



YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	Poornima Institute of Engineering and Technology
• Name of the Head of the institution	Dr. Dinesh Goyal
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	9928015792
• Mobile No:	9887678379
• Registered e-mail	pietjaipur@rtu.ac.in
• Alternate e-mail	info@poornima.org
• Address	ISI-2, RIICO Institutional Area, Goner Road, Sitapura
• City/Town	Jaipur
• State/UT	Rajasthan
• Pin Code	302022
2.Institutional status	
• Type of Institution	Co-education
• Location	Urban
• Financial Status	Self-financing

• Name of the Affiliating University	Rajasthan Technical University, Kota
• Name of the IQAC Coordinator	Dr. Gautam Singh
• Phone No.	01412771259
• Alternate phone No.	9897195374
• Mobile	9001893262
• IQAC e-mail address	iqac.piet@poornima.org
• Alternate e-mail address	registrar.piet@poornima.org
3.Website address (Web link of the AQAR (Previous Academic Year)	http://www.piet.poornima.org/public/naac/AQAR%20(2020-21).pdf
4.Whether Academic Calendar prepared during the year?	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	http://www.piet.poornima.org/downloads

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.38	2019	09/08/2019	08/08/2024

6.Date of Establishment of IQAC

12/11/2018

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
PIET/Computer Engineering/ Dr. Dinesh Goyal	RTU-PIET Hackathon-21	TEQIP-III RTU,Kota	2020-21 (One Year)	1500000
PIET/Computer Engineering/ Dr. Dinesh	AICTE-MODROB Project	AICTE	2020-21 (One Year)	1284314

Goyal				
PIET/Computer Engineering/ Dr. Amit Gupta	FDP on "Big Data Analytics"	AICTE-ATAL	2020-21 (One Year)	93000
PIET/Computer Engineering/ Mr. Deepak Moud	FDP on "Cyber Security"	AICTE-ATAL	2020-21 (One Year)	93000
PIET/Computer Engineering/ Dr. Dinesh Goyal	International Conference ICPCC 2021	TEQIP-III RTU, Kota	2020-21 (One Year)	80000
PIET/Computer Engineering/ Dr. Dinesh Goyal	FDP on "Solar Energy Conversion and Storage"	TEQIP-III RTU, Kota	2020-21 (One Year)	75000
PIET/Computer Engineering/ Mr. Deepak Moud	Workshop on "Web Development Using PHP and Mysql"	TEQIP-III RTU, Kota	2020-21 (One Year)	75000
PIET/Computer Engineering/ Mr. Deepak Moud	Workshop on "FLASK PYTHON WEB APP FRAMEWORK"	TEQIP-III RTU, Kota	2020-21 (One Year)	75000
PIET/Computer Engineering/ Mr. Deepak Moud	Workshop on "Software Testing: A Practical Approach"	TEQIP-III RTU, Kota	2020-21 (One Year)	75000

8. Whether composition of IQAC as per latest NAAC guidelines	Yes
<ul style="list-style-type: none"> • Upload latest notification of formation of IQAC 	View File

9.No. of IQAC meetings held during the year	4
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	View File
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
<ul style="list-style-type: none"> If yes, mention the amount 	60000
11.Significant contributions made by IQAC during the current year (maximum five bullets)	
<p>IQAC worked continuously in imparting the Curriculum, Teaching, Learning Methodology, and Evaluation Reforms by bringing the quality management system in all aspects of the academic activities. It took the initiative to cross-examine the methodology of teaching and learning so that quality education could be ensured.</p>	
<p>IQAC Conducted Academic Audit and collect Feedback from stockholders, Feedback Analysis of teaching Learning Evaluation Process. Feedback and audit ensure the quality of delivery and fills the gap between the action decided and actions taken. The supportive documents related to this are collected and comparison is made to know the gap.</p>	
<p>IQAC played an important role in receiving research projects under TEQIP and AICTE. IQAC has also encouraged faculty members and Students to participate in various Conferences and Seminars, IPR activities Cultural Activities, Extra-curricular Activities and also Publish Research articles in SCI/SCOPUS indexed journals. The students and faculty members were motivated and funded for the activities. IQAC ensures the implementation of various activities as per the plan made by the committee.</p>	
<p>IQAC cell has continuously monitored the progress of the students In Employability through placement cell, Entrepreneurship and improved Self Confidence in them by bringing out Social Awareness. The data which various cells provide is screened by the committee and outcome of the activities is confirmed by the number of students participated and presented.</p>	

IQAC cell has maintained COVID-19 management and online education during pandemic situations. It ensured a safe environment at campus and fulfilled all the needs to ensure the safety of students and faculty members.

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
Preparation of institutional academic calendar 2020-21	As per govt.'s guideline for COVID-19 and considering the University academic calendar, Institutional academic calendar was prepared and circulated among the faculty and students.
As per guideline for COVID-19, adaptation of revised institutional policies and communication/ dissemination of the same to stakeholder concern.	Revised institutional policies have been adopted and communication/ dissemination of the same took place to stakeholder through online platform.
To audit Academic the financial sustainability of the institution in the light of pandemic and need for the new faculty recruitment.	To ensure retention of quality faculty and best service to students, new sustainable plan of academics and finance was revised as per the terms related to pandemic.
Assignment of academic and administrative responsibilities to the staff for the academic year -2020-21.	Academic and administrative responsibilities for the academic year 2020-21 were assigned to the staff for smooth functioning of the institute.
To participate and organized workshop, FDP, ATAL FDP , NPTEL Courses, COURSERA, etc.	Faculty members and students participated in more than 200 ATAL FDP and NPTEL courses. Faculty members and Students also used other platform for quality enhancement, like NPTEL, COURSERA, etc.
To conduct quality awareness campaign.	The IQAC has conducted quarterly meetings under the chairmanship of the Principal and detailed

	<p>plans and programs were formulated for quality awareness and various quality initiatives online with COVID-19 were initiated. IQAC also organized many awareness sessions for the assurance of quality education.</p>
<p>To organize programs on human values and professional ethics and gender equality.</p>	<p>Apart from having Human Values in curriculum, organized Online workshops/seminars/ webinars, intended to develop a set of beliefs, attitudes, habits that engineers should display during their professional career concerning morality.</p>
<p>Digitization (In COVID-19)</p>	<p>Professors of reputed National and International Universities.</p>
<p>Minimizing environmental abasement.</p>	<p>Diminished use of paper and plastic was promoted and Optimization of existing infrastructure could be possible through the policies made for this. Several activities of tree plantations were organized during the semester as per the academic calendar.</p>
<p>Development programs & improvement in research publications.</p>	<p>In this regard, workshops and webinars were conducted for students on recent development in the technological arena. Faculty members are instructed and promoted to publish 2 SCI/ SCOPUS journals per year and withal present their research papers in Scopus indexed conferences. Faculty members were encouraged through various incentive schemes for publishing research papers and patents.</p>
<p>Fulfilling social responsibilities.</p>	<p>Remedial Class related to various subjects for weaker students were organized. TEQIP remedial on Engineering</p>

	<p>Mathematics, TEQIP remedial session on Engineering Physics and TEQIP remedial session on Engineering Chemistry for 1st year students also took place. Books, clothes, food, medicine donation camps for slum dwelling children were accomplished. Regular motivational talk is organized to encourage the youth.</p>
<p>To Encourage meritorious faculty, employees and students by presenting them with awards, prizes and recognition certificates by PIET.</p>	<p>The Institute gives academic incentive, research and patent incentive to the faculty members for their remarkable results and research in various fields. The meritorious students have received gold medals for their academic result. Prizes and cash awards during the annual fest 'Kalanidhi' of the institutes is also given away every year as per Poornima policy.</p>
<p>Intensification of research work and IPR activities.</p>	<p>As per the intensification of research and IPR activities for better academic performance, 10 research papers will be published in SCI/Scopus/Indexed journals and all departments jointly organized a Scopus indexed international conference for the same wherein the faculty members were motivated and made understand the value of the course in terms of their progress and development.</p>
<p>The intensification of revenue as grant through the government/private funding agencies shall be focused and implemented.</p>	<p>This increased the generating of funds as compared to previous years funds through government and private agencies.</p>
<p>To collect feedback from students on 10 quality parameters related to</p>	<p>An online system feedback from students of each department after every class is collected and</p>

curriculum, teaching learning and evaluation process.	analyzed. They interact with the heads of the department and gap is found by the same. Feedbacks from students are also taken under student satisfaction survey.
To collect feedback from parents, employee and alumni.	Feedback is collected on sample basis and analyzed. The consolidated report is presented to the management for effective implementation of the suggestions received from them.
Participation from stakeholders	Alumni meetings are continuously arranged, annual online alumni meet organized to discuss and enhance wholesome education and development. Principal of the institute continuously interacts with the students to discuss various aspects. Several alumni session organized by alumni.
Includes classes on industry interaction in regular teaching and learning (i3 Day).	Institute includes classes on industry interaction in regular teaching and learning process.
To improve not only the number of students employed but also the quality of jobs/packages they receive.	The training and placement office was classified and groomed students from the beginning by focusing on areas aligned with the industry of interest and accordingly prepared students.
13. Whether the AQAR was placed before statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	
Name	Date of meeting(s)
Governing Council	19/03/2022
14. Whether institutional data submitted to AISHE	

Year	Date of Submission
2020-21	24/03/2022
Extended Profile	
1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	292
File Description	Documents
Data Template	View File
2.Student	
2.1 Number of students during the year	913
File Description	Documents
Data Template	View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	162
File Description	Documents
Data Template	View File
2.3 Number of outgoing/ final year students during the year	195
File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	95

File Description	Documents
Data Template	View File
3.2	101
Number of Sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	32
Total number of Classrooms and Seminar halls	
4.2	320.7
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	570
Total number of computers on campus for academic purposes	

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 Institute follows curriculum approved by affiliating University Rajasthan Technical University(RTU). Academic calendar is prepared at start, then Load is allocated and every teacher prepares a course file. Course outcomes and mapping with Program outcome is done. standard procedure is followed for lecture delivery. ICT tools are used in smart classes. evaluation is done through two midterm examinations, assignments, quizzes, and projects. CO-PO attainment is calculated after course completion. Measures have been taken in pandemic of Covid 19 for effective delivery of curriculum in online mode. We have used ICT tools MS Team, Google classroom. Following Documents is prepared by each faculty

1.

Syllabus

2.

Scheme - RTU

3.

ABC Analysis of Students

4.

ABC Analysis of Subject

5.

Subject Approach Paper

6.

RTU Question Papers

7.

RTU Question Paper Analysis

8.

Important Question Bank

9.

Open Book Test Question Papers

10.

Blown Up

11.

Deployment

12.

Zero Lecture

13.

NBA Course Diary

14.

Home Assignments(Regular, Google Classroom, Quiz, Class test or any other)

15.

Identification of Gap & Planned Activities-

For example-

1.Enrollment of students in NPTEL or other online tutorials.

2.Industry Visit or Expert Lecture

3.Technical workshop

16.

Detailed Lecture Notes With Front Page

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

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

The institute is affiliated with Rajasthan technical university (RTU), Kota and institute follow all the academic activities including conduct of Continuous Internal Evaluation (CIE) according RTU calendar. The Institute prepares academic and activity calendar in line with RTU calendar to conduct all academic and Non-academic activities. The examination scheme defined by the RTU is followed. As per academic calendar the institute conducts two mid-term exams for theory and practical and at least five assignments for each subject. During the pandemic situation the mid-term exams and assignments are conducted using Googleclassroom.

The institute maintains the standard of question paper as per CO's, at least four question papers are taken from the different faculties to increase confidentiality of the question paper. After conducting exam, the question paper is solved in the class room and evaluated answer sheets are shown to the students

To increase transparency and robustness in internal assessment, the institute shares all the relevant information to the students on www.cspiet.poornima.org. student progress report is also sent through post to parents. During pandemic of Covid 19 also all internal evaluations were done properly online. Practical examinations were conducted online through online tools.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	www.cspiet.poornima.org

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.

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

B. Any 3 of the above

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

1.2 - Academic Flexibility

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

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

5

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

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

9

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

2081

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

267

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

Poornima Institute of Engineering and Technology integrates issues relevant to Professional Ethics or Gender or Human values or Environment and Sustainability in its curriculum .

Apart from regular subjects based on Choice Based Credit System institute has WISE Club , PBIC Cell, Anti Ragging Cell, Council Cell, Helping Hands Club to plan and execute programmes on regular basis that are based on these issues.

The activities related to gender issues aimed at promoting gender equality and focus on women empowerment conducted by WISE Club.

The courses related to environment covers topic like Global Warming, Environmental Policy, Environmental Protection, Disaster Management, Solid Waste Management and So on.

Institute has subjects that integrates teaching human values in its curricular apart from this separate events, seminars, workshops, lectures are organised on regular basis. Institute has specially designed human values lab for the execution of events and classes. Almost all programmes integrates and teaches professional ethics in addition to that PBIC Cell organise various session with students as volunteer to practically inculcate Human Values, Professional Ethics and leadership in them.

Helping Hand Club organises Social Welfare activities to provide health services, welfare, spread awareness , empowering youth and women, employment generation, and children education.

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

11

File Description	Documents
Any additional information	No File Uploaded
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
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

706

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

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

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://www.piet.poornima.org/feedback

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

330

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

106

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

PIET institute assesses the learners every year by examining previous year's exams performance, conducting group discussions, taking interview, presentation and assigning quizzes. On the behalf of student's performance, they are categorized as advanced, average and slow learners. The first year students are categories on the basis of 10th & 12th class marks, interviews and further monitoring their class activities.

The second year to fourth year students are categories on the basis of past semester marks, group discussion and technical quizzes. In the pandemic situation the institute assigned/executed different tasks/activities to the learners (based on respected categories) to improve their performance.

Advanced learners are encouraged to study and write research papers, organized/attend workshops, implement non-syllabus projects, attend national/international workshops, seminars and webinars, carry out certifications and solve highly skilled puzzles and problems.

Average learners are encouraged to solve assignments, quizzes and university papers, attend workshops and seminars organized by the institute. The faculties of institute regularly judge their performance and suggest improvements.

For slow learners, the institute conducts remedial/extra classes; regular counseling is given by the subject teacher or class tutor and motivates them to develop self learning skills. Tutor is assigned to each student, who works as friend, parents, and philosopher and to address their issues and built self confidence. Their weekly performance is judged through viva-voce and quizzes.

File Description	Documents
Link for additional Information	http://www.piet.poornima.org/NAAC-AQAR/Criterion2/2.2/2.2.1/Criteria%202.2.1%20Proof.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
913	95

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

PIET works regularly with the students to enhance their learning capability by including teaching-learning methods i.e. experimental learning, participative learning, and problem solving methods. The institute organized special webinars, workshops and training about latest and industrial requirement technology, i3 day (Institute, Industry, Interaction) activities with the help of experts to enhance students reasoning and logical capabilities and motivate the students for certifications. The students are involved from the first day of the semester in various activities i.e. team building activities, daily practice sessions, extra-curricular activities, club activity, assignments, projects and quizzes; which help the students to boost academic performance and learn management activities.

Experimental Learning: Learning by doing enhance creativity, cognitive and perfectness level of the students. The institute performs the following experimental based learning methods to enhance student's capability.

- Projects (syllabus and non-syllabus) provide an experience of working on skills and technology to the students.
- Certification/ Add-on courses i.e. NPTEL, MS, IBM, Coursera etc helps the students to build up the precise set of skills according to their specialization and industry requirement.

- Internship help the students to expand in-demand technical skills, learn professional principles or manners.
- Project oriented Labs provide an experimental exposure to students in which they learn and implement simultaneously to enhance their skills.

Participative Learning: Actively involvement in a process helps the students to become responsive, proficient, sustainable, and empowerment. Students are regularly encouraged to actively involve in the activities organized by the institute.

- Club and extracurricular activities are helping the students to apply academic skills in a real-world like RTU-POORNIMAHACKATHON2021.
- Webinars, Workshops, Seminar and conferences are helping the students to learn and expose new technical skills, enhance verbal communication and self motivation.
- I3 day (Institute, Industry, Interaction) activities helps the students to enhance their reasoning and logical capabilities.

Problem solving methodology: The institute applies various problem solving methods i.e. Research Publication, Assignments, quizzes, case study, and workshops; which helps the students to assess and develop their knowledge and skills. The institute set question papers of midterm examination as per the course outcomes and program outcomes; which aware the students about objectives of course and program

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

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

The institute espoused and fruitfully implemented ICT methods in the pandemic situation to effectively carry out teaching-learning process. In the pandemic situation, institute has successfully run interrupt less online classes through MS-team. Google meet and forms are used to conduct online exam, viva-voce and presentation. Google classroom is used to evaluate student's midterm exams and assignments, share study material, solution of sample papers and RTU previous year question. Online gdb and Google Colab compilers are

used to demonstrate implement online practical assignments. Online smart boards are used by the faculties to explain numerical questions and logic based topics. During pandemic situation; the institute provides desktop/laptop with web camera, head phones and internet with high bandwidth to the faculties to interact with the students. The ICT tools play an effective role in that situation to successfully run academic activities.

The classrooms, laboratories, seminar halls, conference hall and auditorium of the institute are operational with ICT facilities. General ICT Tools which are being used by the PIET faculties are: Desktop and laptops, Projector, Digital cameras, Printer, Photocopier, Tablets, Pen Drive, Scanners, Microphones, interactive white board, DVDs, CDs, and Flash discs etc. The integration of ICT with teaching and learning has produced the significant positive gains in student's knowledge, skills and attitude.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://cspiet.poornima.org/

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

74

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

95

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

29

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

282.26

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.

The institute is affiliated with Rajasthan Technical University (RTU), Kota and institute follow the examination scheme defined by

the RTU. In terms of transparency, the institute publishes academic calendar of institute and RTU in the beginning of semester/year. As per academic calendar the institute conducted two mid-term exams for theory and practical. The institute ensures each student to undergo at least five assignments (one from each unit) for each subject. During the pandemic situation the mid-term exams and assignments were conducted using Google classroom and MSTeams. The institute maintains the standard of question paper as per OBE (Course Outcome and Program Outcome) and University exams. At least three question papers are taken from the different faculties to increase quality of the question paper. After conducting exam, the question paper is solved in the class room and evaluated answer sheets are shown to the students. Every class attendance is examined & reported by the faculties and time & again performance and attendance is shared with students and their parents. To maintain maximum attendance in the class the short attendee students are debarred from the examination.

During pandemic Social Outreach, Discipline & Extra Curricular Activities marks are decided according to their behavior during online classes and their contribution towards society. Institute maintains transparency in its academic & assessment process.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

Poornima Institute of Engineering and Technology is dealing a transparent and time-bound method for internal examination related grievances. As per University norms; institute conducts two Mid-Term exams for theory and practical. Immediately, after the Mid-Term exam; within one week answer sheets are evaluated by the faculties and shown to the students with solutions and marking scheme. If any student has grievances related to evaluation; the student has to apply to recheck the answer sheet. Institute share the result of evaluation to student by email or letter to respective parents. During the pandemic; the Mid-Term exams were conducted online and results were share through institute portal & email.

In certain components like Projects, Industrial Training Seminar,

Technical Seminar, Non Syllabus Projects etc. continuous evaluation is being done by the faculties and share evaluation to the students through Google sheet. Marking scheme of Social Outreach, Discipline & Extra Curricular Activities generally shared with the students in advanced at the beginning of the semester and before finalizing, institute share the marks with students for verification through portal.

In case of any issue regarding evaluation, student can drop a mail specifically designed for grievances. Institute resolves the issue as soon as possible and inform to the student. With these systems in place, PIET remarkably retain transparency to deal with grievances related to the internal assessment.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

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

Institute follows Outcome-based Education (OBE) which emphasizes on many components in terms of student achievement in the courses and program offered by the institute. The most important components are the Program Outcomes (POs), Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) and Course Outcomes (COs).

Institute follows the standard POs, as stated by NBA to adhere with Washington Accord and Graduate Attributes, which represents the knowledge, skills and attributes the students should have at the end of a four-year engineering program offered by the institute. Course Outcomes are the detailed description of the abilities what a student must acquire at the conclusion of a course.

Course Outcomes are designed in such a way so that they can fulfill the requirements of Program Outcomes and Program Specific Outcomes. To identify the keywords used in COs, bloom's taxonomy has been referred in conjunction with the course syllabus. The Course Outcomes are designed by Course Coordinators and finalized by Quality Improvement Committee (QIC) to achieve the Vision of the department with the help of its mission statements.

The COs-POs and COs-PSOs mapping depends on two factors: first, the learning level and second, the hours provided for that learning level. There are four learning levels are identified for this purpose.

Learning Level

% of hours required

correlation level

Master

$\geq 40\%$

Substantial(High=3)

Reinforce

$< 40\%$ and $\geq 25\%$

Moderate(Medium=2)

Understanding

$\leq 25\%$ and $\geq 10\%$

Slight(Low=1)

Introduction

Less than $< 10\%$

Not considered

Course Outcomes are maintained in Course diary by each faculty member. Course outcome is shared with students through Orientation sessions delivered by Head of the department, Zero lectures delivered by each subject faculty members, through various notice, Admission Brochure, flexes and websites, and are also circulated via email. In Midterm examination conducted by institution, question papers are also designed as per course outcomes and Program outcomes.

Institute also calculates attainment of PO's and ensures remedial measures are taken in subsequent sessions.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://www.piet.poornima.org/public/naac/Outcome%20Based%20Education.pdf
Upload COs for all courses (exemplars from Glossary)	View File

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

In order to access the performance of the learners, Institute performs the assessment of course outcomes and program outcomes at various level during and after course delivery. The assessment process followed by the institute is aligned with learning outcome.

Assessment tools to calculate the attainment of CO's

Category

Assessment Tool

Weightage

Internal

Mid Term Examinations

20%

Assignments/Tutorials

15%

Feedback & Survey

05%

External

University Examination

60%

Assessment tools to calculate the attainment of PO's

Category

Assessment Tools

Parts

Weight age

Direct

Course Attainment

40%

Career Oriented Learning

Mock Drives

Aptitude Classes

Career Guidance Programs

20%

Curricular and Extra Curricular Learning

Research Publications

Non-Technical Events

Non-Syllabus Projects

Student Driven Activities

20%

Indirect

Survey/Feedback

Alumni Survey

Employer Survey

Parent Survey

Program Exit Survey

20%

Formative and summative assessments are integral part of direct method. Tutorial /Assignment, Lab evaluations, Outcome based assessment are part of formative assessment while mid-term exams and university exams (for both theory and labs) are considered under summative assessment. The indirect method includes student feedback and survey conducted among the stakeholders to gather information. Besides that, students' portfolio and participation in career oriented activities are also included in the assessment process.

The assessment process followed by the institute, is used to evaluate the knowledge, skills and competence of the learners.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://www.piet.poornima.org/public/naac/Outcome%20Based%20Education.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

195

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://www.piet.poornima.org/NAAC-AQAR/Criterion2/2.6/2.6.3/NAAC%20C-2.6.3%20ANNUAL%20REPORT.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://www.piet.poornima.org/NAAC-AQAR/Criterion2/2.7/2.7%20\(AQAR%202020-21%20SSS\).pdf](http://www.piet.poornima.org/NAAC-AQAR/Criterion2/2.7/2.7%20(AQAR%202020-21%20SSS).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)

50.06

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

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

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

4

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	Nil

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

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

23

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

3.2 - Research Publications and Awards

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

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

28

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

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

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

27

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

3.3 - Extension Activities

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

Poornima Institute of Engineering and Technology has continuously been a part of social enrichment activities. Main purpose of these activities is to develop a humanitarian approach in student behaviour for social causes. Poornima Institute of Engineering and Technology believes in the holistic development of the students, to be part of the future of the society. The students' Council is formed in college for motivating self decision power of the student and management skill of student. As a responsible part of society, Poornima Institute of Engineering and Technology is forming two significant forums named: Poornima Paathshala and Helping Hand Group. These programmes are endlessly flourishing to achieve the goal of not only creating socially responsible citizens but also to contribute towards the village adoption

Poornima Paathshala:

About Program: Taking the Right To Education ACT 2009 as the base the Council of the Poornima Institute of Engineering and Technology established the Poornima Paatshala as Club for providing education to the underprivileged children and people residing in nearby villages and slums. The Poornima Paathshal is a registered NGO to educate the underprivileged students. The group also comes with computer education for different age groups. The club also provides the book and stationary for the students. The club is associated with AIESEC where international interns stay in the campus and take the classes of the unprivileged students in the evenings.

Outcomes:

- Poornima Paathashala Club enlightens the society by educating unprivileged children, as education is a basic right given to each Indian citizen provided by the constitution.
- Student of the college get the knowledge of the both side of the table of the teaching-learning process
- Students of the college get the opportunity to be involved in the teaching-learning process.
- This Club also provides the society with the future society members who work for development of the society.

Helping Hand Group:

About Program:

Helping Hands, as the name suggests, is aimed to nurture students for lifting hands for helping the society to stand together and spreading happiness. Club has successfully done many events such as charity in Government schools, Shared Birthday Project, and many other noted events, also collaborating with other organisations whenever there is need. During the pandemic period the group also served people by providing those Verified leads of resources like oxygen, beds, medicines, foods and other facilities and food for people in shelters. Encourage the public for the benefits of buying local goods. To maintain balance in our environment this group organised tree plantation. Covid -19 provide helping hand group an opportunity to join the hands and help covid-19 patients by providing them Verified leads of resources like oxygen, beds, medicines, foods, etc., and contribute to making their lives somewhat easy in this Pandemic situation.

Outcomes:

- Students being the part of helping hand groups get the de facto social issue insight.
- Students get experience of real time social problem solving.
- Students understand the role of them in building a sustainable society.

File Description	Documents
Paste link for additional information	http://www.piet.poornima.org/NAAC-AQAR/Criterion3/3.3/3.3.1/3.3.1.pdf
Upload any additional information	View File

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

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

02

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

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

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

12

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

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

3.3.4.1 - Total number of Students participating in extension activities conducted in

collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

467

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

3.4 - Collaboration

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

29

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	No File Uploaded

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

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

5

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
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 ensures adequate availability and optimal utilization of physical infrastructure as it is linked to the mission of our Institute -"To create a knowledge-based society with scientific temper through cutting-edge technologies, innovative research and to become a valuable resource for enriching mankind." Through technically advanced educational tools and laboratory-like Industry sponsor labs like RED HAT lab, IBM Lab, and Microsoft & Celebal Lab also have AICTE Sponsored Deep Learning Lab under MODROBS.

Since the commencement of the academic year, College has kept pace for need-assessment for replacement / up-gradation / addition of the existing infrastructure with rising demands of the teaching-learning resources in the campus which is carried out based on the suggestions from higher authorities, Institutional Head, Heads of the departments and industries need after reviewing course requirements, student computer ratio, budget constraints, working condition of the existing equipment and also students grievances. The requirements regarding classrooms, laboratories, infrastructure development, and other equipment are planned by the respective department and purchased by the store department of the Institute.

Optimal deployment of infrastructure is ensured through encouraging innovative teaching-learning practices by conducting VSAT GATE training sessions weekly once for every department. The available physical infrastructure is optimally utilized beyond regular college hours, to conduct certificate courses, co-curricular activities/extracurricular activities, parent-teacher meetings, Campus Recruitment Training classes, campus recruitments, meetings, seminars, conferences, etc.

Effective utilization of infrastructure is ensured through the appointment of adequate and well-qualified lab technicians/system administrators.

Institute provides huge collections of books in its central library. Also, there is the provision of having remote access to get e-books, e-journals, and e-Learning.

BLOCK-A -: Is occupied by the library, 1st year, ECE department classrooms and ECE laboratories, EEE laboratories

BLOCK-B: Is occupied by Principal, Administrative & Civil department and classrooms.

BLOCK_C: consists of Seminar hall, Department staffroom & classrooms of CSE and T & P Office.

Some of the major facilities which are being used for effective teaching-learning are furnished below:

- 26 classrooms and 3 Conference halls are made available.
- All the classrooms and seminar halls are ICT-enabled with Wi-Fi Facilities.
- Every classroom and seminar hall has a provision for smart teaching tools, including an LCD projector, Laptop, etc., Furniture available in the classroom is suitable for sound learning
- State of the art laboratories are made available for all the programs
- Student - computer ratio is 2:1 and the allotment ratio in the lab is 1:1.
- One centralized computer center functioning 24 x 7 to support academic and research needs. Well-stocked library functioning from 08.00 am to 8.00 pm
- The Library has a subscription for online resources such as e-Journals, e-Books, Databases, etc., in addition to regular books, journals, magazines, newspapers, etc. Digital Library is functioning 24x7. The staff, students, and research scholars can access the E-resources, anywhere anytime through remote access. Department Library exists in all the departments, for immediate reference by their staff, students, and scholars.
- Smartboard facility is available
- 3 central facility seminar halls of capacity 300, 100, 100 each are available in the convention center for the conduct of conferences, seminars, workshops, Institution events, etc.,
- A state-of-the-art convention center of 400 seating capacity caters to the required needs of this institute.
- Innovation & Incubation Council (IIC), a not for Profit Company acting as a "One Stop Shop - Technology Business Incubator (PBIC)" for Startups.

The available resources are as follows:

Particulars

Description

For existing intake

Area In sqm

Nos.

Required

Available

Class Rooms

Good acoustic conditioned, ergonomically designed classrooms with glass boards and LCD projection & Internet facility

26

26

1971.71

Tutorial

Rooms

Well equipped with benches

08

08

351.15

Laboratories

Well equipped with multiple sets of apparatus.

43

43

3176.41

Workshop

Well equipped in all respect to conduct workshop Activities

05

05

1022.77

Seminar Hall

Seating capacity 100 students with LCD projection & Sound System

03

03

4000.10

Computer Centre

Equipped with latest Configuration Desktops and software

01

01

171.38

Drawing Hall

Equipped with drawing boards

01

01

151.58

Library & reading room

Equipped with digital library facility

01

01

526.00

Faculty Room

Equipped with latest Configuration Desktops and software

60

68

729.23

Conference Room

Seating capacity 30 Person with LCD projection & Sound System

03

03

240.12

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.piet.poornima.org/NAAC-AQAR/Criterion4/4.1/4.1.1/4.1.1%20new%20write%20up.pdf

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

Poornima Institute of Engineering and Technology has good facilities for conducting sports, games, and cultural activities. Sports facilities have been established for various games inclusive of Volleyball and shuttle Badminton, Kabaddi, Kho-Kho, Basket Ball Cricket court, and Throw the ball to ensure the focus of the institute in providing extra-curricular activities to the students. We also have facilities for Chess, Caroms, and Table Tennis. The

college strongly believes that a healthy body carries a healthy mind.

Sports & Games play an integral part in the all-round development of the student. Keeping this in mind the institution has a definite policy and plan of action to encourage sports & games. The college has incorporated a lot of games into the academic calendar. The institute encourages students to participate in sports & games outside the campus. Transport is provided to students to participate in events outside the campus. The constant support from the management towards sports and games considerably enhances the health of the students and relieves the tension. We won a number of tournaments. Institute is having sufficient areas for sports and playing areas for our students and we constructed comfortable courts for both boys and girls. The environment is eco-friendly which helps healthy playing conditions our aim is to provide all facilities for the students who are interested in sports and games.

YOGA Center

In this modern age of stress and hard work, every individual needs peace of mind and to overcome the stress, yoga is the best remedy. Yoga practice makes one's body and minds healthy. It not only keeps one fit but also enhances the human ability to think and increases the power of concentration. We conducted yoga for our students with a specified timetable. We also conducted yoga from the eminent yoga teachers once a month. We also found a huge number of students shown their interest to participate in yoga. Yoga became part of our curriculum after finding the importance of yoga.

CULTURAL Facilities

A Well-equipped and established cultural club is functioning on the college premises. We have organized various cultural events in our college premises at the University level thereby extracting the hidden cultural talent of the students. Under cultural activities, we celebrated for a number of functions and conducted various competitions.

Gymnasium

The gymnasium is situated in the boys and girls hostel separately where the instructor is appointed for guidance and the timings are fixed for the same in the morning and evening hours. In order to promote various health-related sessions, yoga is given importance to a great extent and it is a part of the orientation program every

semester.

The College has grounds and courts for the following sports inside the campus:

S. No

Ground Detail

Quantity

1

Volleyball

01

2

Football Ground

01

3

Basketball Court

01

4

Lawn Tennis Court

01

5

Kabaddi Court

01

6

Outdoor Stadium

01

7

Yoga Center

01

8

Gymnasium

01

9

The College has the following for cultural activity inside the campus:

S. No

Detail

Quantity

1

Arbuda convention center

01

2

Open Auditorium

01

The College has the following faculties inside the campus also:

S. No

Detail

Quantity

1

Provisional Store

01

2

Canteen

01

3.

Reprographics Section

01

Links: <http://www.piet.poomima.org/facility> <http://www.piet.poomima.org/past-events>

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.piet.poornima.org/NAAC-AQAR/Criterion4/4.1/4.1.2/PIET%20COLLEGE%20VISIT.mp4

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

32

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

32

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.piet.poornima.org/NAAC-AQAR/Criterion4/4.1/4.1.3/lecture%20hall%20B/
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)

95.79

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)

Our Institute Library has a rich collection of 24402 books & 78274 (Print/E-Journals) in the field of Engineering, Science & Technology, Architecture, Design, Sc. & Humanities, Management, Hotel Management, Commerce, French, Mathematics, Physics, Chemistry, Environmental Sciences and also in the field of Humanities and Social Science including English. For library Housekeeping, The access of the library is 100% Automated with ILMS using KOHA (19.11 Version) Web OPAC and research databases on a single platform

Institute Library system provides a variety of E-Resources & Databases to the users to supplement their teaching, learning, and research activities. These E-Resources can be accessed inside and outside the campus. For using them inside, users just need to click

on the link of desired E-Resource IP address available

EBSCO-IEEE SCOPUS JGATE DELNET RARE BOOKS

PATENT SEARCH

NATIONAL DIGITAL LIBRARY (NDL)

E-BOOK COLLECTION

NPTEL Video lectures

ONLINE PUBLIC ACCESS CATALOG (OPAC)(Timings 24 X 7 X 365)

The Library system provides web OPAC to search Books and other reading material available in Central Library. 'KOHA WEB OPAC' provides basic and advanced search options to the users. It tells about the status of availability of the document in the Library. Besides, it also shows some external links for further search on the desired document. The Library System provides state-of-the-art infrastructure for a comfortable learning environment The Online Catalogue of the whole Central library database is available 24X7 throughout the year. Users may search and check the availability of a particular book, journal, CD/DVD, thesis, dissertation, etc. anywhere and anytime. Email & SMS alerts of new arrivals, job notification conference & event notification is also provisioned

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://pietlibrary.poornima.org/

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)

14.13

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

25

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

4.3 - IT Infrastructure

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

The Institution has adequate and latest IT infrastructure. The IT infrastructure and resources are updated and upgraded continuously as per the requirements and changing technology. The entire Institute is Wi-Fi enabled with necessary firewalls and computer labs are connected through LAN with internet facilities. Dedicated

internet connectivity of bandwidth 100Mbps(1:1)is provided by Bangon super WiFi g. the campus is Wi-Fi enabled to promote digital flow. Faculty and Students can avail the Wi-Fi facilities 24X7, 365days. Internet facility is provided to the classrooms, laboratories, offices & hostels through Wi-Fi. Wherever high-speed connectivity is required wired connection through optical cable LAN services are provided to the departments.

A dedicated computer center is provided for browsing & accessing e-resources besides computer labs in each department. The Institute has an Internet registered domain name <http://poornima.org>, using which it provides its own e-mail facility, to staff and students. The institution provides free Wi-Fi facilities to the students. They can access the internet freely through their mobile phone, tablet, or laptop in the College campus. Staff is also provided with the individual system (Desktop) with an internet facility. With the increasing demand for internet access in educational campuses due to evolving standards of education and flexibility offered by the Internet - universities, colleges, educational institutes, etc., are keenly stepping forward to set up secured and stable wired or Wi-Fi network campuses for their students. As per the current market trend, most of the students like to carry 3-4 devices with them like mobile, tablets, laptops, etc. with them to campus. As these devices devour bandwidth, colleges and universities are struggling hard to keep up with the bandwidth demand. Educational campuses have major requirements of user access control, control over bandwidth consumption, and differentiated policy control for management faculty access and student access.

These campuses with wired and wireless internet access require seamlessly roaming facilities to access the internet from classroom to library to labs and residential areas. Laying a complete network with different vendor solutions would be a very costly effort and difficult to manage while technical issues. Education institutes require a cost-efficient comprehensive solution that offers all the advanced facilities and features in a single platform with a single point of contact for technical support. The connectivity through a fully networked campus with state-of-the-art IT infrastructure, computing & communication resources, offers students the facilities of e-mail, net surfing, up/down-loading of web-based applications, besides helping them in preparing projects & seminars.

Computing Facilities

Sr. No.

Particulars

Available

1

DESKTOP COMPUTERS

570

2

SERVERS

4

3

PRINTERS

22

4

CD WRITERS

0

5

ROUTER

10

6

FIREWALL

0

7

SWITCHES

42

NAAC

8

LAPTOPS

3

9

PROJECTORS

32

10

PROJECTOR ACCESSORIES

8

11

SCANNERS

2

12

CCTV CAMERA

144

NAAC

The Following table shows hardware as well as software facility provided by the institute

Hardware facility:-

Particulars

2017-18

2018-19

2019-20

2020-21

Computers

440

470

500

570

Wifi

Yes

Yes

Yes

Yes

Projector

13

20

28



40

Server

4

4

4

4

Printer

22

22

22

22

Scanner

2

2

2

2

Dot Matrix Printer

2

2

2

2

Switch

42



42

42

42

Bandwidth

100 Mbps

120 Mbps

150 Mbps

100 Mbps

Photocopier Machine

3

3

3

3

Attendance Machines

3

5

8

10

SmartBoard

2

2

2

2

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

4.3.2 - Number of Computers

570

File Description	Documents
Upload any additional information	View File
Student – computer ratio	View File

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

File Description	Documents
Upload any additional Information	No File Uploaded
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)

193.05

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 institute has a well-defined system of maintenance of its academic, physical, and support facilities like laboratory, library, sports, computers, classrooms, etc. In the annual budget, adequate provisions are made for the same. Institute keeps budget allocation every year for maintenance and upkeep of various facilities. As and when maintenance is required for the infrastructure and the facilities, the institute puts up these issues to the maintenance committee and the work is carried out accordingly. The maintenance committee is headed by The Principal and convened Administrative officer who interns monitor the work of the supervisor at the next level. The Maintenance supervisor and his team are involved in the maintenance of overall infrastructure facilities. This team looks after regular maintenance and repair of furniture, masonry, plaster, painting, plumbing, housekeeping, gardening, transport, RO plant, telecom, and IT services. The computers of the institute are protected from a power surge. The institute has also installed Solar Power System to support the Electrics power supply.

- Regular cleaning of classrooms, floors, laboratories, library, and restrooms is done by housekeeping staff.
- Adequate staff is employed to meticulously maintain the cleanliness of infrastructure to provide a congenial learning environment.
- Dust bins are placed in every classroom.
- The campus maintenance is monitored through surveillance Cameras The green cover of the campus is well maintained.
- The college has a good team of electricians & plumbers who maintain RO system, electrical and water facilities in the college and hostel.
- The college is power backup with the generator.

Maintenance of Laboratory equipment

- Preventive maintenance and breakdown maintenance procedures are followed for all laboratories. The laboratory/workshop equipment and machinery are maintained by well-trained technical staff. Periodical checkup equipment is carried out as per the laboratory schedule.
- The minor repair/service will be done by the technical staff with lab in-charges.
- The major service requests will be forwarded to the Principal through the Head of the department. The maintenance department, find suitable service personnel for rectification.

Annually stock verification of all laboratories and other facilities is carried out. The computer laboratories are supported with power backup system UPS.

- A bi-weekly status of hardware and software is maintained in the register.

Library maintenance

- The entry and exit register is maintained to ensure the effective utilization of the library.
- The requirement of the books is collected by a librarian from the department as per the demand from students and faculty.
- The books are cleaned at periodical intervals to avoid infections and dust.

Electrical maintenance

- The generator, lighting, electrical, air conditioners, solar panel, and RO system maintenance is carried out by in-house electricians.

Transport maintenance

- The college has a fleet of buses which is provided to students and staff. Buses are regularly cleaned.
- Vehicles are periodically greased for smooth running.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://piet.poornima.org/

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

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

3

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	www.piet.poornima.org
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

190

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

190

File Description	Documents
Any additional information	View File
Number of students benefitted 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

182

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

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

5.2.2.1 - Number of outgoing student progression to higher education

6

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

2

File Description	Documents
Upload supporting data for the same	View File
Any additional information	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.

3

File Description	Documents
e-copies of award letters and certificates	View File
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)

Our Institution creates a platform for active participation of students in various academic & administrative bodies including cultural activities. This empowers the students in gaining leadership qualities; understand rules, and academic regulations. The topper of outgoing students from each branch of engineering is awarded with gold medals and second topper is awarded with a silver medal. College has created a set of councils for benefit of students, with each council having a representative. The representative brings forward the views and suggestions of the entire class with respect to teaching, difficulties in subjects, framing of syllabus and other things related to the class. The composition of student members is of one topper, one average and one slow learner (the one who has more integrity with other students) of each section is nominated as class representative, for all the sections from I Year to Final Year. The Student Council helps students share ideas, interests, and concerns with faculties and administration. They often also help to raise funds for -wide activities, including social events, community projects, helping people in need and college reform. Various programs like paper presentations, workshops and seminars are organized by these bodies every year. The students from every year, are the part of IIC, PBIC, IQAC and Alumni Associations. 14 clubs are in working positions which are headed by students only.

File Description	Documents
Paste link for additional information	http://www.piet.poornima.org/student/club/club
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

27

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	View File

5.4 - Alumni Engagement

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

Poornima Institute Alumni Society has been established with the aim to bridge the gap between the Institution and the alumni. Its main function includes keeping complete track of alumni with their required details, informing them about the current changes and achievements of the Institution. Alumni association meetings take place yearly and future plans are discussed in the meetings. Along with the association meeting, annual alumni meet is also organized at the University level every year. Alumni contribution happens in various non-financial forms such as alumni interaction week, alumni challenge competition. We are Connected to more than 3000 alumni with regular interaction and support; these Alumni are also connected via LinkedIn, Facebook, Instagram, and WhatsApp. The Alumni Association is helping us to stay connected to those friends and to the vast

resources available here, from the faculty that taught and guided you to our libraries, seminars and symposia, websites, social media, and an extraordinary variety of "stay connected" programs designed with you in mind.

They are all designed to support you as you pursue your post-academic life and career. One of our goals is to preserve a mutually beneficial, enduring relationship among alumnus and with the Institute. As your representatives, we are constantly seeking meaningful ways to embrace your needs. We have conducted webinars through our star alumni in this pandemic also. The alumni who are far away also gave their valuable time and share their experience with our current students. Alumni visit the campus for the benefit of the juniors, namely for conducting viva, STP activity, conducting mock personal interviews, discuss business and entrepreneurship opportunities. During the interaction, alumni have highlighted the importance of current trends in the market and guided the students about career opportunities in different fields. They have also shared their personal experiences with students. Alumni visit campus at regular intervals to support the existing batch of students in planning and organizing events, extend support and guidance for the functioning of various students clubs. Alumni who are entrepreneurs have been providing inputs on how to start a new venture and turning them into job providers. This has resulted in two out of four students who have in progress of their revenue streams.

Some of the alumni are actively participating in social service combined with creative activities for rural area kids. These activities are quite motivational and create enthusiasm among children resulting in awareness related to the importance of education among poor children. All these activities are carried out during weekends. Whenever these alumni visit the campus they motivate students to follow their path for the betterment of society. Alumni extend their support for campus placements and training from time to time. Our alumni are active members of IQAC, IIC, and PIAS.

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

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

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Poornima Institute of Engineering and Technology (PIET), is established by Shanti Education Society in year 2007 with the objective to promote Technical Education with state of art infrastructure and strong academic philosophy. For achieving its vision, it has a robust governance process- consisting of the three arms of governance i.e. the Society, the Board and the Executive, aligned to the AICTE regulations as applicable from time to time. PIET has a Governance team in place to define the current structures as well as define the further excellence for the Institute keeping the macroeconomic, academic and social impacts of the education imparted. This ensures that the resources are utilized optimally. The system covers the learning community, industry, society, alumni, learners and the government.

Theme of the year:

1. Connecting New Pedagogical Approaches and Avenues in Teaching and Learning in view of COVID-19
2. Contribute for Whole-Student Development

The Mission of the institute proposes an Intellectually Challenging Environment with a commitment for empowering the students & faculty. The institute implements best practices to serve as a benchmark and enable the institute to evolve into an epitome of values and culture.

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

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

The institute believes in the practices of decentralization and participative management which promote its vision and mission. The decentralization reflects in various functional bodies like Management, Governing Council, IQAC Committee, Administration, student council and various committees like library committees, Purchase committee, grievances committee maintenance committee, women cell etc.

Decentralization and Participative Management

All the officers as shown in organogram along with Students, Parents, Alumni and Industry experts are actively involved in relevant planning and processes

Decentralization at Poornima Institute of Engineering and Technology is done at all departments like admission, academics, administration, finance, students activities, curriculum enrichment, sports etc. By introducing decentralization and participative management, PIET is committed to improve the policy implementation, procedures and functioning of the Institute. This rationalizes the actions & decisions amongst the faculty, staff, students and society.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Institutional Strategic Plan

The institute is dedicated to ideal of providing quality education to the rural backward area that can be compared with the quality of education given in urban sophisticated area. Institute has the perspective plan to achieve its vision:

- Efficient Teaching erudition procedure with Enrichment of ICT

based teaching-learning process

- Alumni Interaction and Outreach activities
- Obtaining grants for research projects from various Government funding agencies and patents and boosting Internal Revenue Generation
- Consistently Growth in Research and Development
- Consistently Internal Quality Assurance System
- Effective Leadership and Participative management
- Employees Advancement & Welfare
- Encouragement of Budding Entrepreneurs through PBIC
- Ensuring effective governance
- Escalating Quality Placements
- Institute - Industry Interaction
- Plan for augmentation in the building and academic infrastructure, and renovations to meet the growth requirements.
- Student's Overall Development through Participation
- Women/Student/Faculty Grievance
- Introducing new UG courses in Engineering area and Regional Language.
- Induction of more number of Ph.D. faculties.
- Establishment of centres of excellence in various technology domains with industry support such as IBM, Red hat.
- Enhancing employability skills of students through regular preparation sessions in collaboration with Industry through (i3day).
- Foreign student exchange through AISEC.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://www.piet.poornima.org/NAAC-AQAR/Criterion6/6.2/6.2.1/6.2.1_0001.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 Institute has a well-structured administrative set-up for smooth functioning so as to achieve short term and long term targets. Following are the Officers and Governing Bodies of the Institute:

Officers of the Institute: The Institute shall consist of the

following officers, namely (1) The Chairman; (2) Prncipal, (3) IQAC (3) The Registrar, (4) The Chief Finance and Accounts Officer, (5) The Proctor, (6) Head of departments (7) The Controller of Examinations, and (8) Such other persons like WEC chief women cell and chief warden.

Governing council of the Institute: The institution has a strong governing council made up of different luminaries from various walks of life that devices all policies and decisions related to both academic and administration. To ensure the efficiency and effectiveness of governing council, a number of academic and administrative bodies have been formed with duties and responsibilities. The governing council of the college meets once in a year, to discuss various issues and aspects contributing to the development of the college. During the meeting chalks out a roadmap in order to achieve the goals of the institution.

The functioning of all institutional bodies and administrative set-up is effective and efficient which is visible from successful implementation of policies, administrative setup, appointment and service rules, procedures, etc. as per details given below:

Appointment and Service Rules: The Institute has a recruitment policy to achieve the talent acquisition plans in line with the objectives of the organisation. PIET not only employs diversify of people like doctorates & post graduates but also helps them in achieving and exploiting their immense potential and grow remarkably creating a better world for them.

Service Rules: The Institute has well defined service rules for all faculty and staff. The service rule provides details about the job description, the code of conduct, leave rules, Ethics Policy, attendance and all other relevant details.

Promotion Policy: The Institute has a streamlined promotion policy both for teaching and non-teaching staff. All full-time or part-time faculty/staff receive annual appraisal based on the previous session performance. The appraisal form filled by the Faculty and Staff members is being scrutinized at various levels of reporting and reviewing officers. Analysis of each year performance appraisal is recorded in the HR department & submitted to IQAC for necessary action. Based on the appraisal outcomes, qualification and experience, the employees are promoted on recommendations of IQAC as per norms.

Grievance Handling Mechanism: The Grievance Handling Mechanism has

been structured around the ideology of providing a free and fair grievance handling mechanism and facilitating the resolution of any conflicts / hardship arising in the course of employment and education.

Various Bodies/ Committees are constituted for resolving the grievances/issues of employees and students in timely and transparent manner. The employees and students of PIET are welcomed to submit their appeal, grievances and suggestions (if any) to these bodies/ committees as listed below:

- Anti-Ragging Committee
- Women Cell & Anti Sexual Harassment Cell
- Minority Cell
- OBC Cell
- ST/SC Cell
- Proctorial Board
- IQAC
- Purchase Committee
- Audits
- Maintenance Committee

File Description	Documents
Paste link for additional information	http://www.piet.poornima.org/organogram
Link to Organogram of the Institution webpage	http://www.piet.poornima.org/organogram
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Any additional information	No File Uploaded
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

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

Poornima Institute of Engineering and Technology, takes various welfare measures for teaching and non-teaching staff for the motivation and growth of individuals. These are:

Statutory Welfare Measures:

- Employee's Provident Fund (EPF)
- Employees Group Insurance Scheme
- NPS

General Welfare Measures:

- Subsidized Accommodation for Faculty and Staff Members
- Policy for gift to Employee Getting Married
- Free Transport Facility by Faculty & Staff
- Travel grants for training and other purpose
- Uniform for faculty & staff
- Fee Concession for ward of staff
- Wellness Programs
- Festival Celebrations
- Courier service & Bank ATM
- Laundry facility at lower cost
- Medical facilities
- Close user group mobile plan
- Facilities near Campus: Bank, Shopping Centre

Professional Welfare Measures:

- Faculty and Staff appraisal Programs:
 - Performance Incentive Scheme for excellence in result
 - Technical Publication Incentive Scheme for research work & development
- Consultancy & Research Incentive Scheme of Poornima (CRISP)
- Promotional Scheme for Patents & Copyrights
- Scheme of Pursuing PhD for Professional Progression at Poornima
- Support for Participation in Conference/ Seminar/ Workshop/ Trainings/ Symposia etc.
- Sanctioning of Leaves as per Poornima Institute of Engineering and Technology Policy

Faculty is the life line of Poornima Institute of Engineering and Technology. The faculty at Poornima believes in GURU-SHISHYA heritage of Indian Tradition. This allows for a closer student-faculty relationship and contributes to the sense of community in campus. The faculties are periodically trained in house & out house so that they can meet not only curriculums requirements but also industry needs. For this purpose, Poornima Institute of Engineering and Technology, organizes various faculty development programs for the technical, managerial and behavioral uplifting from time-to-time. Every semester, an orientation program is organized to make the faculty aware of the Poornima Philosophy and Poornima guidelines for the teaching learning process and changes therein. It also includes training of use of ICT in teaching learning. Some of the notable supports provided for uplifting of faculty / staff members are:

- R&D Support
- Sponsorship & Up skilling
- QIP Support (for higher studies)
- Sabbatical Leave
- Travel Grant
- Membership support.

The Institute recently started talent enrichment training through the "Learning from Leaders Program" for faculty as well as students. Under this program, industry leaders are invited to take sessions/interactions with faculty and students on various real life aspects and share their experiences.

File Description	Documents
Paste link for additional information	http://www.piet.poornima.org/public/documents/employee_form/Employees%20Service%20Rules%20Book%20%202019%20-20-converted.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

44

File Description	Documents
Upload any additional information	View File
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

40

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	No File Uploaded
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

95

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

A good performance management system works towards the improvement of the overall organisational performance of teams and individuals for ensuring the achievements of the overall organisational mission and vision. An effective performance management system plays a crucial role in managing the organisation in an efficient manner. In line with this, the Institute is following the appraisal scheme

suggested by AICTE viz. Performance Based Appraisal System (PBAS). In this scheme, the performance s are classified into three categories

1. Teaching, Learning and Evaluation related activities
2. Co-Curricular, Extension and Professional Development related activities
3. Research Publications and Academic Contributions
4. Feedback from Students

These are called Annual Performance Measurement Matrix. At the end of each academic year, the data pertaining to the above categories are collected from each faculty member in the proforma suggested by AICTE. Based on the data collected, Annual Performance Measurement Matrix scores are calculated for each of the four categories. The Principal in consultation with senior Professors fix certain minimum Annual Performance Measurement Matrix score to be achieved by the faculty members in the four categories. These scores are used for the award of career advancements to faculty members and for promotion to next higher position. Further, at the end of each semester, feedback forms are issued to the students for each of the courses attended by them. The feedback forms in the form of questionnaire collect information about the teacher and different aspects pertaining to the teaching process. A team consisting of the Head of the Department and Senior Professor in the Department goes through the feedback forms collected from the students and suggest suitable measures to improve the teaching-learning process. The institute undertakes a wide range of activities besides academics, for which faculty members are assigned additional duties and responsibilities, which are mostly voluntary. The Institute accords appropriate weightage for these contributions in their overall assessment. The appraisal proforma filled by the Faculty Member is checked and verified by the Heads of the Departments, followed by the IQAC and the Director.

File Description	Documents
Paste link for additional information	http://www.piet.poornima.org/public/documents/employee_form/Employees%20Service%20Rules%20Book%20%202019%20-20-converted.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

6.4.1 Institution conducts internal and external financial audits regularly Response:

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

The mechanisms used to monitor effective and efficient use of financial resources are as below:

- Before the commencement of every financial year, principal submits a proposal on budget allocation, by considering the recommendations made by the heads of all the departments & committees to the management.
- College budget includes recurring expenses such as salary, electricity, internet charges, maintenance cost, stationery, other consumable charges etc., and non - recurring expenses like lab equipment purchases, furniture and other development expenses.
- The expenses will be monitored by the accounts department as per the budget allocated by the management.
- The depreciation costs of various things purchased in the preceding years are also worked out.

Process of the internal audit: All vouchers are audited by an internal financial committee on half yearly basis. The expenses incurred under different heads are thoroughly checked by verifying the quotations, purchase orders, bills and vouchers. If any discrepancy is found, the same is brought to the notice of the director/ principal. The same process is being followed for the every year.

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. The institution did not come across with any major audit objection during the preceding years. All these mechanisms exhibit the transparency being maintained in financial matters and adherence to financial discipline to avoid defalcation of funds or properties of the institution at all levels. The audited statement is duly signed by the authorities of the management and chartered accountant.

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

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

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

0

File Description	Documents
Annual statements of accounts	View File
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

Poornima Institute of Engineering and Technology is a self-financed institution where the funds are generated through the fees paid by the students. Deficit is managed by taking advance from the parent trust. Additional funding is obtained from efforts of faculty members through Research. These funds are utilized for the research and laboratory development as per the needs of the specific course and branch.

The institute has a well-defined mechanism to monitor effective and efficient utilization of available financial resources for the

academic and infrastructural development. It maintains & follows a well-planned process for the mobilization of funds and resource. The process comprises of various committees of the institute, its Department Heads and Accounts Office. The Institute has formulated and implemented some specific rules for the efficient use of fund and optimum resource utilization to meet the academic and non-academic requirements.

- Institute adheres to Utilization of budget approved for academic expenses and administrative expenses by management.
- All the major financial decisions are taken by the Director and Accounts Department with Management of College under the plans and policies which are rigorously formed and executed.
- Mobilization of Funds, the student Tuition fee is a major source of income for the institute.
- Accordingly, all the administrative and academic heads are requested to submit the details of the budget required for the subsequent financial year. Along with this all coordinators of different cells viz., R& D Cell, Exam Cell, T&P Cell, etc. are instructed to submit their budget to Account Office.
- Various government and non-government agencies sponsor events like seminars and workshops.
- Alumni contribute to the institute by raising funds to purchase items like water coolers, wall clocks, etc.
- Sponsorships are sought from individuals and corporate for the organization of cultural events and fests.
- Financial audit is conducted by chartered accountant every financial year to verify the compliance and utilization of the funds and budget.
- Research funds are obtained from agency like AICTE, TEQIIP augment research & academic infrasound in audits.

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

6.5 - Internal Quality Assurance System

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

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

Internal Quality Assurance Cell (IQAC)

PIET attempts to chisel out the total quality process through a persistent focus on imparting quality education, through its innovative, comprehensive and flexible education policy. Its Internal Quality Assurance Cell (IQAC) carries out activities that encompass all aspects of the Institute's functioning. The IQAC at PIET was constituted on 12th November, 2018. Since then, it has been performing the following tasks on a regular basis:

- Improvement in quality of teaching and research by regular inputs to all concerned based on feedback from students.
- Providing inputs for best practices in administration for efficient resource utilization and better services to students and staff.
- Providing inputs for Academic and Administrative Audit and analysis of results for improvement in areas found weak.

Students and staff give their feedback and suggestions on teaching and administrative performance through the Suggestion through email to the Coordinator, IQAC.

The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in overall performance of the Institutions. The IQAC will make a significant and meaningful contribution in the post-accreditation phase of the Institution. During the post- accreditation period, the IQAC will channelize all efforts and measures of the Institution towards promoting its academic excellence.

The IQAC has immensely contributed in the implementation of quality assurance strategies and processes at all levels. The Institute IQAC regularly meets every three months. The Institute IQAC prepares, evaluates and recommends the following for approval by the relevant Institute and Govt. statutory authorities:

- Annual Quality Assurance Report (AQAR)
- Performance Based Appraisal System
- Stakeholder's feedback
- PIET has started conducting online classes on MS Teams due to COVID-19 by which the students can improve their academics. Individual attention is paid to the students to clarify their doubts in difficult subjects. More emphasis is given to solve the numerical problems and experts are invited for further acquisition of knowledge.
- The institution implements the process of collaborative

learning to impart quality technical education to the students. It involves groups of students working together to solve a problem, completes a task, or creates a product. It is based on the idea that learning is a natural and social act in which the participants talk among themselves.

- Process Performance & Conformity
- Action Taken Reports
- New Programmes as per National Missions and Govt. Policies

Strategies of IQAC

1. Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks.
2. The relevance and quality of academic and research programmes.
3. Equitable access to and affordability of academic programmes for various sections of society.
4. Optimization and integration of modern methods of teaching and learning.
5. The credibility of evaluation procedures.
6. Ensuring the adequacy, maintenance and functioning of the support structure and services.
7. Research sharing and networking with other institutions in India and abroad.

File Description	Documents
Paste link for additional information	http://www.piet.poornima.org/public/naac/IQAC.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

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

Teaching- Learning reforms.

Implementation of teaching learning reforms by IQAC:-

Poornima Institute of Engineering and Technology has a well-designed

methodology to operate teaching- learning process and its IQAC continuously reviews the same.

At the time of starting of a session, the institut Academic calendar is prepared by IQAC taking reference to that of published by Rajasthan Technical University and circulated among all stakeholders. As per the assigned load to faculty members, they prepared blown-up mapped with Course Outcomes. IQAC reviews the periodical course coverage, extra remedial classes at weekend, use of ICT facility by faculty members, conduction of doubt clearing classes, students attendance in each class, discipline in class room, conduction of lab experiments beyond syllabus learning, faculty punctuality in class room, conduction of quiz tests, in time with strict invigilation, assessment & publication of results of all internal tests in time, maintenance of course file by each faculty members, old questions & answers discussion in class room, solving of problems in class room, etc.. and submit the consolidated report to IQAC.

In addition to class room teaching, focusing on innovative and student centric learning; regular peer teaching, experiential learning, guest lecture, brainstorming by students for the problem assigned by teacher, use of virtual labs, industrial lecture, seminars, workshops, study tour, industry visits, industrial projects, skill training, ICT learning are adopted , enrolment of students in NPTEL courses & other MOOCs , students are encouraged to refer e- journals and the same reviewed by IQAC through head of departments

On teaching learning process, regular feedback is collected from students and other stakeholders through online feedback system, meeting through class representatives, mentoring activity (each faculty is allotted with 15 students or less). The same feedbacks is analyzed and action is taken accordingly for achieving 100% student's satisfaction on teaching learning.

At the end of the semester examination, the result analysis is done department wise and the attainment of Course Outcome, Program Outcome & Program Specific Outcome is calculated and action taken on teaching- learning process to improve the attainment for next session.

Academic Calendar: Based on the RTU Academic Calendar the Institute schedules the academic calendar well in advance at the start of the every semester with ample time frame for not only the regular teaching-learning process but also to accommodate the various events

like seminar/ guest lecture/ workshops/ FDP's/ Hands-on-series and many more.

Preparation of Blown-up and deployment for each Semester: The Blown-up and deployment are prepared by the faculty members for all the subjects they teach in that particular semester. Enriching the curriculum with guest lectures, industrial visits, and Internships

Daily lecture Record: Everyday faculty prepare and submit details of the lecture along with the topic covered on subject deployment file.

Evaluation of teachers by students: The institution has a feedback system to evaluate the teachers by students. The regular evaluation of the teachers by the students, feedback on teaching methodologies, course delivery, attitude, strengths and weaknesses, difficulties faced in the subject give a clear idea about the problems faced by the students. Director and HoDs also monitor the feedback system and takes appropriate corrective actions.

Student learning outcomes: The institute monitors the performance of the students regularly. It has specified procedure to collect and analyse data on student learning outcomes; the following points are adopted by the institute in this context:

- Regular class tests and interactions
- Midterm and continuous evaluation comprising of internal tests, assignments, group discussions, and seminar presentations.
- Semester system of examination for all courses.
- Providing Question bank of various subjects to the students.
- Subject teacher providing Lecture notes to students
- Timely Redressal of students' grievances.
- At least 75% Attendance is compulsory in each semester.
- Extra classes for weak students to solve their problems.
- Organized Conferences, Seminars, Webinars, Online quizzes For fast.
- Organized industry interaction with experts.

Effective internal examination and evaluation systems: Institute maintains an effective internal examination and evaluation system.

Students' result analysis: Institute has the provision of analysis of students' performance after the announcement of their semester results. If the result of the students, in a subject, is not found up to the mark, necessary steps are taken to find out the reasons and the concerned faculty members are counselled and motivated to

work towards improvement.

Faculty empowerment

Faculty members are encouraged to enroll NPTEL courses, refer e-journals, virtual labs, publications & other MOOCs. All faculty members are empowered through faculty training, counselling, internship at industry, providing research grants, faculty development programs organized at own college and also at other colleges, becoming members of different society, assistance towards publications & attending conferences, to undergo PhD, etc..

2. Annual Academic Audit.

As per the mission statement of our IQAC to ensure Quality Culture aimed at all round excellence in technical education; to enhance, update and for continuous improvement of the academics, every year IQAC conducts academic audit from external experts and internally too.

In our internal academic audit, main emphasis is given on preparation of Lesson plan (Blown-up) at beginning of semester , Maintain Faculty diary and tracking of syllabus coverage for both theory & Practical, adherence to academic calendar , regular monitoring of students attendance & action taken for short attendance, departmental meetings with tutors, R&D activity, development of quality culture among faculty members & learning of new things in their area from best resources, status of reverse engineering study in core branches, implementation of value added courses, skill training to students, department library, students result analysis report, course file of faculty members, use of ICT facility by faculty members, lab experiments conducted beyond syllabus, availability of lab manual, quiz-surprise-assignment tests & its assessment results , extra classes for weak students, expert lectures by visiting faculty, lectures by industry experts, continuous evaluation of student projects & seminars, external expert involvement for examination, co-curricular activities as industrial visits-tech fest-etc, performance in GATE examination, students feedback on teaching - learning process, publications, faculty involvement in FDP and review of attainment of CO- PO- PSO.

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

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

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	http://www.piet.poornima.org/annual-report
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

PIET seeks to guide action on embedding gender equality into organizational. The institution promotes gender sensitization through co-curricular workshops, seminars, guest lectures, street plays, poster exhibitions, counselling etc.

The institution constituted the following committees Anti-Ragging, Sexual harassment prevention cell, Students' Disciplinary Committee, Women Welfare & SC /ST Students Welfare Committee, Safety & Disaster Management Committee and Mentoring Programme cares for the well-being of students and staff in the institution. The functions of these committees are displayed on the website of the institution and

information is being disseminated to the students through orientation and induction programs.

The institution provides safety and security facilities for the staffs and students such as CCTV Surveillance throughout the campus and security arrangement. The institution has a dedicated Counselling Centre and good mentoring system for the students to take care of their academic, emotional, social and cognitive development. Personal Counselling is provided to the students at different levels. There are separate washroom facilities for girls and boys.

(a) Safety and Security

- Security checkpoints at all campus entries and exits.
- Extensive surveillance network with 144 CCTV cameras and 24x7 monitored control rooms.
- Rotational duty by all faculty members for discipline and security.
- The Proctorial Committee includes male and female proctors at institute as well as faculty level.
- Strict implementation of Anti-Ragging, Anti-Smoking Campus.
- Awareness campaigns on women safety and gender sensitivity through street plays (Nukkad Natak).
- Girl's hostel has female wardens who resides inside the hostel & security guards are deputed outside the hostels.
- Clinic available in campus.
- For any emergency, the helpline numbers are displayed throughout the campus

(b) Counseling

- Counseling male and female students for academic and other issues/problems by male and female faculties.
- Grievance Redressal Committees for staff and students.

(c) Common Rooms:

- Women grievance redressal Cell has been allocated in campus.

(d) Other Measures

Other measures of Gender Sensitization include -

- Women day celebration, teej celebration.
- Interaction between all department female staff and female

student

- Co-curricular activities.

File Description	Documents
Annual gender sensitization action plan	http://www.piet.poornima.org/NAAC-AQAR/Criterion7/7.1/7.1.1/7.1.1-A.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://www.piet.poornima.org/NAAC-AQAR/Criterion7/7.1/7.1.1/Geo-Tag%20Photos%207.1.1%20updated%20on%2022.1.22.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

B. Any 3 of the above

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

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

PIET Institute facilitates several techniques for the management of degradable and non-degradable waste.

Institute organized workshops, Training programme and celebrate environment day for implement effectively. It was stressed that we should avoid plastic items to the best possible capacity.

For solid waste management different bins have been placed in campus. This ensures that solid waste segregated at the source.

For biomedical waste there is a classification of the waste in different bins. Since, PIET institute has a primary clinic

therefore, the waste like plastic disposables, liquid waste and other things are again segregated then collected and kept in a storage then transported and finally sent for the treatment of the disposal.

PIE has organized Swach Bharat Mission. Under this banner the utility of recycling the solid and biomedical waste has been elaborated

There are different types of wastes disposed in the college for which there is a proper system functioning. The following wastes are being disposed by the college:

Solid Waste Management-

- PIET Institute has a place on its campus where the solid wastes materials are collect. Waste like plastic, metals, glass, cardboard, newspaper and stationery are systematically collected. It is to be noticed that there is Swach Bharat program of the Indian government that comprises of the concept of solid waste management. Keeping this in view, the college also manages its solid waste management system.
- Students are encouraged to use waste paper and newspaper in creative practices during various extracurricular activities.
- Waste food and leftover of mess and cafeteria is taken away by staff for hog feeding.

Liquid Waste Management- The waste water is carried out through pipeline Liquid waste released from hostel, mess and cafeteria reaches to Sewage Treatment Plant through drainage by pumps. For garbage collection, PIET has an MOU with a vendor to collect all non disposed waste from the campus.

Biomedical waste management: - No untreated biomedical waste is stored for more than 48 hours. Not mixed with biomedical waste with other waste. The waste is collected in the trash bin or sharps bin. Plastic bags are collected, labeled and properly tied in a manner. which does not allow any leakage or spillage.

E-waste Management- E- Waste generated from various departments of the campus is collected at one place and it is transferred to the designated vendors whenever required.

Hazardous chemicals and radioactive waste management-As of now PIET does not have any source of generation of hazardous chemicals and radioactive waste in the campus.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	http://www.piet.poornima.org/NAAC-AQAR/Criterion7/7.1/7.1.3/2.%20SWM.pdf
Any other relevant information	View File

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

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

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the **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	No File Uploaded
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

A. Any 4 or all 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	No File Uploaded

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).

PIET believes in unity in diversity that's why all the faculties and

students respect the different religion, language and culture. PIET is second home for all faculty member & Students. They greet and wish each other at different festivals and invite them to have a feast to get introduced with ones culture to have amicable relations and to maintain the religious, social and communal harmony. Similarly students also celebrate the different festivals with joy and enthusiasm which help them to implant the social and religious harmony.

The diversity in India is unique. Being a large country with large population. India presents endless varieties of physical features and cultural patterns. To represent our Indian culture, PIET organize a traditional dress competition and fashion show. In this competition students wore the different attire representing the different states, religions and cultures. Through this activity students get acquainted with the different culture of our nation and help to develop the tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. This also creates the inclusive environment in the college and society.

- PIET organize orientation programme to provide the new students with concise and accurate information and to promote communication between students and teachers.
- PIET celebrate various cultural programmes and bring the students to closer to each other's in a friendly atmosphere and to encourage their creative impulses to boost their confidence.
- The PIET organize workshops and Social awareness programme and celebrate the important days, science day, world environment day, Constitution day, women's day, National Girl Day, yoga day etc.
- PIET organize Motivational lectures by experienced faculties of the field are arranged for all-round development of the students for their personality development and to make them responsible citizens following the national values of social and communal harmony and national integration.
- The PIET has their own well organized Student council which consists of 12 clubs. The main motive of the student council is to promote the student welfare activities which enhance their overall personality.
- Each and every year we were celebrating the big events like annual function "Aarohan" and "Fresher party" of college in an enthusiastic way, but since 2020 we weren't able to celebrate these events.

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

PIET institution sensitizes the students and the employees to the constitutional obligations about values, rights, duties and responsibilities and constantly works upon to nurture them as better citizens of the country through various curricular and extra-curricular activities.

The institution takes many initiatives like conducting awareness campaigns, organizing orientation programmes, training programmes, seminars and workshops to sensitize the future leaders to inherit human values coping with the constitutional obligations. Ethical Values, rights, duties and responsibilities of citizens are some of the topics that are enlisted in Elocution/ Debates activities. The institution has strived forward with great effort to increase the level of awareness and appropriate practices amongst the students in the following areas: Fundamental Duties and Rights of Indian Citizens: The Faculty of Geography and History has organized various academic and co-curricular activities for the propagation of the fundamental duties and rights of the Indian citizens.

Celebration of National Days: Every year Institute celebrates Republic Day, and Independence day on January 26, August 15 respectively. The celebration is attended by Students, Teaching and Non-teaching Staff, Invitees, guests and any attendees. Flag hosting with National anthem and oath of national integrity followed by distribution of sweets is the regular decorum of the programme.

Importance of Universal Human Values: It is necessary to have basic values and philosophies in place that will make our Student responsible citizens in the future. PIET understand the importance of teaching beyond the syllabus. Keeping these points in regular working, our institute conducted many activities and lectures on Human Values and Ethics.

Constitution day: Constitution Day is celebrated on 26th November every year. The programme initiates with Preamble reading of the constitution followed by lectures on the sensitization of students on responsibility towards the constitutional values, rights, duties and responsibilities of citizens.

Gandhi Jayanti: This day is celebrated every year on 2nd October to understand the ideology of our great leader Mahatma Gandhi in which pledges is taken by the students and staff. In today's time we inspire the students of our institution to follow Gandhian ideologies of truth and non-violence and motivate them to contribute to the peace and prosperity of the nation.

PIET has conducted many activities and lectures on Human Values & Ethics to sensitize the students, faculty members and staff members for the constitution obligations.

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

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

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

PIET celebrates national and international days and occasions. National and international functions play an important role in sowing the seeds of nationalism and patriotism among the individuals of India. PIET appreciates these opportunities with extraordinary enthusiasm to remember the philosophies of patriotism and honour our incredible national leaders. The faculty, staff and students of the PIET institute all come together under one umbrella to celebrate these occasions and spread the message of unity, peace, love and happiness

1. Republic day- PIET celebrates Republic Day every year on 26 January, to commemorate the adoption of the Indian Constitution and spread the message that India is the largest democratic country in the world. It is a day to remind the students about the Constitution of the country and the need to follow it at all times.
2. Independence Day is celebrated every year on 15th August, parades and flag hoisting are organized and celebrated to mark India's independence from British rule. The institution encourages students to remember our national leaders and their sacrifices.
3. Gandhi Jayanti is celebrated every year on 2nd October to understand the ideology of our great leader Mahatma Gandhi in which pledges are taken by the students and staff. In today's time we inspire the students of our institution to follow Gandhian ideologies of truth and non-violence and motivate them to contribute to the peace and prosperity of the nation.
4. International Yoga Day PIET organized yoga camp in campus to make everyone aware that how yoga symbolizes the unity of mind and body, thought and action and fulfilment.
5. National Science day PIET celebrate National Science Day to spread a message about the importance of science used in the daily life of the Students.
6. World Environment day PIET has organized a one day workshop to celebrate World Environment Day
7. Vishwakarma Jayanti also known as Vishwakarma Puja all PIET faculty members and students celebrate

this day and pray for a better future. 8. Women's Day The purpose of the program is to express great gratitude to womanhood and to inspire & motivate them to work for the betterment of their own life. 9. National Girl Day National Girl Child Day is commemorated in India on January 24 every year, with the aim to promote girls' empowerment and fulfillment of their rights. 10. National Youth Day PIET celebrates this auspicious day, In the Memories of Swami Vivekananda

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 Case 1

1. Title of the Practice:

Faculty, staff & Student Reward & Motivation Scheme

2.Objectives of the practice:

This scheme was launched for smooth running of the college functioning and to improve the academic performance standard of the institute. The scheme encourages faculty and students to contribute in a positive and competitive environment for the betterment of academic and non-academic activities

3.The context:

While preparing for a global career, students should strive to acquire global competencies and innovative skills in their undergraduate studies with the best academic results. PIET has always been known to maintain its quality in academics and has always provided a platform to all the faculty members, staff and students by which they can enhance their skills in multiple directions.

1. The Practice: In Indian higher education system, the teaching faculty members serve as an asset to the institute and their role makes it possible for the organisation to lead towards the growth and development. It applies to both the faculty members and students so that they may work hard for the achievement of desired goals.
 - Transmission and Protective Measures under Pandemic of Covid-19: Preparing for a global career, students should strive to acquire global competencies and innovative skills in their undergraduate studies with the best academic results during pandemic of Covid-19. Institute have increased the number of buses to maintain the social distancing and distributed the safety accessories like masks, sanitizers etc. Institute organized awareness session for protection of Covid-19. Institute provided internet allowance for smooth running of regular theory classes and practical classes during online mode of academics. The institute also provided various facilities regarding online study platform (Zoom, MS-teams, Meet etc.) to the faculty members and other staff members. Management also provided Glass board system for taking virtual classes for better academic understanding.

Technical Publication Incentive Scheme: The Management of Poornima provides "Technical Publications Incentive Scheme" for faculty members. Under this scheme the publications must be related to broad academic disciplines relevant to subjects being taught by the faculty member or other area relevant areas. All papers are published renowned journals of Scopus Indexed, Springer, UGC care journals etc.

Participation in Conference/Seminar/Workshop/Training/Symposia: Management of Poornima is pleased to allow faculty members for participation in conference/ seminar/ workshop/ trainings/ symposia etc. The guidelines are aimed to provide opportunity to all Faculty & Staff members to interact at international and national level for the overall growth of individual and of Institute.

Welfare Schemes: In spite of all such facilities, we also provide welfare schemes like Transportation, Dress Code, Subsidized Accommodation, Group Insurance Scheme, Travel Grant etc.

5.Evidences of success:

After launching the incentive scheme for awarding students and faculty members, results are witnessed as 5-6% improvement as

compared to previous results and university result. This leads further to retain the faculty members and balance the quality ratio. By such motivational schemes, our students always prove their excellence in academics, sports and technical events at national and international platform.

6.Problems Encountered and Resources Required:

Participation of individual faculty and students would strengthen the interaction with wide spectrum of industries and academics in a prearranged manner. For implementing this practice, Institute provided funding, travelling allowances etc. to be in association with the industries. Each and every year we were trying to do many practices in college in an enthusiastic way, but since 2020 we weren't able to do some practices in offline mode due to Pandemic situation as Covid changed the way of normal life of functioning.

Best Practice Case-2

1. Title of the practice

Project Oriented Labs & Non syllabus Projects

2.Objectives of the practice

To Gain hands on practice: With the advent of informational society, the integration of technology and practical knowledge in education has aroused the dire need to promote it among the engineering students. The overall objective of engineering can be explored with practical experiences or hands on practice of real world and its issues related to what they create.

To Focus on Problem Solving at Society level: This is absolutely necessary as engineering is all about creating something, which has societal benefits. Unless you know the society and its challenges, how anyone can you produce something that's required?

To spotlight on Real World problem: To prepare the students to solve/work on the real world/practical/theoretical problems involving concept of science and engineering. The overall objective of engineering can be possible if engineering students are not taught practical experiences of real world and its issues related to what they create.

1. The Context- Developing and maintaining undergraduate research programs benefits students, faculty mentors, and the

institute. Incorporating a research component along with projects enables students to develop independent critical thinking skills along with oral and written communication skills. The research process impacts valuable learning objectives that have lasting influence as undergraduates prepare for professional service. Every student in turn of this NSP program benefits from presentations and publications that serve to increase visibility in the scientific community. Whether projects are derived through student-generated or mentor-generated means, students benefit from completion of exposure to the hypothesis-driven scientific method.

1. The Practice

Project Oriented Lab (R & D lab): We have one Non Syllabus Project lab session in every semester which is 100% project oriented lab. In this lab, credit is given to the student only when he or she is able to convert his idea into a workable project. It is the responsibility of the concerned Faculty/Course Coordinator to monitor the performance of the students in that laboratory on a weekly basis and provide regular feedback for the same

- Hackathon: Poornima Hackathon 2021 was organized by PIET which was sponsored by Rajasthan Technical University under the scheme of TEQIP III. The theme of Poornima Hackathon 2021 was "Role of Engineers in Innovation and Technological Advancement for village upliftment". The event played a vital role in harnessing creativity, fuelling imagination and funneling for self-reliant India, improving governance and empowering citizens. A Hackathon at Poornima provides an opportunity to create functioning the software or hardware by the end of the event. Poornima Hackathon was continued from several hours to three days giving the participants a chance to interact, to learn and to recreate among the intellectuals. Some of the benefits of Poornima Hackathon were observed as follows:
 - Provides exposure to real world challenges and opportunities to work on them
 - Experience of Industrial mentorship
 - An Opportunity to interact and learn
 - Opportunity to implement the projects for the sake of launching in market scenario
 - Facilitates the benchmarking in execution and planning within team members.
- Startup Cell (Institute Innovation Council): PIET has

established a startup cell with the name as Institute Innovation Council. The Institute Innovation council is registered with the Ministry of Education's Innovation Cell approved by AICTE and MHRD. Startup Cell's major role is to engage large number of faculty, students and staff in various innovation and entrepreneurship related activities such as ideation, Problem solving, Proof of Concept development, Design Thinking, IPR, project handling and management at Pre-incubation/Incubation stage, etc., so that innovation and entrepreneurship ecosystem gets established and stabilized in HEIs. The Startup Cell model is designed to address the existing challenges/issues in HEIs such as less numbers, occasional and unplanned Innovation & Entrepreneurship (I&E) activities organized in HEIs with low involvement of top leadership, lack of coherence and absence of synergy in resource mobilization, deployment and underutilization of creative potential of youths as major barrier for vibrant I&E ecosystem to emerge from HEIs.

Major Focus of Startup Cell

- To create a vibrant local innovation ecosystem.
- Start-up/ entrepreneurship supporting Mechanism in HEIs.
- Prepare institute for Atal Ranking of Institutions on Innovation Achievements Framewor (ARIIA).
- Establish a Function Ecosystem for Scouting Ideas and Pre-incubation of Ideas.
- Develop better Cognitive Ability amongst Technology Students.

Functions of Startup Cell

- To conduct various innovation and entrepreneurship-related activities prescribed by Central MIC in time bounded fashion.
- Identify and reward innovations and share success stories.
- Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.
- Network with peers and national entrepreneurship development organizations.
- Create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and students.
- Organize Hackathons, idea competition, mini-challenges etc with the involvement of industries.

Toycathon: Poornima Toycathon 2020-21 aimed a unique opportunity for Students, Teachers, Start-ups and Toy experts/professionals in India to submit their innovative toys/games concepts and win a large number of prizes worth Rs. 50 lakhs. It was to bring together all the junior level, senior level and start up professional level. Toycathon is being organized to develop India as the global toy manufacturing hub. The launch of Toycathon today is an endeavour by the government to create an ecosystem for the domestic toy industry and the local manufacturers, tapping the untapped resources and utilizing their potential. Approx. 30 Registrations are allotted to our Centre from which 12 are digital and rest of them are physical. Registrations were received from cities like Rajasthan, Madhya Pradesh, Telangana etc. out of which 50% registrations were from out of Rajasthan, 30% registrations were from out of Rajasthan. PIET glad to inform that 12 digital teams are reported for this event. The Event was organized on Microsoft team Platform. On 22 June, 2021 the inauguration ceremony took place in which Mr. Kunj Tiwari was the Chief Guest and Mr. Lokesh Sharma was the guest of honour. They all had motivated all participants with their words. For Evaluations, PIET has conducted four rounds; every round has mentoring and elimination rounds. Total 12 teams were evaluated in four rounds. some important point of Toycathon:

- Toy/Games concepts based on Indian civilization, heritage, culture, mythology, history, Ethos, technology, ethnicity, national heroes and important events,
- Inculcate positive behaviour and good values ('Sanskaar')
- Toys for specially-abled/ Divyanga children
- Boosting physical and mental fitness, Using eco-friendly, and recycled material
- Focus on promoting Vedic Mathematics
- Encouraging national unity and respecting the cultural diversity.
- Supporting missions like Swatch Bharat, Beti Bachao Beti Padhao, Environment Conservation, Climate Change, Digital India, Skill India, Ek Bharat Shrestha Bharat.
- Rediscovering/redesigning traditional Indian toys
- Toys for pedagogy (for teaching students 'difficult concepts in Math, Science, Languages, Social Sciences, etc.)
- Design should confine to basic toy guidelines issued by Govt. of India.
- Project Exhibition: It is an important event of PIET to create awareness about the contemporary technological landscape. Online Project display was organized at PIET in which students presented their technical projects and models to know about their application.

5.Evidences of success:

- Quality publication in Scopus Journal, Springer, UGC care journals etc.
- Even few IPR have been registered and every year 5-6 Entrepreneurs are also being evolved.

6.Problems encountered and resources required:

Developing projects enhance the skills of our students, but the need for innovative project on the latest technologies and industry support to provide key issues needs to be addressed. The innovation of the students has earned the institute many IPRs, but the gap is huge. Developing projects enhance the skills of our students, but the need for innovative project on the latest technologies and industry support to provide key issues needs to be addressed. Infrastructure scaling is also a major factor with the latest developing technologies. The process of setting both short term and long term goals for a project needs to be efficient and well thought out. New technology will often need to be employed to maintain the unique nature of projects.

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

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

INDUSTRY ACADEMIA INTERFACE FOR SKILL DEVELOPMENT OF FACULTY & STUDENTS

Poornima Institute of Engineering & Technology with dedication, devotion and perseverance has set the benchmark and scaled new heights of education. Our quality education initiatives and student-centric approaches have been recognized and recognized by various government bodies. We have gained appreciation in terms of outcome-based learning, research work, teaching-learning process, teacher competence and placement efforts. PIET takes forward its extraordinary journey with the motto that success is not a destination, it is a journey. It was not that easy to achieve as it

required many humble continuous efforts by the teachers and students of Poornima family. PIET has ensured to provide quality education in both IT and basic sectors. PIET believes that better connectivity between technical institutions and industry is the need of the hour. This will greatly affect the engineering curriculum, exposure of engineering students to the industrial environment and subsequent placement of young graduate engineers in industries across the country. With the advent of globalization in the outside world, the competition among industries has become tough. Similarly, there is a need to prepare the engineering students for jobs in multinational companies, make them aware of new engineering techniques and methodologies as well as foster and nurture the entrepreneurial spirit of the students so that they become job seekers rather than job seekers. Become a job creator. These goals can be achieved only by bridging the gap between industry and academia. Linking up with industry academia is an innovative solution to bridge the gap between job requirements and the training provided in educational institutions. It has short term and long term benefits. Keeping this in mind, PIET has established collaborations with various industries. This collaboration promises to not only dramatically improve student employability, but also pave the way for fostering "innovative" learning like never before. Building on its exemplary history of helping students meet the challenges of the future, PIET has partnered with these companies to take industry-ready human resources to the next level. Practice Measures in 2020-21: ·Platinum Rating From CII, Rajasthan Chapter ·Periodical Faculty Development Program in collaboration with Industry partners ·Circulation of ICTACT Journals - an International publication at FREE of cost ·Complementary copies of ICT Connect Magazine ·Preparing and updating Industdfrry relevant content ·Access to ICT Academy Online learning portal ·Provision of platform at National level for Industry-Institute interactions ·ICT Academy has provided online platform for faculty members and students to attend various Conferences & Conclave on latest issues. ·13 Skill edge Technical Courses completed by 140 students in 5 industry partners ·Three Faculty Members Have Attended Degree Level Executive Programmes By Industries ·Like Silver Touch Technologies Ltd, Hiresun Energy Private Limited, And For S K Technologies Etc. ·Almost 40 Faculty Members Are Linked to Industry at Various Discipline of Degree Level. ·Five Faculty Patents leading to Industry Products in Computer & IT Engineering along with Allied and Electrical Engineering with Allied Discipline of Degree Level. ·Almost 48 companies have visited our campus for campus recruitment in 2020-21 even after the drastic circumstances of pandemic of Covid-19 ·181 students have been placed in different renowned companies with average package of 3.7 lac per annum. 15 students have selected

higher studies for MBA and other higher studies of Master's program.
Practice Measures in 2019-20:

- Gold rating from CII, Rajasthan Chapter
- Three faculty members have attended degree level Executive Programmes by industries like SILVER TOUCH TECHNOLOGIES LTD, HIRESUN ENERGY PRIVATE LIMITED, FORSK TECHNOLOGIES etc.
- Faculty member authored to Industry like SILICON INDIA in Computer & IT Engineering and Allied at degree level.
- Almost 40 faculty members are linked to Industry at various discipline of Degree level.
- Five Faculty Patents leading to industry products in Computer & IT Engineering and Allied and Electrical Engineering and Allied discipline of degree level.
- Faculty members are also associated to provide Training to Industry persons.
- 25 Faculty members have been trained by industry like DVS WEB INFOTECH PVT LTD, CELEBAL INDIA SOLUTIONS PRIVATE LIMITED, RED HAT ACADEMY, B L KASHYAP & SONS LIMITED, WONDER CEMENT LIMITED (RAJASTHAN)
- Around 40 Guest Lectures have been conducted by renowned experts from various industries on technical topics.
- Our infrastructure is shared with different industries with the objective of knowledge exchange programme e.g. IBM, RED HAT Academy, Oracle, FACE Academy etc.
- 128 renowned companies have visited our campus for placement and offered a package of 1.2 lac to 12 lac per annum.
- Faculty members provided Consultancy & Advisory Service (Research & Consultation Project) to companies on various current issues of environment, corrosion, soil analysis, multi storey building, assignment portals etc.
- Our students visited 18 industries of private and government sector to update themselves with the current technical advancement of industry as per the need of society.
- Our students got opportunity from 280 companies for summer internship from private and government sectors.
- PIET also got opportunity to have 20 Visiting Faculty from various Industries for sharing knowledge about current technological encroachment.

Practice Measures/Collaborations in 2018-19:

- Regular Industrial Visit
- Expert Lecture from Industry
- Poornima Business Incubation Centre

- To arrange Workshop/Seminars in collaboration with Industry
- Professional development classes by FACE/CRT
- Collaboration with Red Hat, IBM etc
- Industry oriented technical training

Our Industry partners are

Arkle Consultancy Pvt. LTD.

Consultancy Projects

IBM INDIA PVT LTD

IBM Application development and deployment using

Blue mix Blue MIX

IBM INDIA PVT LTD

IBM COGNOS BI,

Focus Academy for career

Enhancement

CRT programme

Bennett University, Greater Noida, UP

faculty training on Deep Learning, Machine Learning

and Artificial intelligence

MHRD

Institution Innovation Cell

IBM INDIA PVT LTD

IOT application and deployment using Blue mix

RAD HAT Academy

RAT HAT Academy Program

Oracle Academy

Software Update License & Support

RAPID OPS SOLUTIONS PVT.

LTD'

Industry Academia bridging Activities

YOUNIFY APPLICATIONS

PRIVATE LIMITED

Radio service in Campus

Coding Ninjas

Industry Academia bridging Activities

- Regular Industrial Visit of students as well as faculty members.
- Expert Lecture from Industry
- Poornima Business Incubation Centre
- To arrange Workshop/Seminars in collaboration with Industry
- Professional development classes by FACE/CRT
- Participation of experts from industry in curriculum development. (Governing Council
- Professional consultancy by the faculty to industries.
- Joint research programmes and field studies by faculty and people from industries.
- Memoranda of Understanding between the Institute and industries to bring the two sides emotionally and strategically closer.
- R&D Laboratories technically sponsored by industries at the Institute.
- Practical training of students in industries.

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 Institute follows curriculum approved by affiliating University Rajasthan Technical University(RTU). Academic calendar is prepared at start, then Load is allocated and every teacher prepares a course file. Course outcomes and mapping with Program outcome is done. standard procedure is followed for lecture delivery. ICT tools are used in smart classes. evaluation is done through two midterm examinations, assignments, quizzes, and projects. CO-PO attainment is calculated after course completion. Measures have been taken in pandemic of Covid 19 for effective delivery of curriculum in online mode. We have used ICT tools MS Team, Google classroom. Following Documents is prepared by each faculty

1.

Syllabus

2.

Scheme - RTU

3.

ABC Analysis of Students

4.

ABC Analysis of Subject

5.

Subject Approach Paper

6.

RTU Question Papers

7.

RTU Question Paper Analysis

8.

Important Question Bank

9.

Open Book Test Question Papers

10.

Blown Up

11.

Deployment

12.

Zero Lecture

13.

NBA Course Diary

14.

Home Assignments(Regular, Google Classroom, Quiz, Class test or any other)

15.

Identification of Gap & Planned Activities-

For example-

1.Enrollment of students in NPTEL or other online tutorials.

2.Industry Visit or Expert Lecture

3.Technical workshop

16.

Detailed Lecture Notes With Front Page

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

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

The institute is affiliated with Rajasthan technical university (RTU), Kota and institute follow all the academic activities including conduct of Continuous Internal Evaluation (CIE) according RTU calendar. The Institute prepares academic and activity calendar in line with RTU calendar to conduct all academic and Non-academic activities. The examination scheme defined by the RTU is followed. As per academic calendar the institute conducts two mid-term exams for theory and practical and at least five assignments for each subject. During the pandemic situation the mid-term exams and assignments are conducted using Googleclassroom.

The institute maintains the standard of question paper as per CO's, at least four question papers are taken from the different faculties to increase confidentiality of the question paper. After conducting exam, the question paper is solved in the class room and evaluated answer sheets are shown to the students

To increase transparency and robustness in internal assessment, the institute shares all the relevant information to the students on www.cspiet.poornima.org. student progress report is also sent through post to parents. During pandemic of Covid 19 also all internal evaluations were done properly online. Practical examinations were conducted online through online tools.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	www.cspiet.poornima.org

<p>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. 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</p>	<p>B. Any 3 of the above</p>								
<table border="1"> <thead> <tr> <th data-bbox="102 651 537 714">File Description</th> <th data-bbox="547 651 1436 714">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="102 714 537 898">Details of participation of teachers in various bodies/activities provided as a response to the metric</td> <td data-bbox="547 714 1436 898" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="102 898 537 960">Any additional information</td> <td data-bbox="547 898 1436 960" style="text-align: center;">View File</td> </tr> </tbody> </table>	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			
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Any additional information	View File								
<p>1.2 - Academic Flexibility</p>									
<p>1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented</p>									
<p>1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented</p>									
<p>5</p>									
<table border="1"> <thead> <tr> <th data-bbox="102 1303 537 1366">File Description</th> <th data-bbox="547 1303 1436 1366">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="102 1366 537 1433">Any additional information</td> <td data-bbox="547 1366 1436 1433" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="102 1433 537 1536">Minutes of relevant Academic Council/ BOS meetings</td> <td data-bbox="547 1433 1436 1536" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="102 1536 537 1628">Institutional data in prescribed format (Data Template)</td> <td data-bbox="547 1536 1436 1628" style="text-align: center;">View File</td> </tr> </tbody> </table>	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	
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Any additional information	View File								
Minutes of relevant Academic Council/ BOS meetings	View File								
Institutional data in prescribed format (Data Template)	View File								
<p>1.2.2 - Number of Add on /Certificate programs offered during the year</p>									
<p>1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)</p>									
<p>9</p>									

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

2081

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

267

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

Poornima Institute of Engineering and Technology integrates issues relevant to Professional Ethics or Gender or Human values or Environment and Sustainability in its curriculum .

Apart from regular subjects based on Choice Based Credit System institute has WISE Club , PBIC Cell, Anti Ragging Cell, Council Cell, Helping Hands Club to plan and execute programmes on regular basis that are based on these issues.

The activities related to gender issues aimed at promoting gender equality and focus on women empowerment conducted by WISE Club.

The courses related to environment covers topic like Global Warming, Environmental Policy, Environmental Protection, Disaster Management, Solid Waste Management and So on.

Institute has subjects that integrates teaching human values in its curricular apart from this separate events, seminars, workshops, lectures are organised on regular basis. Institute has specially designed human values lab for the execution of events and classes. Almost all programmes integrates and teaches professional ethics in addition to that PBIC Cell organise various session with students as volunteer to practically inculcate Human Values, Professional Ethics and leadership in them.

Helping Hand Club organises Social Welfare activities to provide health services, welfare, spread awareness, empowering youth and women, employment generation, and children education.

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

11

File Description	Documents
Any additional information	No File Uploaded
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
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

1.3.3 - Number of students undertaking project work/field work/ internships	
706	
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	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	No File Uploaded
1.4.2 - Feedback process of the Institution may be classified as follows	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://www.piet.poornima.org/feedback
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment Number Number of students admitted during the year	

2.1.1.1 - Number of sanctioned seats during the year

330

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**

106

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

PIET institute assesses the learners every year by examining previous year's exams performance, conducting group discussions, taking interview, presentation and assigning quizzes. On the behalf of student's performance, they are categorized as advanced, average and slow learners. The first year students are categories on the basis of 10th & 12th class marks, interviews and further monitoring their class activities.

The second year to fourth year students are categories on the basis of past semester marks, group discussion and technical quizzes. In the pandemic situation the institute assigned/executed different tasks/activities to the learners (based on respected categories) to improve their performance.

Advanced learners are encouraged to study and write research papers, organized/attend workshops, implement non-syllabus projects, attend national/international workshops, seminars and webinars, carry out certifications and solve highly skilled puzzles and problems.

Average learners are encouraged to solve assignments, quizzes and university papers, attend workshops and seminars organized by the institute. The faculties of institute regularly judge their performance and suggest improvements.

For slow learners, the institute conducts remedial/extra classes; regular counseling is given by the subject teacher or class tutor and motivates them to develop self learning skills. Tutor is assigned to each student, who works as friend, parents, and philosopher and to address their issues and built self confidence. Their weekly performance is judged through viva-voce and quizzes.

File Description	Documents
Link for additional Information	http://www.piet.poornima.org/NAAC-AQAR/Criterion2/2.2/2.2.1/Criteria%202.2.1%20Proof.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
913	95

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

PIET works regularly with the students to enhance their learning capability by including teaching-learning methods i.e. experimental learning, participative learning, and problem solving methods. The institute organized special webinars, workshops and training about latest and industrial requirement technology, i3 day (Institute, Industry, Interaction) activities with the help of experts to enhance students reasoning and logical capabilities and motivate the students for

certifications. The students are involved from the first day of the semester in various activities i.e. team building activities, daily practice sessions, extra-curricular activities, club activity, assignments, projects and quizzes; which help the students to boost academic performance and learn management activities.

Experimental Learning: Learning by doing enhance creativity, cognitive and perfectness level of the students. The institute performs the following experimental based learning methods to enhance student's capability.

- Projects (syllabus and non-syllabus) provide an experience of working on skills and technology to the students.
- Certification/ Add-on courses i.e. NPTEL, MS, IBM, Coursera etc helps the students to build up the precise set of skills according to their specialization and industry requirement.
- Internship help the students to expand in-demand technical skills, learn professional principles or manners.
- Project oriented Labs provide an experimental exposure to students in which they learn and implement simultaneously to enhance their skills.

Participative Learning: Actively involvement in a process helps the students to become responsive, proficient, sustainable, and empowerment. Students are regularly encouraged to actively involve in the activities organized by the institute.

- Club and extracurricular activities are helping the students to apply academic skills in a real-world like RTU-POORNIMAHACKATHON2021.
- Webinars, Workshops, Seminar and conferences are helping the students to learn and expose new technical skills, enhance verbal communication and self motivation.
- I3 day (Institute, Industry, Interaction) activities helps the students to enhance their reasoning and logical capabilities.

Problem solving methodology: The institute applies various problem solving methods i.e. Research Publication, Assignments, quizzes, case study, and workshops; which helps the students to assess and develop their knowledge and skills. The institute set question papers of midterm examination as per the course outcomes and program outcomes; which aware the students about objectives of course and program

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

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

The institute espoused and fruitfully implemented ICT methods in the pandemic situation to effectively carry out teaching-learning process. In the pandemic situation, institute has successfully run interrupt less online classes through MS-team. Google meet and forms are used to conduct online exam, viva-voce and presentation. Google classroom is used to evaluate student's midterm exams and assignments, share study material, solution of sample papers and RTU previous year question. Online gdb and Google Colab compilers are used to demonstrate implement online practical assignments. Online smart boards are used by the faculties to explain numerical questions and logic based topics. During pandemic situation; the institute provides desktop/laptop with web camera, head phones and internet with high bandwidth to the faculties to interact with the students. The ICT tools play an effective role in that situation to successfully run academic activities.

The classrooms, laboratories, seminar halls, conference hall and auditorium of the institute are operational with ICT facilities. General ICT Tools which are being used by the PIET faculties are: Desktop and laptops, Projector, Digital cameras, Printer, Photocopier, Tablets, Pen Drive, Scanners, Microphones, interactive white board, DVDs, CDs, and Flash discs etc. The integration of ICT with teaching and learning has produced the significant positive gains in student's knowledge, skills and attitude.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://cspiet.poornima.org/

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**

74

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**

95

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**

29

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

282.26

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.

The institute is affiliated with Rajasthan Technical University (RTU), Kota and institute follow the examination scheme defined by the RTU. In terms of transparency, the institute publishes academic calendar of institute and RTU in the beginning of semester/year. As per academic calendar the institute conducted two mid-term exams for theory and practical. The institute ensures each student to undergo at least five assignments (one from each unit) for each subject. During the pandemic situation the mid-term exams and assignments were conducted using Google classroom and MSTeams. The institute maintains the standard of question paper as per OBE (Course Outcome and Program Outcome) and University exams. At least three question papers are taken from the different faculties to increase quality of the question paper. After conducting exam, the question paper is solved in the class room and evaluated answer sheets are shown to the students. Every class attendance is examined & reported by the faculties and time & again performance and attendance is shared with students and their parents. To maintain maximum attendance in the

class the short attendee students are debarred from the examination.

During pandemic Social Outreach, Discipline & Extra Curricular Activities marks are decided according to their behavior during online classes and their contribution towards society. Institute maintains transparency in its academic & assessment process.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

Poornima Institute of Engineering and Technology is dealing a transparent and time-bound method for internal examination related grievances. As per University norms; institute conducts two Mid-Term exams for theory and practical. Immediately, after the Mid-Term exam; within one week answer sheets are evaluated by the faculties and shown to the students with solutions and marking scheme. If any student has grievances related to evaluation; the student has to apply to recheck the answer sheet. Institute share the result of evaluation to student by email or letter to respective parents. During the pandemic; the Mid-Term exams were conducted online and results were share through institute portal & email.

In certain components like Projects, Industrial Training Seminar, Technical Seminar, Non Syllabus Projects etc. continuous evaluation is being done by the faculties and share evaluation to the students through Google sheet. Marking scheme of Social Outreach, Discipline & Extra Curricular Activities generally shared with the students in advanced at the beginning of the semester and before finalizing, institute share the marks with students for verification through portal.

In case of any issue regarding evaluation, student can drop a mail specifically designed for grievances. Institute resolves the issue as soon as possible and inform to the student. With these systems in place, PIET remarkably retain transparency to deal with grievances related to the internal assessment.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

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

Institute follows Outcome-based Education (OBE) which emphasizes on many components in terms of student achievement in the courses and program offered by the institute. The most important components are the Program Outcomes (POs), Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) and Course Outcomes (COs).

Institute follows the standard POs, as stated by NBA to adhere with Washington Accord and Graduate Attributes, which represents the knowledge, skills and attributes the students should have at the end of a four-year engineering program offered by the institute. Course Outcomes are the detailed description of the abilities what a student must acquire at the conclusion of a course.

Course Outcomes are designed in such a way so that they can fulfill the requirements of Program Outcomes and Program Specific Outcomes. To identify the keywords used in COs, bloom's taxonomy has been referred in conjunction with the course syllabus. The Course Outcomes are designed by Course Coordinators and finalized by Quality Improvement Committee (QIC) to achieve the Vision of the department with the help of its mission statements.

The COs-POs and COs-PSOs mapping depends on two factors: first, the learning level and second, the hours provided for that learning level. There are four learning levels are identified for this purpose.

Learning Level

% of hours required

correlation level

Master

$\geq 40\%$

Substantial (High=3)

Reinforce

$< 40\%$ and $\geq 25\%$

Moderate (Medium=2)

Understanding

$\leq 25\%$ and $\geq 10\%$

Slight (Low=1)

Introduction

Less than $< 10\%$

Not considered

Course Outcomes are maintained in Course diary by each faculty member. Course outcome is shared with students through Orientation sessions delivered by Head of the department, Zero lectures delivered by each subject faculty members, through various notice, Admission Brochure, flexes and websites, and are also circulated via email. In Midterm examination conducted by institution, question papers are also designed as per course outcomes and Program outcomes.

Institute also calculates attainment of PO's and ensures remedial measures are taken in subsequent sessions.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://www.piet.poornima.org/public/naac/Outcome%20Based%20Education.pdf
Upload COs for all courses (exemplars from Glossary)	View File

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

In order to assess the performance of the learners, Institute performs the assessment of course outcomes and program outcomes at various level during and after course delivery. The assessment process followed by the institute is aligned with learning outcome.

Assessment tools to calculate the attainment of CO's

Category

Assessment Tool

Weightage

Internal

Mid Term Examinations

20%

Assignments/Tutorials

15%

Feedback & Survey

05%

External

University Examination

60%

Assessment tools to calculate the attainment of PO's

Category

Assessment Tools

Parts

Weight age

Direct

Course Attainment

40%

Career Oriented Learning

Mock Drives

Aptitude Classes

Career Guidance Programs

20%

Curricular and Extra Curricular Learning

Research Publications

Non-Technical Events

Non-Syllabus Projects

Student Driven Activities

20%

Indirect

Survey/Feedback

Alumni Survey

Employer Survey

Parent Survey

Program Exit Survey

20%

Formative and summative assessments are integral part of direct method. Tutorial /Assignment, Lab evaluations, Outcome based assessment are part of formative assessment while mid-term exams and university exams (for both theory and labs) are considered under summative assessment. The indirect method includes student feedback and survey conducted among the stakeholders to gather information. Besides that, students' portfolio and participation in career oriented activities are also included in the assessment process.

The assessment process followed by the institute, is used to evaluate the knowledge, skills and competence of the learners.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://www.piet.poornima.org/public/naac/Outcome%20Based%20Education.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

195

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://www.piet.poornima.org/NAAC-AQAR/Criterion2/2.6/2.6.3/NAAC%20C-2.6.3%20ANNUAL%20REPORT.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://www.piet.poornima.org/NAAC-AOAR/Criterion2/2.7/2.7%20\(AOAR%202020-21%20SSS\).pdf](http://www.piet.poornima.org/NAAC-AOAR/Criterion2/2.7/2.7%20(AOAR%202020-21%20SSS).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)**

50.06

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

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

4

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	Nil

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

23

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

3.2 - Research Publications and Awards**3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year****3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year**

28

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

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

27

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

3.3 - Extension Activities

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

Poornima Institute of Engineering and Technology has continuously been a part of social enrichment activities. Main purpose of these activities is to develop a humanitarian approach in student behaviour for social causes. Poornima Institute of Engineering and Technology believes in the holistic development of the students, to be part of the future of the society. The students' Council is formed in college for motivating self decision power of the student and management skill of student. As a responsible part of society, Poornima Institute of Engineering and Technology is forming two significant forums named: Poornima Paathshala and Helping Hand Group. These programmes are endlessly flourishing to achieve the goal of not only creating socially responsible citizens but also to contribute towards the village adoption

Poornima Paathshala:

About Program: Taking the Right To Education ACT 2009 as the base the Council of the Poornima Institute of Engineering and Technology established the Poornima Paatshala as Club for providing education to the underprivileged children and people residing in nearby villages and slums. The Poornima Paathshal is a registered NGO to educate the underprivileged students. The group also comes with computer education for different age groups. The club also provides the book and stationary for the students. The club is associated with AIESEC where international interns stay in the campus and take the classes of the unprivileged students in the evenings.

Outcomes:

- Poornima Paathashala Club enlightens the society by educating unprivileged children, as education is a basic right given to each Indian citizen provided by the constitution.
- Student of the college get the knowledge of the both side of the table of the teaching-learning process
- Students of the college get the opportunity to be involved in the teaching-learning process.

- This Club also provides the society with the future society members who work for development of the society.

Helping Hand Group:

About Program:

Helping Hands, as the name suggests, is aimed to nurture students for lifting hands for helping the society to stand together and spreading happiness. Club has successfully done many events such as charity in Government schools, Shared Birthday Project, and many other noted events, also collaborating with other organisations whenever there is need. During the pandemic period the group also served people by providing those Verified leads of resources like oxygen, beds, medicines, foods and other facilities and food for people in shelters. Encourage the public for the benefits of buying local goods. To maintain balance in our environment this group organised tree plantation. Covid -19 provide helping hand group an opportunity to join the hands and help covid-19 patients by providing them Verified leads of resources like oxygen, beds, medicines, foods, etc., and contribute to making their lives somewhat easy in this Pandemic situation.

Outcomes:

- Students being the part of helping hand groups get the de facto social issue insight.
- Students get experience of real time social problem solving.
- Students understand the role of them in building a sustainable society.

File Description	Documents
Paste link for additional information	http://www.piet.poornima.org/NAAC-AOAR/Criterion3/3.3/3.3.1/3.3.1.pdf
Upload any additional information	View File

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

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

02

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

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

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

12

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

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

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

467

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

3.4 - Collaboration

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

29

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	No File Uploaded

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

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

5

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
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 ensures adequate availability and optimal utilization of physical infrastructure as it is linked to the mission of our Institute -"To create a knowledge-based society with scientific temper through cutting-edge technologies, innovative research and to become a valuable resource for enriching mankind." Through technically advanced educational tools and laboratory-like Industry sponsor labs like RED HAT lab, IBM Lab, and Microsoft & Celebal Lab also have AICTE Sponsored Deep Learning Lab under MODROBS.

Since the commencement of the academic year, College has kept pace for need-assessment for replacement / up-gradation / addition of the existing infrastructure with rising demands of the teaching-learning resources in the campus which is carried out based on the suggestions from higher authorities, Institutional Head, Heads of the departments and industries need after reviewing course requirements, student computer ratio, budget constraints, working condition of the existing equipment and also students grievances. The requirements regarding classrooms, laboratories, infrastructure development, and other equipment are planned by the respective department and purchased by the store department of the Institute.

Optimal deployment of infrastructure is ensured through encouraging innovative teaching-learning practices by conducting VSAT GATE training sessions weekly once for every department. The available physical infrastructure is optimally utilized beyond regular college hours, to conduct certificate courses, co-curricular activities/extracurricular activities, parent-teacher meetings, Campus Recruitment Training classes, campus recruitments, meetings, seminars, conferences, etc.

Effective utilization of infrastructure is ensured through the appointment of adequate and well-qualified lab technicians/system administrators.

Institute provides huge collections of books in its central library. Also, there is the provision of having remote access to get e-books, e-journals, and e-Learning.

BLOCK-A -: Is occupied by the library, Ist year, ECE department classrooms and ECE laboratories, EEE laboratories

BLOCK-B: Is occupied by Principal, Administrative & Civil department and classrooms.

BLOCK_C: consists of Seminar hall, Department staffroom & classrooms of CSE and T & P Office.

Some of the major facilities which are being used for effective teaching-learning are furnished below:

- 26 classrooms and 3 Conference halls are made available.
- All the classrooms and seminar halls are ICT-enabled with Wi-Fi Facilities.
- Every classroom and seminar hall has a provision for smart teaching tools, including an LCD projector, Laptop, etc., Furniture available in the classroom is suitable for sound learning
- State of the art laboratories are made available for all the programs
- Student - computer ratio is 2:1 and the allotment ratio in the lab is 1:1.
- One centralized computer center functioning 24 x 7 to support academic and research needs. Well-stocked library functioning from 08.00 am to 8.00 pm
- The Library has a subscription for online resources such as e-Journals, e-Books, Databases, etc., in addition to regular books, journals, magazines, newspapers, etc. Digital Library is functioning 24x7. The staff, students, and research scholars can access the E-resources, anywhere anytime through remote access. Department Library exists in all the departments, for immediate reference by their staff, students, and scholars.
- Smartboard facility is available
- 3 central facility seminar halls of capacity 300, 100, 100 each are available in the convention center for the conduct of conferences, seminars, workshops, Institution events, etc.,
- A state-of-the-art convention center of 400 seating capacity caters to the required needs of this institute.
- Innovation & Incubation Council (IIC), a not for Profit Company acting as a "One Stop Shop - Technology Business Incubator (PBIC)" for Startups.

The available resources are as follows:

Particulars

Description

For existing intake

Area In sqm

Nos.

Required

Available

Class Rooms

Good acoustic conditioned, ergonomically designed classrooms with glass boards and LCD projection & Internet facility

26

26

1971.71

Tutorial

Rooms

Well equipped with benches

08

08

351.15

Laboratories

Well equipped with multiple sets of apparatus.

43

43

3176.41

Workshop

Well equipped in all respect to conduct workshop Activities

05

05

1022.77

Seminar Hall

Seating capacity 100 students with LCD projection & Sound System

03

03

4000.10

Computer Centre

Equipped with latest Configuration Desktops and software

01

01

171.38

Drawing Hall

Equipped with drawing boards

01

01

151.58

Library & reading room

Equipped with digital library facility

01

01

526.00

Faculty Room

Equipped with latest Configuration Desktops and software

60

68

729.23

Conference Room

Seating capacity 30 Person with LCD projection & Sound System

03

03

240.12

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.piet.poornima.org/NAAC-AQAR/Criterion4/4.1/4.1.1/4.1.1%20new%20write%20up.pdf

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

Poornima Institute of Engineering and Technology has good facilities for conducting sports, games, and cultural activities. Sports facilities have been established for various games inclusive of Volleyball and shuttle Badminton, Kabaddi, Kho-Kho, Basket Ball Cricket court, and Throw the ball to ensure the focus of the institute in providing extra-curricular activities to the students. We also have facilities for Chess, Caroms, and Table Tennis. The college strongly believes that a healthy body carries

a healthy mind.

Sports & Games play an integral part in the all-round development of the student. Keeping this in mind the institution has a definite policy and plan of action to encourage sports & games. The college has incorporated a lot of games into the academic calendar. The institute encourages students to participate in sports & games outside the campus. Transport is provided to students to participate in events outside the campus. The constant support from the management towards sports and games considerably enhances the health of the students and relieves the tension. We won a number of tournaments. Institute is having sufficient areas for sports and playing areas for our students and we constructed comfortable courts for both boys and girls. The environment is eco-friendly which helps healthy playing conditions our aim is to provide all facilities for the students who are interested in sports and games.

YOGA Center

In this modern age of stress and hard work, every individual needs peace of mind and to overcome the stress, yoga is the best remedy. Yoga practice makes one's body and minds healthy. It not only keeps one fit but also enhances the human ability to think and increases the power of concentration. We conducted yoga for our students with a specified timetable. We also conducted yoga from the eminent yoga teachers once a month. We also found a huge number of students shown their interest to participate in yoga. Yoga became part of our curriculum after finding the importance of yoga.

CULTURAL Facilities

A Well-equipped and established cultural club is functioning on the college premises. We have organized various cultural events in our college premises at the University level thereby extracting the hidden cultural talent of the students. Under cultural activities, we celebrated for a number of functions and conducted various competitions.

Gymnasium

The gymnasium is situated in the boys and girls hostel separately where the instructor is appointed for guidance and the timings are fixed for the same in the morning and evening hours. In order to promote various health-related sessions, yoga is given

importance to a great extent and it is a part of the orientation program every semester.

The College has grounds and courts for the following sports inside the campus:

S. No

Ground Detail

Quantity

1

Volleyball

01

2

Football Ground

01

3

Basketball Court

01

4

Lawn Tennis Court

01

5

Kabaddi Court

01

6

Outdoor Stadium

01

7

Yoga Center

01

8

Gymnasium

01

9

The College has the following for cultural activity inside the campus:

S. No

Detail

Quantity

1

Arbuda convention center

01

2

Open Auditorium

01

The College has the following faculties inside the campus also:

S. No

Detail

Quantity
1

Provisional Store
01
2

Canteen
01
3.

Reprographics Section
01

Links: <http://www.piet.poomima.org/facility> <http://www.piet.poomima.org/past-events>

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.piet.poornima.org/NAAC-AQAR/Criterion4/4.1/4.1.2/PIET%20COLLEGE%20VISIT.m p4

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

32

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

32

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.piet.poornima.org/NAAC-AQAR/Criterion4/4.1/4.1.3/lecture%20hall%20B/
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)

95.79

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)

Our Institute Library has a rich collection of 24402 books & 78274 (Print/E-Journals) in the field of Engineering, Science & Technology, Architecture, Design, Sc. & Humanities, Management, Hotel Management, Commerce, French, Mathematics, Physics, Chemistry, Environmental Sciences and also in the field of Humanities and Social Science including English. For library Housekeeping, The access of the library is 100% Automated with ILMS using KOHA (19.11 Version) Web OPAC and research databases on a single platform

Institute Library system provides a variety of E-Resources & Databases to the users to supplement their teaching, learning, and research activities. These E-Resources can be accessed inside

and outside the campus. For using them inside, users just need to click on the link of desired E-Resource IP address available

EBSCO-IEEE SCOPUS JGATE DELNET RARE BOOKS

PATENT SEARCH

NATIONAL DIGITAL LIBRARY (NDL)

E-BOOK COLLECTION

NPTEL Video lectures

ONLINE PUBLIC ACCESS CATALOG (OPAC)(Timings 24 X 7 X 365)

The Library system provides web OPAC to search Books and other reading material available in Central Library. 'KOHA WEB OPAC' provides basic and advanced search options to the users. It tells about the status of availability of the document in the Library. Besides, it also shows some external links for further search on the desired document. The Library System provides state-of-the-art infrastructure for a comfortable learning environment The Online Catalogue of the whole Central library database is available 24X7 throughout the year. Users may search and check the availability of a particular book, journal, CD/DVD, thesis, dissertation, etc. anywhere and anytime. Email & SMS alerts of new arrivals, job notification conference & event notification is also provisioned

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://pietlibrary.poornima.org/

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)

14.13

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

25

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

4.3 - IT Infrastructure

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

The Institution has adequate and latest IT infrastructure. The IT infrastructure and resources are updated and upgraded continuously as per the requirements and changing technology. The entire Institute is Wi-Fi enabled with necessary firewalls and computer labs are connected through LAN with internet facilities.

Dedicated internet connectivity of bandwidth 100Mbps(1:1) is provided by Bangon super WiFi g. the campus is Wi-Fi enabled to promote digital flow. Faculty and Students can avail the Wi-Fi facilities 24X7, 365days. Internet facility is provided to the classrooms, laboratories, offices & hostels through Wi-Fi. Wherever high-speed connectivity is required wired connection through optical cable LAN services are provided to the departments.

A dedicated computer center is provided for browsing & accessing e-resources besides computer labs in each department. The Institute has an Internet registered domain name <http://poornima.org>, using which it provides its own e-mail facility, to staff and students. The institution provides free Wi-Fi facilities to the students. They can access the internet freely through their mobile phone, tablet, or laptop in the College campus. Staff is also provided with the individual system (Desktop) with an internet facility. With the increasing demand for internet access in educational campuses due to evolving standards of education and flexibility offered by the Internet - universities, colleges, educational institutes, etc., are keenly stepping forward to set up secured and stable wired or Wi-Fi network campuses for their students. As per the current market trend, most of the students like to carry 3-4 devices with them like mobile, tablets, laptops, etc. with them to campus. As these devices devour bandwidth, colleges and universities are struggling hard to keep up with the bandwidth demand. Educational campuses have major requirements of user access control, control over bandwidth consumption, and differentiated policy control for management faculty access and student access.

These campuses with wired and wireless internet access require seamlessly roaming facilities to access the internet from classroom to library to labs and residential areas. Laying a complete network with different vendor solutions would be a very costly effort and difficult to manage while technical issues. Education institutes require a cost-efficient comprehensive solution that offers all the advanced facilities and features in a single platform with a single point of contact for technical support. The connectivity through a fully networked campus with state-of-the-art IT infrastructure, computing & communication resources, offers students the facilities of e-mail, net surfing, up/down-loading of web-based applications, besides helping them in preparing projects & seminars.

Computing Facilities

Sr. No.	Particulars	Available
1	DESKTOP COMPUTERS	570
2	SERVERS	4
3	PRINTERS	22
4	CD WRITERS	4
5	ROUTER	10
6	FIREWALL	0
7	SWITCHES	0



42

8

LAPTOPS

3

9

PROJECTORS

32

10

PROJECTOR ACCESSORIES

8

11

SCANNERS

2

12

CCTV CAMERA

144

NAAC

The Following table shows hardware as well as software facility provided by the institute

Hardware facility:-

Particulars

2017-18

2018-19

2019-20

2020-21

Computers

440

470

500

570

Wifi

Yes

Yes

Yes

Yes

Projector

13

20



28

40

Server

4

4

4

4

Printer

22

22

22

22

Scanner

2

2

2

2

Dot Matrix Printer

2

2

2

2

Switch



42

42

42

42

Bandwidth

100 Mbps

120 Mbps

150 Mbps

100 Mbps

Photocopier Machine

3

3

3

3

Attendance Machines

3

5

8

10

SmartBoard

2

2

2



2

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

4.3.2 - Number of Computers

570

File Description	Documents
Upload any additional information	View File
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
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)**

193.05

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 institute has a well-defined system of maintenance of its academic, physical, and support facilities like laboratory, library, sports, computers, classrooms, etc. In the annual budget, adequate provisions are made for the same. Institute keeps budget allocation every year for maintenance and upkeep of various facilities. As and when maintenance is required for the infrastructure and the facilities, the institute puts up these issues to the maintenance committee and the work is carried out accordingly. The maintenance committee is headed by The Principal and convened Administrative officer who interns monitor the work of the supervisor at the next level. The Maintenance supervisor and his team are involved in the maintenance of overall infrastructure facilities. This team looks after regular maintenance and repair of furniture, masonry, plaster, painting, plumbing, housekeeping, gardening, transport, RO plant, telecom, and IT services. The computers of the institute are protected from a power surge. The institute has also installed Solar Power System to support the Electrics power supply.

- Regular cleaning of classrooms, floors, laboratories, library, and restrooms is done by housekeeping staff.
- Adequate staff is employed to meticulously maintain the cleanliness of infrastructure to provide a congenial learning environment.
- Dust bins are placed in every classroom.
- The campus maintenance is monitored through surveillance Cameras The green cover of the campus is well maintained.
- The college has a good team of electricians & plumbers who maintain RO system, electrical and water facilities in the college and hostel.
- The college is power backup with the generator.

Maintenance of Laboratory equipment

- Preventive maintenance and breakdown maintenance procedures are followed for all laboratories. The laboratory/workshop equipment and machinery are maintained by well-trained technical staff. Periodical checkup equipment is carried out as per the laboratory schedule.
- The minor repair/service will be done by the technical staff with lab in-charges.
- The major service requests will be forwarded to the Principal through the Head of the department. The maintenance department, find suitable service personnel for rectification. Annually stock verification of all laboratories and other facilities is carried out. The computer laboratories are supported with power backup system UPS.
- A bi-weekly status of hardware and software is maintained in the register.

Library maintenance

- The entry and exit register is maintained to ensure the effective utilization of the library.
- The requirement of the books is collected by a librarian from the department as per the demand from students and faculty.
- The books are cleaned at periodical intervals to avoid infections and dust.

Electrical maintenance

- The generator, lighting, electrical, air conditioners, solar panel, and RO system maintenance is carried out by in-house electricians.

Transport maintenance

- The college has a fleet of buses which is provided to students and staff. Buses are regularly cleaned.
- Vehicles are periodically greased for smooth running.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://piet.poornima.org/

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	
58	
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	
3	
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	www.piet.poornima.org
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

190

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

190

File Description	Documents
Any additional information	View File
Number of students benefitted 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

182

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

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

5.2.2.1 - Number of outgoing student progression to higher education

6

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

2

File Description	Documents
Upload supporting data for the same	View File
Any additional information	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.**

3

File Description	Documents
e-copies of award letters and certificates	View File
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)

Our Institution creates a platform for active participation of students in various academic & administrative bodies including cultural activities. This empowers the students in gaining leadership qualities; understand rules, and academic regulations. The topper of outgoing students from each branch of engineering is awarded with gold medals and second topper is awarded with a silver medal. College has created a set of councils for benefit of students, with each council having a representative. The representative brings forward the views and suggestions of the entire class with respect to teaching, difficulties in subjects,

framing of syllabus and other things related to the class. The composition of student members is of one topper, one average and one slow learner (the one who has more integrity with other students) of each section is nominated as class representative, for all the sections from I Year to Final Year. The Student Council helps students share ideas, interests, and concerns with faculties and administration. They often also help to raise funds for -wide activities, including social events, community projects, helping people in need and college reform. Various programs like paper presentations, workshops and seminars are organized by these bodies every year. The students from every year, are the part of IIC, PBIC, IQAC and Alumni Associations. 14 clubs are in working positions which are headed by students only.

File Description	Documents
Paste link for additional information	http://www.piet.poornima.org/student/club/club
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

27

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	View File

5.4 - Alumni Engagement

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

Poornima Institute Alumni Society has been established with the aim to bridge the gap between the Institution and the alumni. Its main function includes keeping complete track of alumni with their required details, informing them about the current changes and achievements of the Institution. Alumni association meetings take place yearly and future plans are discussed in the meetings. Along with the association meeting, annual alumni meet is also organized at the University level every year. Alumni contribution happens in various non-financial forms such as alumni interaction week, alumni challenge competition. We are Connected to more than 3000 alumni with regular interaction and support; these Alumni are also connected via LinkedIn, Facebook, Instagram, and WhatsApp. The Alumni Association is helping us to stay connected to those friends and to the vast resources available here, from the faculty that taught and guided you to our libraries, seminars and symposia, websites, social media, and an extraordinary variety of "stay connected" programs designed with you in mind.

They are all designed to support you as you pursue your post-academic life and career. One of our goals is to preserve a mutually beneficial, enduring relationship among alumnus and with the Institute. As your representatives, we are constantly seeking meaningful ways to embrace your needs. We have conducted webinars through our star alumni in this pandemic also. The alumni who are far away also gave their valuable time and share their experience with our current students. Alumni visit the campus for the benefit of the juniors, namely for conducting viva, STP activity, conducting mock personal interviews, discuss business and entrepreneurship opportunities. During the interaction, alumni have highlighted the importance of current trends in the market and guided the students about career opportunities in different fields. They have also shared their personal experiences with students. Alumni visit campus at regular intervals to support the existing batch of students in planning and organizing events, extend support and guidance for the functioning of various students clubs. Alumni who are entrepreneurs have been providing inputs on how to start a new venture and turning them into job providers. This has resulted in two out of four students who have in progress of their revenue streams.

Some of the alumni are actively participating in social service combined with creative activities for rural area kids. These activities are quite motivational and create enthusiasm among

children resulting in awareness related to the importance of education among poor children. All these activities are carried out during weekends. Whenever these alumni visit the campus they motivate students to follow their path for the betterment of society. Alumni extend their support for campus placements and training from time to time. Our alumni are active members of IQAC, IIC, and PIAS.

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

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

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Poornima Institute of Engineering and Technology (PIET), is established by Shanti Education Society in year 2007 with the objective to promote Technical Education with state of art infrastructure and strong academic philosophy. For achieving its vision, it has a robust governance process- consisting of the three arms of governance i.e. the Society, the Board and the Executive, aligned to the AICTE regulations as applicable from time to time. PIET has a Governance team in place to define the current structures as well as define the further excellence for the Institute keeping the macroeconomic, academic and social impacts of the education imparted. This ensures that the resources are utilized optimally. The system covers the learning community, industry, society, alumni, learners and the government.

Theme of the year:

1. Connecting New Pedagogical Approaches and Avenues in Teaching and Learning in view of COVID-19
2. Contribute for Whole-Student Development

The Mission of the institute proposes an Intellectually Challenging Environment with a commitment for empowering the students & faculty. The institute implements best practices to serve as a benchmark and enable the institute to evolve into an epitome of values and culture.

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

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

The institute believes in the practices of decentralization and participative management which promote its vision and mission. The decentralization reflects in various functional bodies like Management, Governing Council, IQAC Committee, Administration, student council and various committees like library committees, Purchase committee, grievances committee maintenance committee, women cell etc.

Decentralization and Participative Management

All the officers as shown in organogram along with Students, Parents, Alumni and Industry experts are actively involved in relevant planning and processes

Decentralization at Poornima Institute of Engineering and Technology is done at all departments like admission, academics, administration, finance, students activities, curriculum enrichment, sports etc. By introducing decentralization and participative management, PIET is committed to improve the policy implementation, procedures and functioning of the Institute. This rationalizes the actions & decisions amongst the faculty, staff, students and society.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Institutional Strategic Plan

The institute is dedicated to ideal of providing quality education to the rural backward area that can be compared with the quality of education given in urban sophisticated area. Institute has the perspective plan to achieve its vision:

- Efficient Teaching erudition procedure with Enrichment of ICT based teaching-learning process
- Alumni Interaction and Outreach activities
- Obtaining grants for research projects from various Government funding agencies and patents and boosting Internal Revenue Generation
- Consistently Growth in Research and Development
- Consistently Internal Quality Assurance System
- Effective Leadership and Participative management
- Employees Advancement & Welfare
- Encouragement of Budding Entrepreneurs through PBIC
- Ensuring effective governance
- Escalating Quality Placements
- Institute - Industry Interaction
- Plan for augmentation in the building and academic infrastructure, and renovations to meet the growth requirements.
- Student's Overall Development through Participation
- Women/Student/Faculty Grievance
- Introducing new UG courses in Engineering area and Regional Language.
- Induction of more number of Ph.D. faculties.
- Establishment of centres of excellence in various technology domains with industry support such as IBM, Red hat.
- Enhancing employability skills of students through regular preparation sessions in collaboration with Industry through (i3day).

- Foreign student exchange through AISEC.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://www.piet.poornima.org/NAAC-AOAR/Criterion6/6.2/6.2.1/6.2.1_0001.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 Institute has a well-structured administrative set-up for smooth functioning so as to achieve short term and long term targets. Following are the Officers and Governing Bodies of the Institute:

Officers of the Institute: The Institute shall consist of the following officers, namely (1) The Chairman; (2) Prncipal, (3) IQAC (3) The Registrar, (4) The Chief Finance and Accounts Officer, (5) The Proctor, (6) Head of departments (7) The Controller of Examinations, and (8) Such other persons like WEC chief women cell and chief warden.

Governing council of the Institute: The institution has a strong governing council made up of different luminaries from various walks of life that devices all policies and decisions related to both academic and administration. To ensure the efficiency and effectiveness of governing council, a number of academic and administrative bodies have been formed with duties and responsibilities. The governing council of the college meets once in a year, to discuss various issues and aspects contributing to the development of the college. During the meeting chalks out a roadmap in order to achieve the goals of the institution.

The functioning of all institutional bodies and administrative set-up is effective and efficient which is visible from successful implementation of policies, administrative setup, appointment and service rules, procedures, etc. as per details given below:

Appointment and Service Rules: The Institute has a recruitment policy to achieve the talent acquisition plans in line with the

objectives of the organisation. PIET not only employs diversify of people like doctorates & post graduates but also helps them in achieving and exploiting their immense potential and grow remarkably creating a better world for them.

Service Rules: The Institute has well defined service rules for all faculty and staff. The service rule provides details about the job description, the code of conduct, leave rules, Ethics Policy, attendance and all other relevant details.

Promotion Policy: The Institute has a streamlined promotion policy both for teaching and non-teaching staff. All full-time or part-time faculty/staff receive annual appraisal based on the previous session performance. The appraisal form filled by the Faculty and Staff members is being scrutinized at various levels of reporting and reviewing officers. Analysis of each year performance appraisal is recorded in the HR department & submitted to IQAC for necessary action. Based on the appraisal outcomes, qualification and experience, the employees are promoted on recommendations of IQAC as per norms.

Grievance Handling Mechanism: The Grievance Handling Mechanism has been structured around the ideology of providing a free and fair grievance handling mechanism and facilitating the resolution of any conflicts / hardship arising in the course of employment and education.

Various Bodies/ Committees are constituted for resolving the grievances/issues of employees and students in timely and transparent manner. The employees and students of PIET are welcomed to submit their appeal, grievances and suggestions (if any) to these bodies/ committees as listed below:

- Anti-Ragging Committee
- Women Cell & Anti Sexual Harassment Cell
- Minority Cell
- OBC Cell
- ST/SC Cell
- Proctorial Board
- IQAC
- Purchase Committee
- Audits
- Maintenance Committee

File Description	Documents
Paste link for additional information	http://www.piet.poornima.org/organogram
Link to Organogram of the Institution webpage	http://www.piet.poornima.org/organogram
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Any additional information	No File Uploaded
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

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

Poornima Institute of Engineering and Technology, takes various welfare measures for teaching and non-teaching staff for the motivation and growth of individuals. These are:

Statutory Welfare Measures:

- Employee's Provident Fund (EPF)
- Employees Group Insurance Scheme
- NPS

General Welfare Measures:

- Subsidized Accommodation for Faculty and Staff Members

- Policy for gift to Employee Getting Married
- Free Transport Facility by Faculty & Staff
- Travel grants for training and other purpose
- Uniform for faculty & staff
- Fee Concession for ward of staff
- Wellness Programs
- Festival Celebrations
- Courier service & Bank ATM
- Laundry facility at lower cost
- Medical facilities
- Close user group mobile plan
- Facilities near Campus: Bank, Shopping Centre

Professional Welfare Measures:

- Faculty and Staff appraisal Programs:
 - Performance Incentive Scheme for excellence in result
 - Technical Publication Incentive Scheme for research work & development
- Consultancy & Research Incentive Scheme of Poornima (CRISP)
- Promotional Scheme for Patents & Copyrights
- Scheme of Pursuing PhD for Professional Progression at Poornima
- Support for Participation in Conference/ Seminar/ Workshop/ Trainings/ Symposia etc.
- Sanctioning of Leaves as per Poornima Institute of Engineering and Technology Policy

Faculty is the life line of Poornima Institute of Engineering and Technology. The faculty at Poornima believes in GURU-SHISHYA heritage of Indian Tradition. This allows for a closer student-faculty relationship and contributes to the sense of community in campus. The faculties are periodically trained in house & out house so that they can meet not only curriculums requirements but also industry needs. For this purpose, Poornima Institute of Engineering and Technology, organizes various faculty development programs for the technical, managerial and behavioral uplifting from time-to-time. Every semester, an orientation program is organized to make the faculty aware of the Poornima Philosophy and Poornima guidelines for the teaching learning process and changes therein. It also includes training of use of ICT in teaching learning. Some of the notable supports provided for uplifting of faculty / staff members are:

- R&D Support
- Sponsorship & Up skilling
- QIP Support (for higher studies)
- Sabbatical Leave
- Travel Grant
- Membership support.

The Institute recently started talent enrichment training through the "Learning from Leaders Program" for faculty as well as students. Under this program, industry leaders are invited to take sessions/interactions with faculty and students on various real life aspects and share their experiences.

File Description	Documents
Paste link for additional information	http://www.piet.poornima.org/public/documents/employee_form/Employees%20Service%20Rules%20Book%20%202019%20-20-converted.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

44

File Description	Documents
Upload any additional information	View File
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

40

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	No File Uploaded
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

95

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

A good performance management system works towards the improvement of the overall organisational performance of teams and individuals for ensuring the achievements of the overall organisational mission and vision. An effective performance

management system plays a crucial role in managing the organisation in an efficient manner. In line with this, the Institute is following the appraisal scheme suggested by AICTE viz. Performance Based Appraisal System (PBAS). In this scheme, the performance s are classified into three categories

1. Teaching, Learning and Evaluation related activities
2. Co-Curricular, Extension and Professional Development related activities
3. Research Publications and Academic Contributions
4. Feedback from Students

These are called Annual Performance Measurement Matrix. At the end of each academic year, the data pertaining to the above categories are collected from each faculty member in the proforma suggested by AICTE. Based on the data collected, Annual Performance Measurement Matrix scores are calculated for each of the four categories. The Principal in consultation with senior Professors fix certain minimum Annual Performance Measurement Matrix score to be achieved by the faculty members in the four categories. These scores are used for the award of career advancements to faculty members and for promotion to next higher position. Further, at the end of each semester, feedback forms are issued to the students for each of the courses attended by them. The feedback forms in the form of questionnaire collect information about the teacher and different aspects pertaining to the teaching process. A team consisting of the Head of the Department and Senior Professor in the Department goes through the feedback forms collected from the students and suggest suitable measures to improve the teaching-learning process. The institute undertakes a wide range of activities besides academics, for which faculty members are assigned additional duties and responsibilities, which are mostly voluntary. The Institute accords appropriate weightage for these contributions in their overall assessment. The appraisal proforma filled by the Faculty Member is checked and verified by the Heads of the Departments, followed by the IQAC and the Director.

File Description	Documents
Paste link for additional information	http://www.piet.poornima.org/public/documents/employee_form/Employees%20Service%20Rules%20Book%20%202019%20-20-converted.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

6.4.1 Institution conducts internal and external financial audits regularly Response:

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

The mechanisms used to monitor effective and efficient use of financial resources are as below:

- Before the commencement of every financial year, principal submits a proposal on budget allocation, by considering the recommendations made by the heads of all the departments & committees to the management.
- College budget includes recurring expenses such as salary, electricity, internet charges, maintenance cost, stationery, other consumable charges etc., and non - recurring expenses like lab equipment purchases, furniture and other development expenses.
- The expenses will be monitored by the accounts department as per the budget allocated by the management.
- The depreciation costs of various things purchased in the preceding years are also worked out.

Process of the internal audit: All vouchers are audited by an

internal financial committee on half yearly basis. The expenses incurred under different heads are thoroughly checked by verifying the quotations, purchase orders, bills and vouchers. If any discrepancy is found, the same is brought to the notice of the director/ principal. The same process is being followed for the every year.

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. The institution did not come across with any major audit objection during the preceding years. All these mechanisms exhibit the transparency being maintained in financial matters and adherence to financial discipline to avoid defalcation of funds or properties of the institution at all levels. The audited statement is duly signed by the authorities of the management and chartered accountant.

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

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

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

0

File Description	Documents
Annual statements of accounts	View File
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

Poornima Institute of Engineering and Technology is a self-financed institution where the funds are generated through the fees paid by the students. Deficit is managed by taking advance from the parent trust. Additional funding is obtained from efforts of faculty members through Research. These funds are utilized for the research and laboratory development as per the needs of the specific course and branch.

The institute has a well-defined mechanism to monitor effective and efficient utilization of available financial resources for the academic and infrastructural development. It maintains & follows a well-planned process for the mobilization of funds and resource. The process comprises of various committees of the institute, its Department Heads and Accounts Office. The Institute has formulated and implemented some specific rules for the efficient use of fund and optimum resource utilization to meet the academic and non-academic requirements.

- Institute adheres to Utilization of budget approved for academic expenses and administrative expenses by management.
- All the major financial decisions are taken by the Director and Accounts Department with Management of College under the plans and policies which are rigorously formed and executed.
- Mobilization of Funds, the student Tuition fee is a major source of income for the institute.
- Accordingly, all the administrative and academic heads are requested to submit the details of the budget required for the subsequent financial year. Along with this all coordinators of different cells viz., R& D Cell, Exam Cell, T&P Cell, etc. are instructed to submit their budget to Account Office.
- Various government and non-government agencies sponsor events like seminars and workshops.
- Alumni contribute to the institute by raising funds to purchase items like water coolers, wall clocks, etc.
- Sponsorships are sought from individuals and corporate for the organization of cultural events and fests.
- Financial audit is conducted by chartered accountant every financial year to verify the compliance and utilization of the funds and budget.
- Research funds are obtained from agency like AICTE, TEQIIP augment research & academic infrasound in audits.

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

6.5 - Internal Quality Assurance System

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

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

Internal Quality Assurance Cell (IQAC)

PIET attempts to chisel out the total quality process through a persistent focus on imparting quality education, through its innovative, comprehensive and flexible education policy. Its Internal Quality Assurance Cell (IQAC) carries out activities that encompass all aspects of the Institute's functioning. The IQAC at PIET was constituted on 12th November, 2018. Since then, it has been performing the following tasks on a regular basis:

- Improvement in quality of teaching and research by regular inputs to all concerned based on feedback from students.
- Providing inputs for best practices in administration for efficient resource utilization and better services to students and staff.
- Providing inputs for Academic and Administrative Audit and analysis of results for improvement in areas found weak.

Students and staff give their feedback and suggestions on teaching and administrative performance through the Suggestion through email to the Coordinator, IQAC.

The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in overall performance of the Institutions. The IQAC will make a significant and meaningful contribution in the post-accreditation phase of the Institution. During the post- accreditation period, the IQAC will channelize all efforts and measures of the Institution towards promoting its academic excellence.

The IQAC has immensely contributed in the implementation of quality assurance strategies and processes at all levels. The Institute IQAC regularly meets every three months. The Institute IQAC prepares, evaluates and recommends the following for approval by the relevant Institute and Govt. statutory authorities:

- Annual Quality Assurance Report (AQAR)
- Performance Based Appraisal System
- Stakeholder's feedback
- PIET has started conducting online classes on MS Teams due to COVID-19 by which the students can improve their academics. Individual attention is paid to the students to clarify their doubts in difficult subjects. More emphasis is given to solve the numerical problems and experts are invited for further acquisition of knowledge.
- The institution implements the process of collaborative learning to impart quality technical education to the students. It involves groups of students working together to solve a problem, completes a task, or creates a product. It is based on the idea that learning is a natural and social act in which the participants talk among themselves.
- Process Performance & Conformity
- Action Taken Reports
- New Programmes as per National Missions and Govt. Policies

Strategies of IQAC

1. Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks.
2. The relevance and quality of academic and research programmes.
3. Equitable access to and affordability of academic programmes for various sections of society.
4. Optimization and integration of modern methods of teaching and learning.
5. The credibility of evaluation procedures.
6. Ensuring the adequacy, maintenance and functioning of the support structure and services.
7. Research sharing and networking with other institutions in India and abroad.

File Description	Documents
Paste link for additional information	http://www.piet.poornima.org/public/naac/IQAC.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

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

Teaching- Learning reforms.

Implementation of teaching learning reforms by IQAC:-

Poornima Institute of Engineering and Technology has a well-designed methodology to operate teaching- learning process and its IQAC continuously reviews the same.

At the time of starting of a session, the institut Academic calendar is prepared by IQAC taking reference to that of published by Rajasthan Technical University and circulated among all stakeholders. As per the assigned load to faculty members, they prepared blown-up mapped with Course Outcomes. IQAC reviews the periodical course coverage, extra remedial classes at weekend, use of ICT facility by faculty members, conduction of doubt clearing classes, students attendance in each class, discipline in class room, conduction of lab experiments beyond syllabus learning, faculty punctuality in class room, conduction of quiz tests, in time with strict invigilation, assessment & publication of results of all internal tests in time, maintenance of course file by each faculty members, old questions & answers discussion in class room, solving of problems in class room, etc.. and submit the consolidated report to IQAC.

In addition to class room teaching, focusing on innovative and student centric learning; regular peer teaching, experiential learning, guest lecture, brainstorming by students for the problem assigned by teacher, use of virtual labs, industrial lecture, seminars, workshops, study tour, industry visits,

industrial projects, skill training, ICT learning are adopted , enrolment of students in NPTEL courses & other MOOCs , students are encouraged to refer e- journals and the same reviewed by IQAC through head of departments

On teaching learning process, regular feedback is collected from students and other stakeholders through online feedback system, meeting through class representatives, mentoring activity (each faculty is allotted with 15 students or less). The same feedbacks is analyzed and action is taken accordingly for achieving 100% student's satisfaction on teaching learning.

At the end of the semester examination, the result analysis is done department wise and the attainment of Course Outcome, Program Outcome & Program Specific Outcome is calculated and action taken on teaching- learning process to improve the attainment for next session.

Academic Calendar: Based on the RTU Academic Calendar the Institute schedules the academic calendar well in advance at the start of the every semester with ample time frame for not only the regular teaching-learning process but also to accommodate the various events like seminar/ guest lecture/ workshops/ FDP's/ Hands-on-series and many more.

Preparation of Blown-up and deployment for each Semester: The Blown-up and deployment are prepared by the faculty members for all the subjects they teach in that particular semester. Enriching the curriculum with guest lectures, industrial visits, and Internships

Daily lecture Record: Everyday faculty prepare and submit details of the lecture along with the topic covered on subject deployment file.

Evaluation of teachers by students: The institution has a feedback system to evaluate the teachers by students. The regular evaluation of the teachers by the students, feedback on teaching methodologies, course delivery, attitude, strengths and weaknesses, difficulties faced in the subject give a clear idea about the problems faced by the students. Director and HoDs also monitor the feedback system and takes appropriate corrective actions.

Student learning outcomes: The institute monitors the performance of the students regularly. It has specified procedure to collect

and analyse data on student learning outcomes; the following points are adopted by the institute in this context:

- Regular class tests and interactions
- Midterm and continuous evaluation comprising of internal tests, assignments, group discussions, and seminar presentations.
- Semester system of examination for all courses.
- Providing Question bank of various subjects to the students.
- Subject teacher providing Lecture notes to students
- Timely Redressal of students' grievances.
- At least 75% Attendance is compulsory in each semester.
- Extra classes for weak students to solve their problems.
- Organized Conferences, Seminars, Webinars, Online quizzes For fast.
- Organized industry interaction with experts.

Effective internal examination and evaluation systems: Institute maintains an effective internal examination and evaluation system.

Students' result analysis: Institute has the provision of analysis of students' performance after the announcement of their semester results. If the result of the students, in a subject, is not found up to the mark, necessary steps are taken to find out the reasons and the concerned faculty members are counselled and motivated to work towards improvement.

Faculty empowerment

Faculty members are encouraged to enroll NPTEL courses, refer e-journals, virtual labs, publications & other MOOCs. All faculty members are empowered through faculty training, counselling, internship at industry, providing research grants, faculty development programs organized at own college and also at other colleges, becoming members of different society, assistance towards publications & attending conferences, to undergo PhD, etc..

2. Annual Academic Audit.

As per the mission statement of our IQAC to ensure Quality Culture aimed at all round excellence in technical education; to enhance, update and for continuous improvement of the academics, every year IQAC conducts academic audit from external experts and

internally too.

In our internal academic audit, main emphasis is given on preparation of Lesson plan (Blown-up) at beginning of semester , Maintain Faculty diary and tracking of syllabus coverage for both theory & Practical, adherence to academic calendar , regular monitoring of students attendance & action taken for short attendance, departmental meetings with tutors, R&D activity, development of quality culture among faculty members & learning of new things in their area from best resources, status of reverse engineering study in core branches, implementation of value added courses, skill training to students, department library, students result analysis report, course file of faculty members, use of ICT facility by faculty members, lab experiments conducted beyond syllabus, availability of lab manual, quiz-surprise-assignment tests & its assessment results , extra classes for weak students, expert lectures by visiting faculty, lectures by industry experts, continuous evaluation of student projects & seminars, external expert involvement for examination, co-curricular activities as industrial visits-tech fest-etc, performance in GATE examination, students feedback on teaching - learning process, publications, faculty involvement in FDP and review of attainment of CO- PO- PSO.

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

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

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	http://www.piet.poornima.org/annual-report
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

PIET seeks to guide action on embedding gender equality into organizational. The institution promotes gender sensitization through co-curricular workshops, seminars, guest lectures, street plays, poster exhibitions, counselling etc.

The institution constituted the following committees Anti-Ragging, Sexual harassment prevention cell, Students' Disciplinary Committee, Women Welfare & SC /ST Students Welfare Committee, Safety & Disaster Management Committee and Mentoring Programme cares for the well-being of students and staff in the institution. The functions of these committees are displayed on the website of the institution and information is being disseminated to the students through orientation and induction programs.

The institution provides safety and security facilities for the staffs and students such as CCTV Surveillance throughout the campus and security arrangement. The institution has a dedicated Counselling Centre and good mentoring system for the students to take care of their academic, emotional, social and cognitive development. Personal Counselling is provided to the students at different levels. There are separate washroom facilities for girls and boys.

(a) Safety and Security

- Security checkpoints at all campus entries and exits.
- Extensive surveillance network with 144 CCTV cameras and

24x7 monitored control rooms.

- Rotational duty by all faculty members for discipline and security.
- The Proctorial Committee includes male and female proctors at institute as well as faculty level.
- Strict implementation of Anti-Ragging, Anti-Smoking Campus.
- Awareness campaigns on women safety and gender sensitivity through street plays (Nukkad Natak).
- Girl's hostel has female wardens who resides inside the hostel & security guards are deputed outside the hostels.
- Clinic available in campus.
- For any emergency, the helpline numbers are displayed throughout the campus

(b) Counseling

- Counseling male and female students for academic and other issues/problems by male and female faculties.
- Grievance Redressal Committees for staff and students.

(c) Common Rooms:

- Women grievance redressal Cell has been allocated in campus.

(d) Other Measures

Other measures of Gender Sensitization include -

- Women day celebration, teej celebration.
- Interaction between all department female staff and female student
- Co-curricular activities.

File Description	Documents
Annual gender sensitization action plan	http://www.piet.poornima.org/NAAC-AQAR/Criterion7/7.1/7.1.1/7.1.1-A.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://www.piet.poornima.org/NAAC-AQAR/Criterion7/7.1/7.1.1/Geo-Tag%20Photos%207.1.1%20updated%20on%2022.1.22.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

B. Any 3 of the above

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

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

PIET Institute facilitates several techniques for the management of degradable and non-degradable waste.

Institute organized workshops, Training programme and celebrate environment day for implement effectively. It was stressed that we should avoid plastic items to the best possible capacity.

For solid waste management different bins have been placed in campus. This ensures that solid waste segregated at the source.

For biomedical waste there is a classification of the waste in different bins. Since, PIET institute has a primary clinic therefore, the waste like plastic disposables, liquid waste and other things are again segregated then collected and kept in a storage then transported and finally sent for the treatment of the disposal.

PIE has organized Swach Bharat Mission. Under this banner the utility of recycling the solid and biomedical waste has been elaborated

There are different types of wastes disposed in the college for which there is a proper system functioning. The following wastes are being disposed by the college:

Solid Waste Management-

- PIET Institute has a place on its campus where the solid wastes materials are collect. Waste like plastic, metals, glass, cardboard, newspaper and stationery are systematically collected. It is to be noticed that there is Swach Bharat program of the Indian government that comprises of the concept of solid waste management. Keeping this in view, the college also manages its solid waste management system.
- Students are encouraged to use waste paper and newspaper in creative practices during various extracurricular activities.
- Waste food and leftover of mess and cafeteria is taken away by staff for hog feeding.

Liquid Waste Management- The waste water is carried out through pipeline Liquid waste released from hostel, mess and cafeteria reaches to Sewage Treatment Plant through drainage by pumps. For garbage collection, PIET has an MOU with a vendor to collect all non disposed waste from the campus.

Biomedical waste management: - No untreated biomedical waste is stored for more than 48 hours. Not mixed with biomedical waste with other waste. The waste is collected in the trash bin or sharps bin. Plastic bags are collected, labeled and properly tied in a manner. which does not allow any leakage or spillage.

E-waste Management- E- Waste generated from various departments of the campus is collected at one place and it is transferred to the designated vendors whenever required.

Hazardous chemicals and radioactive waste management-As of now PIET does not have any source of generation of hazardous chemicals and radioactive waste in the campus.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	http://www.piet.poornima.org/NAAC-AQAR/Criterion7/7.1/7.1.3/2.%20SWM.pdf
Any other relevant information	View File

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

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 with trees and plants**

A. Any 4 or All of the above

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

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the

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	No File Uploaded
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**

A. Any 4 or all 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	No File Uploaded

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).

PIET believes in unity in diversity that's why all the faculties and students respect the different religion, language and culture. PIET is second home for all faculty member & Students. They greet and wish each other at different festivals and invite them to have a feast to get introduced with ones culture to have amicable relations and to maintain the religious, social and communal harmony. Similarly students also celebrate the different festivals with joy and enthusiasm which help them to implant the social and religious harmony.

The diversity in India is unique. Being a large country with large population. India presents endless varieties of physical features and cultural patterns. To represent our Indian culture, PIET organize a traditional dress competition and fashion show. In this competition students wore the different attire representing the different states, religions and cultures. Through this activity students get acquainted with the different culture of our nation and help to develop the tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. This also creates the inclusive environment in the college and society.

- PIET organize orientation programme to provide the new students with concise and accurate information and to promote communication between students and teachers.
- PIET celebrate various cultural programmes and bring the students to closer to each other's in a friendly atmosphere and to encourage their creative impulses to boost their confidence.
- The PIET organize workshops and Social awareness programme and celebrate the important days, science day, world environment day, Constitution day, women's day, National Girl Day, yoga day etc.
- PIET organize Motivational lectures by experienced faculties of the field are arranged for all-round development of the students for their personality development and to make them responsible citizens following the national values of social and communal harmony and national integration.
- The PIET has their own well organized Student council which consists of 12 clubs. The main motive of the student council is to promote the student welfare activities which enhance their overall personality.
- Each and every year we were celebrating the big events like annual function "Aarohan" and "Fresher party" of college in

an enthusiastic way, but since 2020 we weren't able to celebrate these events.

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

PIET institution sensitizes the students and the employees to the constitutional obligations about values, rights, duties and responsibilities and constantly works upon to nurture them as better citizens of the country through various curricular and extra-curricular activities.

The institution takes many initiatives like conducting awareness campaigns, organizing orientation programmes, training programmes, seminars and workshops to sensitize the future leaders to inherit human values coping with the constitutional obligations. Ethical Values, rights, duties and responsibilities of citizens are some of the topics that are enlisted in Elocution/ Debates activities. The institution has strived forward with great effort to increase the level of awareness and appropriate practices amongst the students in the following areas: Fundamental Duties and Rights of Indian Citizens: The Faculty of Geography and History has organized various academic and co-curricular activities for the propagation of the fundamental duties and rights of the Indian citizens.

Celebration of National Days: Every year Institute celebrates Republic Day, and Independence day on January 26, August 15 respectively. The celebration is attended by Students, Teaching and Non-teaching Staff, Invitees, guests and any attendees. Flag hosting with National anthem and oath of national integrity followed by distribution of sweets is the regular decorum of the programme.

Importance of Universal Human Values: It is necessary to have basic values and philosophies in place that will make our Student responsible citizens in the future. PIET understand the

importance of teaching beyond the syllabus. Keeping these points in regular working, our institute conducted many activities and lectures on Human Values and Ethics.

Constitution day: Constitution Day is celebrated on 26th November every year. The programme initiates with Preamble reading of the constitution followed by lectures on the sensitization of students on responsibility towards the constitutional values, rights, duties and responsibilities of citizens.

Gandhi Jayanti: This day is celebrated every year on 2nd October to understand the ideology of our great leader Mahatma Gandhi in which pledges is taken by the students and staff. In today's time we inspire the students of our institution to follow Gandhian ideologies of truth and non-violence and motivate them to contribute to the peace and prosperity of the nation.

PIET has conducted many activities and lectures on Human Values & Ethics to sensitize the students, faculty members and staff members for the constitution obligations.

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

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

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

PIET celebrates national and international days and occasions. National and international functions play an important role in sowing the seeds of nationalism and patriotism among the individuals of India. PIET appreciates these opportunities with extraordinary enthusiasm to remember the philosophies of patriotism and honour our incredible national leaders. The faculty, staff and students of the PIET institute all come together under one umbrella to celebrate these occasions and spread the message of unity, peace, love and happiness 1. Republic day- PIET celebrates Republic Day every year on 26 January, to commemorate the adoption of the Indian Constitution and spread the message that India is the largest democratic country in the world. It is a day to remind the students about the Constitution of the country and the need to follow it at all times. 2. Independence Day is celebrated every year on 15th August, parades and flag hoisting are organized and celebrated to mark India's independence from British rule. The institution encourages students to remember our national leaders and their sacrifices. 3. Gandhi Jayanti is celebrated every year on 2nd October to understand the ideology of our great leader Mahatma Gandhi in which pledges are taken by the students and staff. In today's time we inspire the students of our institution to follow Gandhian ideologies of truth and non-violence and motivate them to contribute to the peace and prosperity of the nation. 4. International Yoga Day PIET organized yoga camp in campus to make everyone aware that how yoga symbolizes the unity of mind and body, thought and action and fulfilment. 5. National Science day PIET celebrate National Science Day to spread a message about the importance of science used in the daily life of the Students. . 6. World Environment day PIET has organized a one day workshop to celebrate World Environment Day 7. Vishwakarma Jayanti also known

as Vishwakarma Puja all PIET faculty members and students celebrate this day and pray for a better future. 8. Women's Day The purpose of the program is to express great gratitude to womanhood and to inspire & motivate them to work for the betterment of their own life. 9. National Girl Day National Girl Child Day is commemorated in India on January 24 every year, with the aim to promote girls' empowerment and fulfillment of their rights. 10. National Youth Day PIET celebrates this auspicious day, In the Memories of Swami Vivekananda

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 Case 1

1. Title of the Practice:

Faculty, staff & Student Reward & Motivation Scheme

2.Objectives of the practice:

This scheme was launched for smooth running of the college functioning and to improve the academic performance standard of the institute. The scheme encourages faculty and students to contribute in a positive and competitive environment for the betterment of academic and non-academic activities

3.The context:

While preparing for a global career, students should strive to acquire global competencies and innovative skills in their undergraduate studies with the best academic results. PIET has always been known to maintain its quality in academics and has always provided a platform to all the faculty members, staff and

students by which they can enhance their skills in multiple directions.

1. **The Practice:** In Indian higher education system, the teaching faculty members serve as an asset to the institute and their role makes it possible for the organisation to lead towards the growth and development. It applies to both the faculty members and students so that they may work hard for the achievement of desired goals.
 - o **Transmission and Protective Measures under Pandemic of Covid-19:** Preparing for a global career, students should strive to acquire global competencies and innovative skills in their undergraduate studies with the best academic results during pandemic of Covid-19. Institute have increased the number of buses to maintain the social distancing and distributed the safety accessories like masks, sanitizers etc. Institute organized awareness session for protection of Covid-19. Institute provided internet allowance for smooth running of regular theory classes and practical classes during online mode of academics. The institute also provided various facilities regarding online study platform (Zoom, MS-teams, Meet etc.) to the faculty members and other staff members. Management also provided Glass board system for taking virtual classes for better academic understanding.

Technical Publication Incentive Scheme: The Management of Poornima provides "Technical Publications Incentive Scheme" for faculty members. Under this scheme the publications must be related to broad academic disciplines relevant to subjects being taught by the faculty member or other area relevant areas. All papers are published renowned journals of Scopus Indexed, Springer, UGC care journals etc.

Participation in Conference/Seminar/Workshop/Training/Symposia: Management of Poornima is pleased to allow faculty members for participation in conference/ seminar/ workshop/ trainings/ symposia etc. The guidelines are aimed to provide opportunity to all Faculty & Staff members to interact at international and national level for the overall growth of individual and of Institute.

Welfare Schemes: In spite of all such facilities, we also provide welfare schemes like Transportation, Dress Code, Subsidized Accommodation, Group Insurance Scheme, Travel Grant etc.

5. Evidences of success:

After launching the incentive scheme for awarding students and faculty members, results are witnessed as 5-6% improvement as compared to previous results and university result. This leads further to retain the faculty members and balance the quality ratio. By such motivational schemes, our students always prove their excellence in academics, sports and technical events at national and international platform.

6. Problems Encountered and Resources Required:

Participation of individual faculty and students would strengthen the interaction with wide spectrum of industries and academics in a prearranged manner. For implementing this practice, Institute provided funding, travelling allowances etc. to be in association with the industries. Each and every year we were trying to do many practices in college in an enthusiastic way, but since 2020 we weren't able to do some practices in offline mode due to Pandemic situation as Covid changed the way of normal life of functioning.

Best Practice Case-2

1. Title of the practice

Project Oriented Labs & Non syllabus Projects

2. Objectives of the practice

To Gain hands on practice: With the advent of informational society, the integration of technology and practical knowledge in education has aroused the dire need to promote it among the engineering students. The overall objective of engineering can be explored with practical experiences or hands on practice of real world and its issues related to what they create.

To Focus on Problem Solving at Society level: This is absolutely necessary as engineering is all about creating something, which has societal benefits. Unless you know the society and its challenges, how anyone can you produce something that's required?

To spotlight on Real World problem: To prepare the students to solve/work on the real world/practical/theoretical problems involving concept of science and engineering. The overall objective of engineering can be possible if engineering students

are not taught practical experiences of real world and its issues related to what they create.

1. The Context- Developing and maintaining undergraduate research programs benefits students, faculty mentors, and the institute. Incorporating a research component along with projects enables students to develop independent critical thinking skills along with oral and written communication skills. The research process impacts valuable learning objectives that have lasting influence as undergraduates prepare for professional service. Every student in turn of this NSP program benefits from presentations and publications that serve to increase visibility in the scientific community. Whether projects are derived through student-generated or mentor-generated means, students benefit from completion of exposure to the hypothesis-driven scientific method.

1. The Practice

Project Oriented Lab (R & D lab): We have one Non Syllabus Project lab session in every semester which is 100% project oriented lab. In this lab, credit is given to the student only when he or she is able to convert his idea into a workable project. It is the responsibility of the concerned Faculty/Course Coordinator to monitor the performance of the students in that laboratory on a weekly basis and provide regular feedback for the same

- Hackathon: Poornima Hackathon 2021 was organized by PIET which was sponsored by Rajasthan Technical University under the scheme of TEQIP III. The theme of Poornima Hackathon 2021 was "Role of Engineers in Innovation and Technological Advancement for village upliftment". The event played a vital role in harnessing creativity, fuelling imagination and funneling for self-reliant India, improving governance and empowering citizens. A Hackathon at Poornima provides an opportunity to create functioning the software or hardware by the end of the event. Poornima Hackathon was continued from several hours to three days giving the participants a chance to interact, to learn and to recreate among the intellectuals. Some of the benefits of Poornima Hackathon were observed as follows:
- Provides exposure to real world challenges and opportunities to work on them

- Experience of Industrial mentorship
 - An Opportunity to interact and learn
 - Opportunity to implement the projects for the sake of launching in market scenario
 - Facilitates the benchmarking in execution and planning within team members.
- Startup Cell (Institute Innovation Council): PIET has established a startup cell with the name as Institute Innovation Council. The Institute Innovation council is registered with the Ministry of Education's Innovation Cell approved by AICTE and MHRD. Startup Cell's major role is to engage large number of faculty, students and staff in various innovation and entrepreneurship related activities such as ideation, Problem solving, Proof of Concept development, Design Thinking, IPR, project handling and management at Pre-incubation/Incubation stage, etc., so that innovation and entrepreneurship ecosystem gets established and stabilized in HEIs. The Startup Cell model is designed to address the existing challenges/issues in HEIs such as less numbers, occasional and unplanned Innovation & Entrepreneurship (I&E) activities organized in HEIs with low involvement of top leadership, lack of coherence and absence of synergy in resource mobilization, deployment and underutilization of creative potential of youths as major barrier for vibrant I&E ecosystem to emerge from HEIs.

Major Focus of Startup Cell

- To create a vibrant local innovation ecosystem.
- Start-up/ entrepreneurship supporting Mechanism in HEIs.
- Prepare institute for Atal Ranking of Institutions on Innovation Achievements Framewor (ARIIA).
- Establish a Function Ecosystem for Scouting Ideas and Pre-incubation of Ideas.
- Develop better Cognitive Ability amongst Technology Students.

Functions of Startup Cell

- To conduct various innovation and entrepreneurship-related activities prescribed by Central MIC in time bounded fashion.
- Identify and reward innovations and share success stories.
- Organize periodic workshops/ seminars/ interactions with

entrepreneurs, investors, professionals and create a mentor pool for student innovators.

- Network with peers and national entrepreneurship development organizations.
- Create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and students.
- Organize Hackathons, idea competition, mini-challenges etc with the involvement of industries.

Toyathon: Poornima Toyathon 2020-21 aimed a unique opportunity for Students, Teachers, Start-ups and Toy experts/professionals in India to submit their innovative toys/games concepts and win a large number of prizes worth Rs. 50 lakhs. It was to bring together all the junior level, senior level and start up professional level. Toyathon is being organized to develop India as the global toy manufacturing hub. The launch of Toyathon today is an endeavour by the government to create an ecosystem for the domestic toy industry and the local manufacturers, tapping the untapped resources and utilizing their potential. Approx. 30 Registrations are allotted to our Centre from which 12 are digital and rest of them are physical. Registrations were received from cities like Rajasthan, Madhya Pradesh, Telangana etc. out of which 50% registrations were from out of Rajasthan, 30% registrations were from out of Rajasthan. PIET glad to inform that 12 digital teams are reported for this event. The Event was organized on Microsoft team Platform. On 22 June, 2021 the inauguration ceremony took place in which Mr. Kunj Tiwari was the Chief Guest and Mr. Lokesh Sharma was the guest of honour. They all had motivated all participants with their words. For Evaluations, PIET has conducted four rounds; every round has mentoring and elimination rounds. Total 12 teams were evaluated in four rounds. some important point of Toyathon:

- Toy/Games concepts based on Indian civilization, heritage, culture, mythology, history, Ethos, technology, ethnicity, national heroes and important events,
- Inculcate positive behaviour and good values ('Sanskaar')
- Toys for specially-abled/ Divyanga children
- Boosting physical and mental fitness, Using eco-friendly, and recycled material
- Focus on promoting Vedic Mathematics
- Encouraging national unity and respecting the cultural diversity.
- Supporting missions like Swachh Bharat, Beti Bachao Beti

Padhao, Environment Conservation, Climate Change, Digital India, Skill India, Ek Bharat Shrestha Bharat.

- Rediscovering/redesigning traditional Indian toys
- Toys for pedagogy (for teaching students 'difficult concepts in Math, Science, Languages, Social Sciences, etc.)
- Design should confine to basic toy guidelines issued by Govt. of India.
- Project Exhibition: It is an important event of PIET to create awareness about the contemporary technological landscape. Online Project display was organized at PIET in which students presented their technical projects and models to know about their application.

5. Evidences of success:

- Quality publication in Scopus Journal, Springer, UGC care journals etc.
- Even few IPR have been registered and every year 5-6 Entrepreneurs are also being evolved.

6. Problems encountered and resources required:

Developing projects enhance the skills of our students, but the need for innovative project on the latest technologies and industry support to provide key issues needs to be addressed. The innovation of the students has earned the institute many IPRs, but the gap is huge. Developing projects enhance the skills of our students, but the need for innovative project on the latest technologies and industry support to provide key issues needs to be addressed. Infrastructure scaling is also a major factor with the latest developing technologies. The process of setting both short term and long term goals for a project needs to be efficient and well thought out. New technology will often need to be employed to maintain the unique nature of projects.

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

7.3 - Institutional Distinctiveness

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

within 200 words

INDUSTRY ACADEMIA INTERFACE FOR SKILL DEVELOPMENT OF FACULTY & STUDENTS

Poornima Institute of Engineering & Technology with dedication, devotion and perseverance has set the benchmark and scaled new heights of education. Our quality education initiatives and student-centric approaches have been recognized and recognized by various government bodies. We have gained appreciation in terms of outcome-based learning, research work, teaching-learning process, teacher competence and placement efforts. PIET takes forward its extraordinary journey with the motto that success is not a destination, it is a journey. It was not that easy to achieve as it required many humble continuous efforts by the teachers and students of Poornima family. PIET has ensured to provide quality education in both IT and basic sectors. PIET believes that better connectivity between technical institutions and industry is the need of the hour. This will greatly affect the engineering curriculum, exposure of engineering students to the industrial environment and subsequent placement of young graduate engineers in industries across the country. With the advent of globalization in the outside world, the competition among industries has become tough. Similarly, there is a need to prepare the engineering students for jobs in multinational companies, make them aware of new engineering techniques and methodologies as well as foster and nurture the entrepreneurial spirit of the students so that they become job seekers rather than job seekers. Become a job creator. These goals can be achieved only by bridging the gap between industry and academia. Linking up with industry academia is an innovative solution to bridge the gap between job requirements and the training provided in educational institutions. It has short term and long term benefits. Keeping this in mind, PIET has established collaborations with various industries. This collaboration promises to not only dramatically improve student employability, but also pave the way for fostering "innovative" learning like never before. Building on its exemplary history of helping students meet the challenges of the future, PIET has partnered with these companies to take industry-ready human resources to the next level. Practice Measures in 2020-21: •Platinum Rating From CII, Rajasthan Chapter •Periodical Faculty Development Program in collaboration with Industry partners •Circulation of ICTACT Journals - an International publication at FREE of cost •Complementary copies of ICT Connect Magazine •Preparing and updating Industdfrry relevant content •Access to ICT Academy

Online learning portal ·Provision of platform at National level for Industry-Institute interactions ·ICT Academy has provided online platform for faculty members and students to attend various Conferences & Conclave on latest issues. ·13 Skill edge Technical Courses completed by 140 students in 5 industry partners ·Three Faculty Members Have Attended Degree Level Executive Programmes By Industries ·Like Silver Touch Technologies Ltd, Hiresun Energy Private Limited, And For S K Technologies Etc. ·Almost 40 Faculty Members Are Linked to Industry at Various Discipline of Degree Level. ·Five Faculty Patents leading to Industry Products in Computer & IT Engineering along with Allied and Electrical Engineering with Allied Discipline of Degree Level. ·Almost 48 companies have visited our campus for campus recruitment in 2020-21 even after the drastic circumstances of pandemic of Covid-19 ·181 students have been placed in different renowned companies with average package of 3.7 lac per annum. 15 students have selected higher studies for MBA and other higher studies of Master's program. Practice Measures in 2019-20:

- Gold rating from CII, Rajasthan Chapter
- Three faculty members have attended degree level Executive Programmes by industries like SILVER TOUCH TECHNOLOGIES LTD, HIRESUN ENERGY PRIVATE LIMITED, FORSK TECHNOLOGIES etc.
- Faculty member authored to Industry like SILICON INDIA in Computer & IT Engineering and Allied at degree level.
- Almost 40 faculty members are linked to Industry at various discipline of Degree level.
- Five Faculty Patents leading to industry products in Computer & IT Engineering and Allied and Electrical Engineering and Allied discipline of degree level.
- Faculty members are also associated to provide Training to Industry persons.
- 25 Faculty members have been trained by industry like DVS WEB INFOTECH PVT LTD, CELEBAL INDIA SOLUTIONS PRIVATE LIMITED, RED HAT ACADEMY, B L KASHYAP & SONS LIMITED, WONDER CEMENT LIMITED (RAJASTHAN)
- Around 40 Guest Lectures have been conducted by renowned experts from various industries on technical topics.
- Our infrastructure is shared with different industries with the objective of knowledge exchange programme e.g. IBM, RED HAT Academy, Oracle, FACE Academy etc.
- 128 renowned companies have visited our campus for placement and offered a package of 1.2 lac to 12 lac per annum.

- Faculty members provided Consultancy & Advisory Service (Research & Consultation Project) to companies on various current issues of environment, corrosion, soil analysis, multi storey building, assignment portals etc.
- Our students visited 18 industries of private and government sector to update themselves with the current technical advancement of industry as per the need of society.
- Our students got opportunity from 280 companies for summer internship from private and government sectors.
- PIET also got opportunity to have 20 Visiting Faculty from various Industries for sharing knowledge about current technological encroachment.

Practice Measures/Collaborations in 2018-19:

- Regular Industrial Visit
- Expert Lecture from Industry
- Poornima Business Incubation Centre
- To arrange Workshop/Seminars in collaboration with Industry
- Professional development classes by FACE/CRT
- Collaboration with Red Hat, IBM etc
- Industry oriented technical training

Our Industry partners are

Arkle Consultancy Pvt. LTD.

Consultancy Projects

IBM INDIA PVT LTD

IBM Application development and deployment using

Blue mix Blue MIX

IBM INDIA PVT LTD

IBM COGNOS BI,

Focus Academy for career

Enhancement

CRT programme

Bennett University, Greater Noida, UP

faculty training on Deep Learning, Machine Learning
and Artificial intelligence

MHRD

Institution Innovation Cell

IBM INDIA PVT LTD

IOT application and deployment using Blue mix

RAD HAT Academy

RAT HAT Academy Program

Oracle Academy

Software Update License & Support

RAPID OPS SOLUTIONS PVT.

LTD'

Industry Academia bridging Activities

YOUNIFY APPLICATIONS

PRIVATE LIMITED

Radio service in Campus

Coding Ninjas

Industry Academia bridging Activities

- Regular Industrial Visit of students as well as faculty members.
- Expert Lecture from Industry

- Poornima Business Incubation Centre
- To arrange Workshop/Seminars in collaboration with Industry
- Professional development classes by FACE/CRT
- Participation of experts from industry in curriculum development. (Governing Council
- Professional consultancy by the faculty to industries.
- Joint research programmes and field studies by faculty and people from industries.
- Memoranda of Understanding between the Institute and industries to bring the two sides emotionally and strategically closer.
- R&D Laboratories technically sponsored by industries at the Institute.
- Practical training of students in industries.

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

7.3.2 - Plan of action for the next academic year

- To Prepare of institutional Academic Calendar for 2021-22 keeping in the view of guidelines issued from Central/State Government for COVID-19 along with following the Academic Calendar of Rajasthan Technical University, Kota and adhering to the same with continuous monitoring & follow-up
- As per guideline for COVID-19, adaptation of revised institutional policies adapting ICT Practices, in teaching and assessment, faculty empowerment, student placements & training etc. and communication/ dissemination of the same to stakeholder concern like Faculty members, Staff members, Students as well as parents.
- To enhance of quality of teaching learning process, Institute will focus on ICT enabled classes and new teaching pedagogies merged with digital platform.
- To enhance quality & quantity of placements & entrepreneurship of students' with better packages & most MNC's & Navratana Companies
- To improve role of Industry Institute Interaction in regular teaching and learning process & skill development of students.
- To increase the quality of teachers with more percentage of Ph.D. faculty members in all the departments/disciplines with high research aptitude.

- The Institution will attempt to apply and receive research proposals grants from various funding agencies (Govt. and non- government like DST, AICTE, UKERI etc).
- Value added courses of high impact on employ-ability and skill development will be offered to all students as per need of Industry dynamics.
- More efforts and resources would be provided to have higher success rate in competitive exams and higher education enrolment.
- The Institution will put more efforts on Innovation by conducting more IPR activities and publish more number of patents & copyrights.
- Encouraging and motivating faculty members to get involved in research and consultancy.
- Improvement in Communication skills of students through peer learning strategy, bridge courses and career counselling sessions.
- All faculty members shall publish at least two research papers in SCOPUS Indexed Journal, SCI Indexed Journals and UGC care Journals in coming years.
- Achieving ISO Certification of the Institution
- Organising more collaborative activities with International & National Institutes/Industries both on latest research paradigms & Quality improvement
- More focus on faculty empowerment, by peer learning, participation, conduction of FDP's/Workshops etc.
- More efforts on sustainable environmental practices like Solar Energy, Waste Management etc.
- Increasing Alumni Interaction and contribution to enrich the students with latest Industry demands.