and reassemble, which help in application
oriented learning. The low configured computers are donated to
nearest schools.

Waste recycling system

The college has water recycling plant, which recycles the daily
waste water from hostels and college.

Hazardous Chemicals Management: Acids, bases and organic liquids
in chemistry are collected and maintained separately labs. On a
regular basis these are neutralized, diluted and disposed in the
wash basin. The cultures grown in the biotech lab are autoclaved
and disposed.
```

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	[View File](#)
Geo tagged photographs of the facilities	[View File](#)

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Any other relevant information	[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

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	[View File](#)
Various policy documents / decisions circulated for implementation	[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

A. Any 4 or all of the above

following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

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

B. Any 3 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
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 institute organizes various events to inculcate the values like tolerance and harmony towards

cultural, regional, linguistic, communal socioeconomic and other diversities.

1. **Cultural Events: various themes in cultural events like "unity in diversity" in fashion show, dance and dramas is organized.**
2. **Speech & debate competitions: these competitions are organized by the staff to increase the communications skills and also talk & sensitize other students on various cultures followed in India.**
3. **Celebrations: the institute celebrates various festivals to create awareness among the students about the cultures and traditions behind the festivals.**
4. **Extension activities: the institute organizes various rallies, and road shows so that students communicate to the public and understand their problems.**

The institution organizes the following activities:

- **Orientation Programme**
- **Induction Programme**
- **Fresher's Day**
- **Annual Day**
- **Class Farewell Programs**
- **Women's Day**
- **Teachers' Day**
- **Engineers Day**
- **National Science Day**
- **Republic Day**
- **Independence Day**
- **Sankranthi festival.**

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)
Any other relevant information	[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 understands the need for embodying the principles of responsible citizenship for the nation's development. The life of a student is not limited to the classroom curriculum. In fact, as building blocks for the future of the nation, students need to be aware of their duties and responsibilities as citizens through the extension activities.

In the institution, national festivals like Republic Day and Independence Day are celebrated every year to instill a sense of national pride. Many literary and cultural events like essay writing, elocution, singing and dancing with themes of patriotism are conducted before the national festivals. The winners are felicitated during the celebrations.

'Human Values and Professional Ethics' is taught as a curse in one of the semesters. This course facilitates in enhanced understanding of the principles governing life, society and carrier. Seminars on Human Values and Professional Ethics are conducted to enable the students and faculty understand human ethics and values.

Students showed their social responsibility by participating in digital literacy camps after demonetization to facilitate digital transaction among the digital illiterates in nearby villages. NSS unit adopted some villages and conducted number of community programmes like Swatch Bharat for educating in villages about cleanliness. The institution thus, takes timely measures to sensitize students and employees of their constitutional obligation.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.7.1.9a.pdf
Any other relevant information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.7.1.9a.pdf

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	A. All of the above

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

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	View File

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

The institute organizes the following constitutional awareness programme for the students of the institute:

1. **Syllabus: As a part of the syllabus all the first and second year students have a subject on Human values and professional values, Universal Human Values.**

1. **Dr. B R Ambedkar Jayanthi: The constitutional day is also observed as a part of Dr. B R Ambedkar Jayanthi. On the same day the students will take part in giving a debate, speech and other kind of oratory sessions n the constitution and its various amendments and also roles and responsibilities of the citizens of India.**

1. **National Youth day: The institute also organizes the national youth programme to inculcate the ideas on youth as the power of the country. The quiz, speech and debate competitions are organized by the institute, so that students to talk on the topics like, rights of an adult., rights and duties of citizens, youth as strength of India. Etc.**

1. **Republic day: the institute celebrates republic day and**

organizes various oratory events for students

1. **Independence Day: the institute observes the Independence Day every year and hoists the national flag and also organizes speech competitions for the students on the "meaning of freedom, favorite freedom fighter, lessons from the freedom fighters, etc.**

1. **Gandhi Jayanthi: the institute organizes the Gandhi Jayanthi every year, and also organizes the oratory competitions for the students of the institutions**

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	View File

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

Title of the Practice:

Personality and Career Development Program (PCDP – Soft Skills Training)

Objectives of the Practice:

- **To enhance employability of the student and prepare him/her to face competitive environment.**
- **To train the students in the fields of soft skills, communication skills, intrapersonal skills and prepare them to face interviews and get better placement.**
- **Involve the eligible students to understand the importance of career building, industrial jobs and entrepreneurship.**

The Context:

Unlike hard skills, which can be proven and measured, soft skills are intangible and difficult to quantify. Some examples of soft skills include analytical thinking, verbal and written communication, and leadership. Research from the Society for Human Resource Management found that technical abilities like reading comprehension and mathematics aren't prized as much as soft skills, meaning you have to bring more to the table than, say, great sales numbers, coding languages, or test scores.

One reason soft skills are so revered is that they help facilitate human connections. Soft skills are key to building relationships, gaining visibility, and creating more opportunities for advancement. Trying to find a job as a graduate can be tough, but developing a bank of soft skills is one way to boost your employability. Soft skills are personal qualities that allow an individual to interact with others and effectively contribute to a business. They are highly advantageous when it comes to working within an organization and are an ideal way for graduates to highlight their value when they are lacking the relevant experience.

Basically, you can be the best at what you do, but if your soft skills aren't cutting it, you're limiting your chances of career success. Hence, it is necessary for the students to know the latest developments happening and work culture adopted in the industry. This helps to bridge the gap Industry and academia.

The practice:

The Institute being located in rural area, has students with different educational and cultural background. Personality and Career Development Program (PCDP) is for all 3rd year Engineering graduates and is designed by the in-house soft skills training team, considering the needs of the students required to fulfill the demands of corporate world. The program is designed, to enables students to develop different soft skills like Communication Skills (Speaking, Reading and Writing), Leadership, Team Work, Time Management etc. In addition, activities like role plays, group discussions, mock interviews etc. are also conducted for students in order to give them first-hand experience on recruitment techniques used by various renowned companies for recruitment purpose. Special remedial classes are also conducted on Spoken English and the basic math for the students who completed their schooling in the regional medium (Telugu).

We do not believe in learning only within the four walls of a

classroom. Personality development is the skill which cannot be acquired just by learning in the class but more exposure to practical learning. The following activities are regularly conducted to help students build their personality and thereby hone their inherent potentials.

Communication Activities: Both written and verbal communication skills are of utmost importance in the workplace because they set the tone for how people perceive you. They also improve your chances of building relationships with co-workers. Communication skills boost your performance because they help you to extract clear expectations from your manager so that you can deliver excellent work. Employees are more productive when they know how to communicate with their peers. If you can clearly express the who, what, when, where, why, and how of a project, you'll be a hot ticket. In this context, students are given opportunities to participate in stage presentations, interactive sessions, role plays and object description activities. One way to elicit enthusiasm among the students is to involve them in events which are both interactive and entertaining like playing small skits on some simple themes. These activities are a raging hit with the participants as they stimulate both their intellectual and physical stamina.

Team Work (Group Activities): A company's success is rarely dependent on one person doing

something all by him/herself. Success is the result of many people working toward a common goal. When employees can synthesize their varied talents, everyone wins. So employers look to team players to help build a friendly office culture, which helps retain employees and, in turn attracts top talent. Furthermore, being able to collaborate well with your co-workers strengthens the quality of your work. In this regard, group activities like Group Discussions and Team Building Games are conducted to help students gain command on how to be an effective and contributing member of the team. Students are given responsibilities of organizing several events like fresher's day, seminars, conferences and annual day celebrations.

Mock Interviews: The purpose of a mock interview is to provide students with an opportunity to practice interviewing skills in an environment similar to an actual interview. A mock interview is a great opportunity to become familiar with interview questions and interview etiquette. Interview apprehension or even anxiety can be very uncomfortable for the interviewee. Two of the

best defenses to counter the stresses associated with interviews are preparation and practice. A mock interview provides the interviewee both an opportunity to practice and prepare for an interview. The in-house campus recruitment training team does exactly this. Students are thoroughly trained on Resume preparation, Dressing for success, grooming, interpersonal skills, attitude and confidence building through mock interviews. It is ensured that every student appears for a couple of mock interviews before they appear for the real interviews during the campus recruitment season. These mock interviews enable the students to showcase their best potentials during the process.

Evidence of Success:

- Output is assessed through scrutiny of results, placement records and student's feedback
- Improved communication skills and confidence among the students
- Student performance in On Campus and Off Campus placement has been enhanced,
- Student performance in technical skill and HR interview has been improved
- Participation of students has increased.
- Improving students' entrepreneurship skills.
- Association with industries has increased
- Many companies are our placement partners as of date,
- Students interaction in English with the faculty has improved
- Our Students performance is highly appreciated by the students and the teachers of other colleges when our students go for paper presentations and conferences

Problems Encountered:

- English communication and writing ability of the students from rural areas.
- Adjusting the trainings and workshops in regular schedule
- Financial problem for arranging workshops and training programs.

Resources required:

- Management support: Without Managembant's involvement and support, the best practices cannot be implemented
- For success of such practices require attitude and willingness on the part of the facilitator without which it

is difficult to motivate students which is the target audience of the Institute

- Degree of motivation required in the minds of the students can result in success of such practices

BEST PRACTICE – II

Title of the Practice: Proctoring / Mentoring System

Objective:

- To achieve the vision of the institution viz., to develop all round personality of the students on progressive lines.

- To provide a continuous learning process for both the mentor and the mentee. · To establish the mentor as a role model and to support the mentee for personal and academic development. · To establish a vibrant relationship between the teachers and the students that will ensure responsible behaviour and discipline.

The context:

The nature of students' background i.e. catering to different socio-cultural and economic diversity necessitates mentoring being opted as one of the best practices by the institution. The absence of institutionalized system of having proper system of mentoring, guidance and counseling in the region along with the obvious fact that most of the students are from remote areas and first generation learners makes it imperative on the part of the institution to provide mentoring i.e. guidance for all-round development of the students on academic as well as aesthetic lines. Moreover, it is aimed to align with the institutional mission and vision statement aiming to develop students on progressive lines .i.e. to imbibe in the students a rational positive outlook towards life thereby making them responsible citizens.

The Practice:

Mentoring session is conducted every Saturday from 3:00 PM to 4:30 PM on a regular basis. The session is compulsory for every students to attend without fail. Mentors are assigned 15-20 students for the whole duration of a semester each .i.e. six months.

The mentoring parameters are based on four aspects i.e. academic, attendance, career and general.. The mentors are provided with details of mentee's performances in terms of academic (weekly test, class test, mid-term and end-semester exam) and attendance records. The mentor also keeps track of the mentee's personal development such as co-curricular activities, discipline and career related issues.

The diversity in students' background and upbringing i.e. lack in the art of effective articulation on introversion, indifferent attitude etc. The mode of communication between the mentor and mentee can be established through different mode(s) namely- In-person, Phone and E-mail. The practice of the mentoring system is evaluated by the Principal, Dean, Vice-Principals (Academic and Administration) bi-monthly so as to ensure quality and efficiency in practice. The grievances of the mentees are taken up by the mentor and if necessary it is forwarded to the Principal for necessary remedial actions.

Evidence of Success:

Improvement in mentees discipline, interaction and communication skills. improvement in students' attendance. Establishment of a vibrant relationship between teachers and students which has provided a congenial atmosphere in the class room as well as in the campus.

Problems encountered and resources required:

The diversity in students' background and upbringing i.e. lack in the art of effective articulation on introversion, indifferent attitude etc. Inadequacy in general guidance, career and professional related materials. This is due to the financial constraints faced by the management because the institution is dependent on grants.

File Description	Documents
Best practices in the Institutional website	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.7.2.1a.pdf
Any other relevant information	http://pbrvits.ac.in/files/Accreditation/NAAC/AQAR2020-21.7.2.1a.pdf

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

Providing a technical platform to transform rural youth to qualitative techno crats.

Institute constantly practices innovative and interactive learning processes through quality and well recognized programs for overall development of students to impart high quality education. PBR Visvodaya Institute of Technology and Science is a well known Institute in the coastal region of Andhra Pradesh and is affiliated to Jawaharlal Nehru Technological University, Ananthapuramu. The Institute is well committed to the overall development of students irrespective of their origin, caste, culture or family background. Institute treats everyone equally when it comes to discipline and career development.

Vision:

To be a center of learning in Engineering and Management education with social commitment.

Mission

- Impart quality teaching-learning practices in engineering and management education
- Involve the faculty and students in acquiring current developments.
- Inculcate innovative ideas and implement research activities in multi-disciplinary areas with social commitment.

Institute is always committed to provide quality engineering and management education to both therural and urban area students in order to make them responsible citizens as well as managers. Many students are clueless or confused at the time of taking admission in the Institute, but every member of Institute is well equipped with this unique skill to make him or her understand that discipline is a regular practice here in order to achieve career goal. The overall journey of a student can be well explained from the first day when he or she starts attending the Induction activities in the Institute. Various activities during the events as well as in the classrooms surely boost the confidence level of students even if he or she is from rural or non-English medium

background. The beauty of these uniquely designed co-curricular activities energizes students to express openly or participate in any topic. This kind of learning helps

students to improve communication, ethical behavior and positive attitude. There are many workshops, seminars, events, competitions during the academic years for which students are always encouraged to participate. The achievements at various levels prove it well. Institute always focus on providing the best library environment to the students by arranging competitions like Elocution or Best User award to impart the importance of reading among all. Students are provided with internet and wi-fi facility, latest national, international newspapers and journals to keep their knowledge abreast. Mentoring system ensures that every student is monitored personally by a distinct Parent Teacher assigned to their class who looks after their academic as well as personal issues and addresses them in the best possible way.

Benefits of having a class teacher to the class:

- Provide relevance to their program of studies
- Assist students to be better equipped to have control over their futures.
- Promote amongst students a better evaluation of relevant careers and subjects pursued.
- Greater understanding about the field or industry of their interest
- Enhancement of skills
- Greater confidence and self-esteem
- Seamless Transition from academics to real work life

Placement or Job oriented attitude in students:

Internal Training and Placement Cell makes students confident enough to face any questions in the interview by the human resource panel. Special lectures on soft skills, technical aptitude are arranged for students to make them industry ready. Along with this professional assistance in the Resume making and group discussion, aptitude preparation is regularly arranged in the Institute where top coaching firms are invited in Institute to train students through classroom sessions. For giving practical knowledge about the industrial sector Institute arranges regular industrial study tours, internships from top associations. Students are kept in touch through the umbrella of alumni association where the achievements of various alumni are

celebrated. They share their success stories through electronic mediums like email, Whatsapp, SMS etc. to be an unending part of Institute's family.

Communication and Soft Skills trainers conduct training sessions along with the regular workload to improve soft skills like English communication and presentation skills of students. Faculty members in Institute have to follow certain norms in the form of API and maintain the annual faculty diary. This gives them a clear idea on the syllabus planning as well as yearly activities to be conducted for the academic as well as for extra co-curricular events. API is conducted regularly and honest feedback is given to the faculty members to improve on their weak points to deliver in the best way for overall development of students. Institute has a distinct process of carrying out the result analysis for every subject when the university declares the result of semester exams online. This process of comparing the results with the other institutes makes it easy to compare the marks of toppers and the result percentage of each subject also across the university.

The growing charts of placement of Institute in the multinational companies also show its efforts towards giving maximum job opportunities to students. Through rigorous planning and management, Institute focuses at delivering the best of its abilities as per the defined vision. It is a matter of utmost importance to provide the best education possible to students who deserve it. Through several practices, Institute tries to make this journey as easy as possible for all students. Institute aims at creating a breeding ground for the students to grow and achieve success. The student's overall personality development is the most supreme and urgent task of the management.

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

Future plans of actions for the next academic year

- NBA Accreditation
- Participation in NIRF ranking
- ISO 9001:2015 certification

- **Conduction of Department wise Academic Administrative Audit**
- **Timely submission of AQAR to NAAC**
- **Motivating the faculty members to apply for Research Projects**
- **Conducting more number of workshops for students to enhance their practical skills**
- **Organizing National level Conference**
- **Strengthening the Institute – Industry Interaction**
- **MoUs with reputed Industries**
- **Review the academic activities and result analysis of all the Departments**