



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution		PET ENGINEERING COLLEGE
• Name of the Head of the institution	Dr.K.Madhan Kumar	
• Designation	Professor	
• Does the institution function from its own campus?	Yes	
• Phone no./Alternate phone no.	04637222346	
• Mobile no	9787176967	
• Registered e-mail	naac@petengg.ac.in	
• Alternate e-mail	principal@petengg.ac.in	
• Address	6,Tiruchendur Road , Tirunelveli District	
• City/Town	Vallioor	
• State/UT	Tamilnadu	
• Pin Code	627117	
2.Institutional status		
• Affiliated /Constituent	Affiliated	
• Type of Institution	Co-education	
• Location	Rural	

• Financial Status	Self-financing				
• Name of the Affiliating University	Anna University Affiliation				
• Name of the IQAC Coordinator	Mrs.C.Rekha				
• Phone No.	04637220999				
• Alternate phone No.	04637222346				
• Mobile	9629255749				
• IQAC e-mail address	naac@petengg.ac.in				
• Alternate Email address	ece.rekha@petengg.ac.in				
3.Website address (Web link of the AQAR (Previous Academic Year))	www.petengg.ac.in				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	http://www.petengg.ac.in/pdfs/Academic%20Calendar%202021%2022.pdf				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.75	2022	17/05/2022	17/05/2027
6.Date of Establishment of IQAC			26/06/2015		
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
Nil	Nil	Nil	Nil	Nil	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of IQAC			View File		

9.No. of IQAC meetings held during the year	2	
<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 	No File Uploaded	
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 		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
* Minimum Scoring method to improve academic performance of students especially slow learners * PO-CO attainment in new format to measure the values of attained subjects		
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	
Minimum Scoring Method-Faculty are advised to concentrate on important topics(Repeated University Questions) in each unit of a subject to attain the slow learners to get pass mark	Pass percentage increased 100% for higher semester	
13.Whether the AQAR was placed before statutory body?	No	
<ul style="list-style-type: none"> Name of the statutory body 		
Name	Date of meeting(s)	
Nil	Nil	
14.Whether institutional data submitted to AISHE		

Year	Date of Submission
2022	25/03/2022

15.Multidisciplinary / interdisciplinary**16.Academic bank of credits (ABC):****17.Skill development:****18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)****19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):****20.Distance education/online education:****Extended Profile****1.Programme**

1.1 Number of courses offered by the institution across all programs during the year	9
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File Description	Documents
Data Template	View File

2.Student

2.1 Number of students during the year	856
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File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	323
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
File Description	Documents
Data Template	View File
2.3	257
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	View File
3.Academic	
3.1	94
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	87
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	40
Total number of Classrooms and Seminar halls	
4.2	209.17
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	458
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 institution develops an academic schedule based on the university calendar.

Allocation of the subjects to the faculty is done based on qualification, area of specialization, experience, and willingness.

Course files are prepared and maintained by the faculty as per ISO guidelines.

Each department has a set of framed objectives for its curriculum and has deployed various mechanisms to ensure (Department Advisory Committee and Direct and Indirect Assessments) the achievement of objectives.

To enrich the knowledge of students, faculty members adopt various practices such as case study, role play, crossword puzzles, quiz, field trip, etc. apart from the regular / traditional chalk and talk methods with modern teaching facilities.

Once a semester, students submit feedback to enhance the teaching-learning process.

Guest Lectures, Industrial Visits, Workshops, Value-Added Courses, Internships, Innovative Projects, Conferences, and other activities are used to keep students up to date.

Mentoring students on academic and personal issues will create a better learning atmosphere and sustain their performance.

Three times a semester, Class Committee and Course Committee meetings were scheduled to improve the teaching-learning process, students' academic success, any grievances, and suitable remedial actions.

For each laboratory class, lab manuals are available to the students.

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)

PETEC is following the academic calendar framed by institution in line with the academic schedule released by the Anna University with three Internal Assessment Tests, University Lab Examination and End Semester Examination.

This calendar is circulated to students every year and also a soft copy is available in the college website.

This allows the students to prepare well before the assessments and faculties can complete the portions for assessments. It will be monitored through class committee meetings.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://accr.petengg.ac.in/naac/NAAC/Criteria%20Curricular%20Aspects/Cr%201.1%20Curricular%20Planning%20and%20Implementation/Cr%201.1.2%20The%20Institution%20Adheres%20to%20the%20Academic%20Calendar/2021-22%20AC%20and%20Scheudule.pdf

1.1.3 - Teachers of the Institution participate in C. Any 2 of the above following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.
Academic council/BoS of Affiliating University
Setting of question papers for UG/PG programs
Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
Assessment /evaluation process of the affiliating University

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

1.2 - Academic Flexibility

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

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

9

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	No File Uploaded
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

590

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

Boys and girls are given equal preference in all aspects such as Admission, Curricular, Co-curricular, Extra-curricular and Training & Placement activities. Responsibilities are assigned to the students irrespective of the gender. This will help the students to show mutual respect with opposite gender.

Course like "Professional Ethics and Human Values" and "Professional Ethics in Engineering" is offered as Subject to the students. This enables the students to learn human values, global issues, moral leadership, code of conduct and loyalty.

In view of Social development activities like working in NGOs, organizing blood donation camps, health check-up camps, hygiene and health workshops, environment awareness camps, cleanliness drive, workshops on social issues, public health, gender issues etc. All the activities of are executed and monitored by faculty in-charges through NSS and YRC.

Our institution is a green campus, focuses on energy efficiency by preserving natural resources for healthy living and a good learning environment. Rainwater harvesting system is implemented to recharge the groundwater by collecting the rainwater from catchment areas like building's rooftops.

Students learn several compulsory courses on Environmental Science and Engineering to address the environment and sustainability issues.

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

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

94

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	View File

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

288

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

A. All of the above

Teachers Employers Alumni

File Description	Documents
URL for stakeholder feedback report	https://petengg.ac.in/feedback.php?bWtseVcyMDBKeUNYajBRTFlmTytOUT09
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	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	https://petengg.ac.in/feedback.php?d2w0L3lVc1RZOUkxWVZFK2ZjVTNPdz09

TEACHING-LEARNING AND EVALUATION**2.1 - Student Enrollment and Profile****2.1.1 - Enrolment Number Number of students admitted during the year****2.1.1.1 - Number of students admitted during the year**

353

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**

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

Advanced learners are continuously encouraged to strive for higher goals by providing them additional inputs for better career planning and growth like:

- Identifying the emerging technical areas and organize various events related to those areas. Special Coaching is imparted regarding paper publications and scope for higher studies in relevant areas
- Encouraging them to participate in classroom seminars, group discussions, technical quizzes etc. for developing analytical, problem solving and presentation skills.
- Motivating to access latest online journals, reference materials which helps them to understand the emerging trends in their field of study.
- Encouraging the students to publish their project papers in International Journals and conferences.

SLOW LEARNERS

- Slow learners are identified after observing their performance in previous university exams and in class tests. After first IAT, failures in any subjects are considered as slow learners..
- One faculty member is assigned as mentor for every 14 students(depends upon strength of class). The faculty mentor assesses the nature of their problem. Students with psychological/emotional problems are also motivated in a friendly way to reach their academic goals.
- Remedial classes are organized to clarify doubts, repetitive discussion critical topics are conducted for better understanding of critical topics for improving.

File Description	Documents
Paste link for additional information	https://docs.google.com/spreadsheets/d/1tLgwX435Tekpv8TDJivjY5W8e4chMLQ48unK80NRsvA/edit#gid=1382119133
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
856	94

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

Experiential Learning:

- The faculty members promote learning by engaging the learners in rich content of teaching through experience, teaching through demonstration, videos, project development, and student seminar presentation.
- The faculty members make learning interactive with learners by encouraging learners to partake in subject quizzes, discussion and questions and answers on related subjects.
- Students are allowed for Industrial visit for all the years separately to enhance their practical knowledge in current technologies adopted in Industries.

Participative Learning:

- Workshops are conducted for the students to shape their career and nurture their knowledge from the fundamentals of their subjects to the essential requirement skills for the company.
- Students chapters like IETE, REC, Science club inauguration and activities are conducted every year to bring out the hidden talents of students by conducting various events like Best manager, Quiz, Connections, Paper presentation etc.

Problem solving methodologies:

- Students are encouraged to participate in programming contest, software debugging, and circuit debugging etc which are conducted inside and outside the college.
- Aptitude and Programming training are given to the students for enhancing their numerical ability and software skills for performing better in the interview during placement.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://docs.google.com/spreadsheets/d/1mVcfWODn0r6HUt5rJtdb74bYrCbqc4xYAuth-VVbVYM/edit#gid=1611895683

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

ICT Enabled Teaching:

- ICT enabled teaching incorporates class rooms with projector, Smart Class rooms, E-learning materials, etc. The institution adopts an up-to -the-minute updation of knowledge in tune with up and coming trends to develop the teaching-learning process using use of LCD projectors for Classes, Webinar, Seminars and workshops.
- Online classes are conducted through Google classroom app. The performance of the students is evaluated through Quiz, Assignments, Tests conducted through the mentioned app. E-materials are posted by all the faculty for the subjects of handled by them and it is accessible to the students.
- Multiple choice questions type test are conducted through Google forms. Once the students take their test marks are also viewed by them.

E-Resources:

E-resources like National Digital Library, memberships like DELNET, Library e-journals from Science Direct, IEEE are provided to

students to improve their learning experience. The college has broadband internet facility to support the students for enhancing their knowledge for preparing papers for journals and updating themselves to gain knowledge about recent technologies.

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

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

2.3.3.1 - Number of mentors

80

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

94

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

9

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

6 years 2 months

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 HoD/Senior faculty verify the pattern, quality and correctness of the question papers prepared for the unit tests and ensure that the question papers are sent to the examination hall in time, the answer papers are valued and handed over to the students within three days from the conduct of the examination and marks are entered in the INSPRO PLUS software. Student's Performance and Subject Analysis for each IAT's are submitted to the Principal for analyzing the Academic strength of students.

An examination committee is constituted every year to coordinate external examination activities and communicate to the students, teachers and administrative staff regarding examinations. Also department wise internal examination activities are conducted by

concerned departments for their students ensuring proper seating arrangement, students IAT attendance, question paper distribution, answer paper collection etc. For effective understanding of the evaluation process, the faculty members give class wise/course-wise instructions about unique features of internal/external evaluation of that course.

File Description	Documents
Any additional information	View File
Link for additional information	https://docs.google.com/spreadsheets/d/1dD6kL00rtgJS6OIO3MMAL-aJ8YmKfsLJZCOYXwF5UrA/edit#gid=0

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

- Each department has nominated series test co-ordinators for their department for conducting internal examination. Institute maintains complete transparency in this process. Head of the Department supervise the evaluation process to make sure that evaluation should be completed within a stipulated time frame (within 3 working days after the examination) and with no bias approach.
- As per the University directions, weight-age is given to attendance, student performance in tests.
- After each IAT students marks are intimated to their parents through Post. Students are advised to submit the mark statement to the senior tutor after getting signature from their parents.
- Grievance form for appearing in retest were given, depends upon genuinity retest conducted for the needy students. Grievance form also given for any re-totaling error or any grievances in the corrected manuscript and it will be rectified

File Description	Documents
Any additional information	View File
Link for additional information	https://docs.google.com/spreadsheets/d/1mx6cvWVmMat9j9DTOvB4Ljv85JM7duy2zy8pNwi7fug/edit#gid=0

2.6 - Student Performance and Learning Outcomes

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

Each faculty member prepares the academic plan for their respective courses at the very beginning of the semester. POs and COs are the part of this academic plan.

POs and COs are highlighted in each faculty course file.

Course Outcomes are included in Internal Assessment question papers

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://docs.google.com/spreadsheets/d/1MPsGbeiq04lOSznxFb6oteoTCxAA309AZ9yJwCaSAHk/edit#gid=373585198
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Direct Assessment:

- Internal Examination (20%): Two IATs are conducted for each 50 marks and one model examination is conducted for 100 marks. Those marks are entered in Anna University web portal
- Semester End Examination (80%): University examination is conducted for 100 marks and it is converted to 80 marks after evaluation

Indirect Assessment

Feedback from Students:

•Online feedback about over all teaching performance of each faculty member allotted to the respective class will be conducted during the mid of the semester. Analysis of the feedback will be carried out, HoD and Principal will discuss in person with faculty members whose performance is not satisfactory.

•All the questions from the feedback indirectly reflects the outcomes of the program and the response level for those questions shows the attainment level of POs and COs.

Course Assessment:

- At the end of the semester online assessment of learning of course outcomes for each subject will be conducted.
- Course Outcomes involved in the assessment process will be mapped with POs with indication of attainment level.
- POs and CO s are mapped in all the three IAT question papers. Student's performance for the question papers shows the attainment of Program outcomes and Course outcomes.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://docs.google.com/spreadsheets/d/1vlbofgZ_N6RG6g-1usYdvKsvhONFOunq6bJmDYL2jh0/edit#gid=0

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**

219

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	https://accr.petengg.ac.in/naac/NAAC/Criteria%20%20Teaching%20Learning%20and%20Evaluation/Cr%20.6%20Student%20Performance%20and%20Learning%20Outcome/Cr%20.6.3%20Average%20Pass%20Percentage%20of%20Students/Annual%20Report/2021-22.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)

<https://petengg.ac.in/feedback.php?d2w0L3lVclRZOUkxWVZFK2ZjVTNPdz09>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

0

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

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

0

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

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

0

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

3.2 - Innovation Ecosystem

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

Institute Industry Relationship

The Institution has signed MOUs with industries and created a platform for students and staff to exchange the technical ideas among them. Students are exposed to scientific and technological development in the industry. Through ICTACT academy staff has gained knowledge by attending the faculty development program on recent topics

Entrepreneurship Development cell

An Entrepreneurship Development Cell was established in the year 2011 by getting a grant through IIPC. It conducts awareness programs to promote entrepreneurship skills

PETATHON .

Students are guided to do innovative projects in social and commercial applications. Students are insisted to present their innovative ideas The institution has initiated various establishments to strengthen the innovation ecosystem on the campus for the transfer of knowledge.

Intellectual Property Rights

Awareness program on Intellectual Property rights was conducted for students and staff and staffs was encouraged to register their innovative work

Staff are encouraged to take part in professional bodies to share

their knowledge of research. Encourage the staff to publish papers by providing appreciation awards for publishing in reputed journals.

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

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

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

28

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

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

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

0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	No File Uploaded
Any additional information	No File Uploaded

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

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

32

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

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year**3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year**

3

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

3.4 - Extension Activities

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

NSS and YRC volunteers of PET Engineering College were involved in various social benefit activities like.

Natural Food Habits

The importance of natural food habits was circulated to the students in the nearby 3 schools. Awareness was created among the people. Pamphlets containing natural healthy food were distributed to the society. Nearly 342 students are benefitted by this awareness program

Plastics Free Environment

In order to promote the plastics free environment, students visited nearby 5 schools to promote awareness on the school campus. Posters were placed in different venues of the college to create awareness

among the students. Nearly 367 students were given awareness about plastic free environment and instructed to keep their school plastic free environment.

Health Camps

Covid vaccination Camp was organised twice the Government Health Centre Vadakkangulam. Nearly 180 members are vaccinated. Students were made roll in eradicating the pandemic disease with the government activities. Eye screening camp was organised with the collaboration of Agarwal Eye Hospital. Nearly 120 members were benefitted by the camp. No smoking awareness program was organised for the students.

Tree Plantation Programme

Tree plantation was conducted inside the campus and in schools. Nearly 50 saplings were planted. Competition was conducted to promote the idea of SAVE WATER

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

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

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

1

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

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

and NGOs) during the year

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

22

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 during the year (Data Template)	View File

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

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

771

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

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

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

61

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

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

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

2

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Yes. The campus is spread over an area of 36 acres with a built-up area of 34545sq. metre comprising buildings of high-standard, classrooms with proper ventilation and ICT facilities, numerous laboratories, auditorium and library.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/175pBvdMtxYS_o43YbUJPIQqfosFPooWHr/view?usp=sharing

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

Yes. Institution has adequate facilities for sports. Facilities such as 400 m track, Long jump, Triple jump, High jump, Shot put, Discus, Javelin throw, Hammer throw facilities. Facilities for Indoor games such as Table tennis, Chess, and Carrom. Facilities for Outdoor games such as Cricket Ground, Football Ground, Hand ball Court, Volley ball Court, Kabaddi Court, Badminton Court, Tennis Court and Throw ball Court. Institution has gym facilities for both gents and ladies. Our Institute is providing Yoga training by professional trainer from reputed organization to the students & staffs. Also, our college is celebrating International Yoga Day every year. Cultural activities allow students and community members to come together to connect more deeply with the cultures of the world. o A variety of fun events and activities designed to help students meet other people and connect with the university community. o These events typically happen once a year and are a great opportunity to join together. o Participation in cultural activities results in enhancement of the personal skills and experiences like confidence, self-presentation, teamwork and collaboration, time management and organizational skills.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1xB9Z_IM52bm3xytYtwq4U0NCblEFikaY/view

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

40

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/15ok81BdmRduTH-S1PZ4G3Qx8tABAjc9y/view
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)

118.36

File Description	Documents
Upload any additional information	No File Uploaded
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)

Yes, Library is automated using Integrated Library Management System (ILMS)

- Name of ILMS software: INSPRO PLUS
- Nature of automation: Fully
- Version: 6.1
- Year of automation: 2002

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://accr.petengg.ac.in/NAAC/NAAC/Criteria%20Infrastructure%20and%20Learning%20Resources/Cr%204.2%20Library%20as%20a%20Learning%20Resource/Cr%204.2.1%20Library%20is%20Automated%20Using%20Integrated%20Library%20Management%20System/Insproplus.pdf

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

File Description	Documents
Upload any additional information	No File Uploaded
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)

2.67

File Description	Documents
Any additional information	No File Uploaded
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

200

File Description	Documents
Any additional information	No File Uploaded
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

Yes, The college has adequate information technology facilities including Wi - Fi and internet connections well spread throughout the campus and it is updated frequently. The institution is equipped with 458 internet connected computers. The college has well-equipped smart class rooms and conference halls with all modern facilities like LCD projector. System Administration Cell (SAC) is constituted to cater to the needs of IT related issues of the campus such as Software, Hardware and Networking, Website site designing and maintenance, Email, SMS solutions, etc. All the computers are connected with uninterrupted power supply for safe operations and security is also ensured due to the usage of hardware firewall. The various other computing facilities like printers, software, database, dedicated lease-line of 50 Mbps bandwidth with Wi-Fi and Campus networking. Campus network enables remote learning, conferences, collaborative research, industry relations, alumni and remote recruitment, competitive examinations conducted by the Government. The Network Security is ensured through a dedicated Hardware Firewall subscribed. All the students and faculty members are provided with e-mail and group mail under Google G-Suite domain up to 1TB Storage through Google Apps.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://accr.petengg.ac.in/NAAC/NAAC/Criteria%204%20Infrastructure%20and%20Learning%20Resources/Cr%204.3%20IT%20Infrastructure/Cr%204.3.3%20Bandwidth%20of%20Internet%20Connection%20in%20the%20Institution/Bandwidth%20Agreement.pdf

4.3.2 - Number of Computers

458

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	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)

118.36

File Description	Documents
Upload any additional information	No File Uploaded
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.

A separate Electrical Maintenance Engineer is available to look after electrical maintenance in the campus. The Institution has an efficient housekeeping system consisting of gardeners and sweepers. The entire system is monitored by a supervisor who is specifically appointed for this purpose. Part of the housekeeping activities is

given on contract. The College has also appointed full time skilled persons such as electricians, plumbers, carpenters, welders, etc. for the regular maintenance of the infrastructure facilities and equipment of the College. They take care of repairs of fittings, furniture and systems like electrical and water supply networks, motors and pump sets. The class rooms, office rooms and corridors are swept and mopped every day and once in a week the furniture and roofs are dusted. Fire Extinguishers are kept and maintained in all the Labs and prominent places (students, faculties and visitor's area) for effective safety purposes. Reverse Osmosis plant is under annual maintenance and the membrane is replaced when required. Exclusively a supervisor is nominated to look after the effective functioning and maintenance of RO plant. Checking the Earth connections in all Electrical Equipment is done once in two months by the electricians.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://accr.petengg.ac.in/NAAC/NAAC/Criteria%204%20Infrastructure%20and%20Learning%20Resources/Cr%204.4%20Maintenance%20of%20Campus%20Infrastructure/Cr%204.4.2%20Procedures%20for%20Maintenance/2021-22%20Maintenance.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

587

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
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

332

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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

A. All of the above

File Description	Documents
Link to Institutional website	https://petengg.ac.in/
Any additional information	No File Uploaded
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

552

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

552

File Description	Documents
Any additional information	No File Uploaded
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	No File Uploaded
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

170

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

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

5.2.2.1 - Number of outgoing student progression to higher education

6

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
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

0

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

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

0

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

Various committees are formulated involving students, In the Department advisory Committee, the student representatives contribute their suggestions regarding academic issues. The Student representatives in the IQAC Cell are involved in the academic planning and ensure matters related to the holistic development of the students. Class Committee consisting of student members discuss the conduct of class work and delivery of lectures. In the Library Committee the student representatives promote awareness regarding the advantages of using the library. In order to develop technical skills, managerial skills and to bring leadership quality to our students the departments have formed Associations and conduct many symposiums, workshops and guest lectures every academic year. The students in the anti-ragging committee play a prominent role in creating a cordial and healthy relationship among the students without causing any physical or mental torture to the new entrants. Women cell composed of lady faculty and girl students aims at creating awareness among girl students. NSS and YRC in the institute, comprising two staff and student volunteers aims at arousing the social consciousness of the youth with an overall objective of personality development.

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

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

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

58

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

The Alumni Association of PET is registered with the Registrar of Society. The Alumni Association cell in coordination with Training and Placement cell organizes alumni meet every year. Senior Alumni's also interacted with the students and guide them in preparing for the interviews in core and multinational companies. Alumni are also guiding the final year students regarding their projects.

The Alumni of PETEC in collaborations with the Training and Placement cell has contributed to progression of the placement opportunities of the students. The PET Educational Trust on behalf of Alumni association giving financial support is extended to all the students whose parents do not have fixed source of income and do not have any other financial assistance in the form of social welfare or endowment scholarships. Alumni are resources that can

provide meaningful and mutually beneficial relationships over time.

OBJECTIVES

1. To communicate on regular basis with the members of the Alumni and the college keeping mutually informed the developments of the Alumni as well as the University.
2. To foster more extended relationships between alumni and present students, staff and others associated with the College.
3. To encourage Alumni to act as ambassadors of the college and assist in the further development of the members and the College

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) A. ? 5Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Response:

A. Vision and Mission Statement

Vision

- To contribute quality Engineers and Managers to our nation and remain a source of pride in this region.

Mission

- To generate human potential by providing inputs like competent faculty, infrastructure and laboratory equipment.
- To implement skill development programmes for Engineers / Managers to solve practical problems in the society.
- To provide avenues for developing entrepreneurial skills and to create an urge for higher studies in core and inter - disciplinary areas.

B. Nature of Governance

- The Governing Body delegates authority to the Managing Trustee, Secretary and Principal who, in turn extend the authority to the Heads of Departments, the Conveners of various committees and coordinators of different cells.
- Various committees have been constituted to assist the Principal in the administrative and academic matters.
- The Management provides Scholarships to the economically deprived and socially backward students and creates an urge for higher studies in core and inter - disciplinary areas.
- The collective efforts of the management, the principal, Head of the department, faculty coupled with the alumni, stakeholders and philanthropists have contributed to the effective and progressive functioning of the institution.

File Description	Documents
Paste link for additional information	https://accr.petengg.ac.in/NAAC/NAAC/Criteria%20Governance%20Leadership%20and%20Management/Cr%206.1%20Institutional%20Vision%20and%20Leadership/Cr%206.1.1%20Governance/2021-22/DVV.pdf
Upload any additional information	View File

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

Response:

The Heads of the Departments and the Coordinators carry out their departmental activities independently under the guidance of the Principal, the faculty members and student representatives. Each department frames a committee for conducting the programs and the students are entrusted with responsibility to execute the different events to improve their team spirit, leadership skills and

interpersonal skills.

- The Principal takes decisions in the academic frontiers in tune with the vision and mission of the institute as well as the regulations of the Anna University, Chennai. Various committees meet before the commencement of the academic year to prepare the academic calendar. Regular meeting is conducted every fortnight by Principal with the HODs to review the academic activities.
- The suggestions from students are analyzed for implementation during the HODs meetings. The valid points are escalated to the top management during the Principal's meetings with the management. Academic Planner is prepared at the closure of the previous academic year.
- In the Planning phase, all departments submit the resource requirement request, if any, to the IQAC. IQAC collects the request and verifies availability for smooth functioning of the forthcoming semester.

File Description	Documents
Paste link for additional information	https://accr.petengg.ac.in/naac/NAAC/Criteria%20Governance%20Leadership%20and%20Management/Cr%206.1%20Institutional%20Vision%20and%20Leadership/Cr%206.1.2%20Decentralization%20and%20Participative%20Management/2021-22%20Committee%20List.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Response:

Effective strategic planning requires identifying and implementing strategies that will move PETEC to a better desired future as an educational and research institution in Vallioor as well as in Tamilnadu. In the preparation of the Perspective Plan, the IQAC of the college has taken initiatives to obtain inputs from all the stakeholders viz, Management, Principal, faculty, administrative staff, students and parents.

The Institution has plans for the development of Strategic/perspective plan for the period from 2018 - 2023

- To get NBA Accreditation.
- To motivate all the faculty members to register Ph.D by 2021. To become one of the premier technical institutes by 2023.
- To Improve the Employability skills of the students.
- To encourage the students participating in co-curricular/extracurricular activities. To get research centre recognition for eligible departments.
- To encourage faculty members to publish papers in reputed Journal with a good impact factor.
- To offer more value-added certification courses in addition to the existing courses and provide coaching for competitive exams.
- To utilize R&D cell as a platform to disseminate knowledge to the academic community by conducting various conferences and workshops.
- Improving the number of MoUs with industries, national and international organizations. To start technologically strong incubation / Start-ups centre.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://accr.petengg.ac.in/naac/NAAC/Criteria%20Governance%20Leadership%20and%20Management/Cr%206.2%20Strategy%20Development%20and%20Deployment/Cr%206.2.1%20Strategic%20Goals/Approval%20of%20Strategic%20Plan%20in%2024th%20GCM.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.

Response:

The organization has a well-structured administrative setup with the Governing Council as the highest decision-making body in association with the principal, administrative officer, head of the department and 38 committees.

The governing body guides the college to fulfil the objectives for which the college has been approved by AICTE. All recruitment of Teaching Faculty/Principal is made by the Governing Body in

accordance with the policies laid down by AICTE. It also approves the annual budget of the college submitted by the IQAC cell and performs other functions. The college management formulates the terms and conditions of service (SERVICE RULE) for regulating the administration of the institution. The employees are promoted based on their completion of service, additional degree earned and appraisal of self-assessment forms.

File Description	Documents
Paste link for additional information	https://accr.petengg.ac.in/naac/NAAC/Criteria%20Governance%20Leadership%20and%20Management/Cr%206.2%20Strategy%20Development%20and%20Deployment/Cr%206.2.2%20Administrative%20Regulations/Service%20Rules.pdf
Link to Organogram of the institution webpage	https://accr.petengg.ac.in/naac/NAAC/Criteria%20Governance%20Leadership%20and%20Management/Cr%206.2%20Strategy%20Development%20and%20Deployment/Cr%206.2.2%20Administrative%20Regulations/Organization%20Chart.pdf
Upload any additional information	View File

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

Response :

- Institute contributes to Provident Fund and it is implemented to all eligible members.
- Group Insurance scheme for staff members. Immediate increments after earning Ph. D. Degree.
- Sanction ODs for the University assigned duties such as Exam invigilation, Central Valuation etc. Financial assistance shall be extended to the faculty members to attend conferences/FDP/STTP/Workshop.
- Sanction TA and DA for outstation conferences and symposiums for deserving staff.
- Permission to avail study leaves for doing Ph D, higher education, Training Programmes, and Faculty Development Programmes regularly for professional up-gradation of the faculty.
- Fee concession in the hostel facility for residential staff.
- Provision of 3 permission leaves per month (1 hour), 5 Medical leaves per year as well as 12 Casual Leaves per year.
- Grant of Maternity Leave to female staff for six months
- Provision to avail summer and winter Vacation for staff members. Special leaves for marriage and also for emergency reasons.
- Centralized canteen facility.
- Wi-Fi enabled campus to be utilized. Sports and Cultural Meet for teaching staff. Library facilities are made available.
- Recreation tour arranged for teaching staff.
- ESI Scheme is implemented to all eligible members.

File Description	Documents
Paste link for additional information	https://accr.petengg.ac.in/NAAC/NAAC/Criteria%20Governance%20Leadership%20and%20Management/Cr%206.3%20Faculty%20Empowerment%20Stratergies/Cr%206.3.1%20Welfare%20Measures%20for%20Teaching%20and%20Non%20Teaching/2021-22%20DVV.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**

78

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**

7

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**

77

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

Response:

Self appraisal form for teaching staff comprises two sections in which Part- A constitutes of Personal information as well as educational qualification and Part- B constitutes of Academic proforma. Here Part-B plays a vital role in the calculation of Academic Performance Indicator score and it is categorized into four sub parts. They are

- CATEGORY I: Teaching Learning Evaluation and Related Attributes (Max. Score :25 marks)
- CATEGORY II: Co-curricular, Extra-curricular, Professional development related Activities (Max. Score :25 marks)
- CATEGORY III: Research, Publication & Academic Contribution related Activities (Max. Score :25 marks)
- CATEGORY IV: Faculty Contribution in Academic activities & Student's Feedback (Max. Score :25 marks)

The Self appraisal form for non- teaching staff comprises ten parameters based on which the reviewer (HOD) has to make his/her assessment. The ten parameters are regularity, eagerness in learning, knowledge upgradation, responsibility, taking initiatives, attitude towards team work, behavior with students, behavior with faculty, Laboratory maintenance, maintenance of records and files.

Thus the Head of the institution evaluate the performance of all teaching and non-teaching staff and it will be submitted to the IQAC, from there it will be forwarded to the Governing Council.

File Description	Documents
Paste link for additional information	https://accr.petengg.ac.in/naac/NAAC/Criteria%20Governance%20Leadership%20and%20Management/Cr%206.3%20Faculty%20Empowerment%20Stratergies/Cr%206.3.5%20Staff%20Performance%20Appraisal/Institutions%20Performance%20Appraisal%20Sample.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

Response:

a. Process of the internal audit:

All vouchers are audited by an internal financial committee on a monthly basis. The expenses incurred under different heads are thoroughly checked by verifying the bills and vouchers. If any discrepancy is found, the same is brought to the notice of the management. The same process is being followed for the last five years.

b. Process of the external audit:

The accounts of the college are audited by a chartered accountant regularly. The auditor ensures that all payments are duly authorized after the audit, the report is sent to the management for review. The external audit is also undertaken in the Administrative Office in order to examine the financial records and statements of the College. The overall audit is undertaken during the period following the completion of every financial year so as to verify the fair scrutiny of financial documents. If any queries, in the process of audit it would be attended immediately along with the supporting documents within the prescribed time limits. The institution has not come across with any major audit objection during the preceding years.

File Description	Documents
Paste link for additional information	https://accr.petengg.ac.in/naac/NAAC/Criteria%20Governance%20Leadership%20and%20Management/Cr%206.4%20Finacial%20Management%20and%20Resource%20Mobilization/Cr%206.4.1%20Audited%20Statement/2021-2022.pdf
Upload any additional information	View File

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

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

2.97

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

Response:

- Tuition fee and development fee collected from the students is the main source of income for the Institution. The institution coordinates and conducts online examinations for private and government sectors via TCS, C-DAC, National Test Agency. The revenue collected from these examinations are utilized to upgrade the infrastructure of the institution.
- As far as the optimal utilization is concerned, the college has directed the revenues received from the students, philanthropists, alumna in the form of building of infrastructure, general maintenance, construction of laboratories and extension of library facilities, maintenance of ground for sports and purchase of sports equipment and provision of fee concession and financial aid to the deserving students.

- Every year the management allocates the budget in tune with the budget submitted by each department under the supervision of the respective HOD'S duly signed by the principal which is then sent for approval to the IQAC cell. After being approved by the IQAC cell, it is submitted before the Governing council. The Management also allocates budget to create and upgrade the infrastructure.

File Description	Documents
Paste link for additional information	https://accr.petengg.ac.in/naac/NAAC/Criteria%206%20Governance%20Leadership%20and%20Management/Cr%206.4%20Finacial%20Management%20and%20Resource%20Mobilization/Cr%206.4.3%20%20Mobilization%20of%20Fund/Audit%202022.pdf
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

Response:

Yes, the College is having its IQAC Cell.

- This Cell was established and functions on the basis of the guidelines set forth by NAAC. It works towards improving and maintaining the quality of education, identifying and suggesting new ways of using teaching aids, developing suitable infrastructure and offering suggestions for the new courses. IQAC has an effective and efficient internal coordinating and monitoring mechanism.
- The IQAC meets every semester to plan, direct, implement and evaluate the teaching, research and publication activities in the College and the sub-committees of the respective departments implement the IQAC guidelines.
- As a quality measure, R&D cell encourages and motivates the faculty and students to take part in conferences, seminars, innovative projects, publication of papers, organize guest lectures, webinars, online quiz programs, training for competitive programs etc., it also promotes the staff and

students to do research and higher studies.

- The Alumni cell of the institution has been functioning effectively like conducting Alumni meet, organizing workshops and seminars by alumni, conducting placement drives and also giving financial aid to the deserving studious economically backward students. The IQAC plans to promote the initiative of starting an Incubator Cell by the alumni association.

File Description	Documents
Paste link for additional information	https://accr.petengg.ac.in/naac/NAAC/Criteria%206%20Governance%20Leadership%20and%20Management/Cr%206.1%20Institutional%20Vision%20and%20Leadership/Cr%206.1.1%20Governance/2021-22/IQAC%202021-22.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

Response:

The Academic Schedule is prepared by the Principal with the guidance of the University Academic Calendar. The Academic Schedule is verified by the Management and the Governing Council. The methodologies of operations for teaching learning process is as follows,

a. Proper Subject Allocation

b. Preparation and Review of Lesson plan and Notes of Lesson

c. Maintenance of attendance in each section, department and College

d. Evaluation of Teaching and learning Process

- Review meeting is conducted by the Principal with the HOD and the Class Advisors.
- Coaching Classes and Practice tests are conducted for the slow learners to improve their Academic performance. Slow learners are identified based on the results.
- And also for weak students we are provided with minimum scoring method.

- Seminars are conducted by students on the topics assigned by faculty members on their related subject.
- Feedback from the students is received through the Class Committee meetings regarding the improvement required for the Teaching-Learning process. Then the feedback is analyzed and evaluated. And the total score is shown to the faculty along with suggestions. Further, faculty members are counseled by the HOD and Principal if required.

File Description	Documents
Paste link for additional information	https://accr.petengg.ac.in/naac/NAAC/Criteria%20Governance%20Leadership%20and%20Management/Cr%206.1%20Institutional%20Vision%20and%20Leadership/Cr%206.1.1%20Governance/2021-22/IQAC%202021-22.pdf
Upload any additional information	View File

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

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://accr.petengg.ac.in/naac/NAAC/Criteria%20Governance%20Leadership%20and%20Management/Cr%206.3%20Faculty%20Empowerment%20Stratergies/Cr%206.3.4%20FDP%20Attended%20by%200Faculty/Annual%20Report/24th.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES**7.1 - Institutional Values and Social Responsibilities****7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year**

PET Engineering College makes sincere efforts to empower women faculty and students. Vishakha committee (Women Cell) is working towards women empowerment. The cell takes care of the grievances of girl students and female staff members related to gender discrimination, violence and sexual harassment on the campus. In the campus, CCTV Cameras are installed at different locations to ensure the safety and security of the students. Each laboratory is provided with fire extinguishers for the safety of the students. Anti-ragging committee has been formed inside the campus for monitoring ragging incidents. For every single incident of ragging, a FIR shall be lodged without exception by the college authorities with the local police. The major objective of the counselling is to facilitate Academic, Emotional, Social and cognitive development of the students hence to empower them in their learning and personal development. Counselling is an integral part of the total educational enterprise. Other than students, parents and teachers are also getting benefits from the counsellor in order to pave a path to the students inside the campus and in their homes.

File Description	Documents
Annual gender sensitization action plan	https://docs.google.com/spreadsheets/d/1oRv9BXsPffvoPlWfSWX7oG0z4eN3k3qH/edit#gid=273313340
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	https://docs.google.com/spreadsheets/d/1ZUdJf8jpsJ34J7si2--fZbdWjs3jqU6Y/edit#gid=267168091

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

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

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

PET Engineering College believes in "Let's go green and keep our campus clean; pivotal operations have very less impact on the environment as the institute is very conscious of generating less waste and recycling it by passing it through a system that enables the used material to be reused ensuring that less natural resources are consumed. Environmental initiatives like use of renewable energy, Rain water harvesting, Zero water discharge, No smoking zone, waste management system etc have been implemented. Environment consciousness is embodied in the heart of the college by tree plantations from every year which is the predominant motive of the management to maintain the pristine purity and beauty of the college and also to provide a congenial atmosphere for the academic and non-academic pursuits.

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

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	No File Uploaded

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

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

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

A. Any 4 or all of the above

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

B. Any 3 of the above

5.

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

Institution provides an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. Different sports and cultural activities organized inside the college promote harmony towards each other. Institute has a code of ethics for students and

a separate code of ethics for teachers and other employees which has to be followed by each one of them irrespective of their cultural, regional, linguistic, communal socioeconomic and other diversities. Several programs are conducted which establishes positive interaction among people of different racial and cultural backgrounds. Trekking Program Awareness Program on "Plastic Free Environment" Awareness Program on "Natural Food Habits" Diabetes and Benefit Camp Blood Donation Camp

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	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Human behavior depends on the characters defining the identity, choosing the values and establishing the beliefs. Human values includes morals, integrity, peaceful life, respecting others, honesty, caring, kindness, courage, sharing, time management, adjustment, self confidence, commitment, spirituality and Service-learning a teaching method which combines community service with academic instruction as it focuses on critical, reflective thinking and civic responsibility. As an Every profession like teaching, medicine, law etc has its own professional ethics. It is hoped that because of this effort made by the Institution towards Human Values and Ethics we ensure that the students are made aware of the problems and their possible solutions through self exploration. At the same time, the Institution will facilitate the students to identify their societal responsibilities. Through the activities conducted an effort is made to rid society from the ills prevalent. Further through these programmes we ascertain that the students realize that they have a lot of potential which when realized will propel the society forward in a positive direction. The following programs are conducted to enhance the character of the students: Rights and Responsibilities of Voters Awareness Programme on Measures to control Cyber Crime Awareness Programme of Mobile Addiction

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://docs.google.com/spreadsheets/d/1Ilh-E7UoTvkrUKSqbwCCXo_7-mWabH1W/edit?rtfpoof=true#gid=364828196
Any other relevant information	Nil

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	No File Uploaded

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

The college believes in celebrating events and festivals in college. It is an integral part of learning Thoughts of great Indian personalities sowed into the young minds through the exhibitions and programs conducted on these days. The institution practices a pluralist approach towards all religion functions and encourages the students and faculty to showcase the same. Every year our institute organizes the national festivals and birth / death anniversaries of the great Indian personalities. Staff and students get to know the importance of national integrity in the country in general and their role in it in particular. Our institution is committed to promote

ethics and values amongst students and faculty to encourage the same by organizing the National festivals as well as Anniversaries for the great Indian Personalities. Teachers day (5th Sept) As birthday of great teacher Dr.Sarvapalli Radhakrishanna Engineers day (15th Sept) The Birth anniversary of Sir. M. Visvesvaraya the great Engineer of the country. International Women's day (8th March) Youth day(12th January) Independence day(15th August) Republic day(26th Jan) World environment day(5th June) World Cancer day(4th February)

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	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

The institution has implemented various best practices like internship program, experiential learning for the development of theoretical and practical knowledge of the students in their subject area. Workshops and guest lecturers were given by the Alumni of our institution to promote the idea regarding corporate requirements and future challenges. The institution motivates the staff and students for their accomplishments with rewards and recognition. The staff as well as the students needs different levels of motivation. The staffs are motivated for producing good academic results, best senior tutor, best department, appreciation for publication in journals and books. The students are encouraged by giving awards for academic toppers, university rank holders, regularity in attendance, extra and co-curricular activities, participation in other college events, best outgoing student, Gem of PET, award for proficiency in English language, active participation in clubs etc. The institution encourages the participation of students in NSS and YRC units to develop their social and civic responsibility and mould them into responsible citizens.

File Description	Documents
Best practices in the Institutional website	https://accr.petengg.ac.in/naac/NAAC/Criteria%207%20Institutional%20Values%20and%20Best%20Practices/Cr%207.2%20Best%20Practices/2021-22%20Best%20Practice.pdf
Any other relevant information	Nil

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

As a distinctive practice, the college 'GEM OF PET' has set the most coveted award which is conferred to one boy and one girl who exhibit exemplary performance in academic, sports, co-curricular activities, personality development and upright ethical behavior. The GEM of PET award is earned after mounting several hurdles and marching ahead gloriously amidst tough competition. The GEM of PET, the most prestigious award of PETEC specifically for pre final year students adheres to certain eligibility norms and rules to participate in the competition. The candidate should have good academic record with no history of arrears and an aggregate of 80% attendance in all the previous semesters. The candidate should not have been suspended or punished either by disciplinary action committee on account of disobeying any of the college rules or malpractices in Anna University examination. The GEM of PET competition comprises of nearly eight to thirteen rounds. The students undergo rigorous test in each round and finally one boy and girl emerge successfully with the highest score. It is imperative that the students should also possess social responsibility and should have active participation in social activities organized by NSS, YRC and other social clubs of the college.

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 institution develops an academic schedule based on the university calendar.

Allocation of the subjects to the faculty is done based on qualification, area of specialization, experience, and willingness.

Course files are prepared and maintained by the faculty as per ISO guidelines.

Each department has a set of framed objectives for its curriculum and has deployed various mechanisms to ensure (Department Advisory Committee and Direct and Indirect Assessments) the achievement of objectives.

To enrich the knowledge of students, faculty members adopt various practices such as case study, role play, crossword puzzles, quiz, field trip, etc. apart from the regular / traditional chalk and talk methods with modern teaching facilities.

Once a semester, students submit feedback to enhance the teaching-learning process.

Guest Lectures, Industrial Visits, Workshops, Value-Added Courses, Internships, Innovative Projects, Conferences, and other activities are used to keep students up to date.

Mentoring students on academic and personal issues will create a better learning atmosphere and sustain their performance.

Three times a semester, Class Committee and Course Committee meetings were scheduled to improve the teaching-learning process, students' academic success, any grievances, and suitable remedial actions.

For each laboratory class, lab manuals are available to the students.

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)

PETEC is following the academic calendar framed by institution in line with the academic schedule released by the Anna University with three Internal Assessment Tests, University Lab Examination and End Semester Examination.

This calendar is circulated to students every year and also a soft copy is available in the college website.

This allows the students to prepare well before the assessments and faculties can complete the portions for assessments. It will be monitored through class committee meetings.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://accr.petengg.ac.in/naac/NAAC/Criteria%20Curricular%20Aspects/Cr%201.1%20Curricular%20Planning%20and%20Implementation/Cr%201.1.2%20The%20Institution%20Adheres%20to%20the%20Academic%20Calendar/2021-22%20AC%20and%20Scheudule.pdf

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

C. Any 2 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

9

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	No File Uploaded
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

590

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

Boys and girls are given equal preference in all aspects such as Admission, Curricular, Co-curricular, Extra-curricular and Training & Placement activities. Responsibilities are assigned to the students irrespective of the gender. This will help the students to show mutual respect with opposite gender.

Course like "Professional Ethics and Human Values" and "Professional Ethics in Engineering" is offered as Subject to the students. This enables the students to learn human values, global issues, moral leadership, code of conduct and loyalty.

In view of Social development activities like working in NGOs, organizing blood donation camps, health check-up camps, hygiene and health workshops, environment awareness camps, cleanliness drive, workshops on social issues, public health, gender issues etc. All the activities of are executed and monitored by faculty in-charges through NSS and YRC.

Our institution is a green campus, focuses on energy efficiency by preserving natural resources for healthy living and a good learning environment. Rainwater harvesting system is implemented to recharge the groundwater by collecting the rainwater from catchment areas like building's rooftops.

Students learn several compulsory courses on Environmental Science and Engineering to address the environment and sustainability issues.

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

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

94

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	View File

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

288

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

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution

A. All of the above

from the following stakeholders Students Teachers Employers Alumni	
File Description	Documents
URL for stakeholder feedback report	https://petengg.ac.in/feedback.php?bWtseVcyMDBKeUNYajBRTFlmTytOUT09
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	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	https://petengg.ac.in/feedback.php?d2w0L31VclRZOUkxWVZFK2ZjVTNPdz09
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment Number Number of students admitted during the year	
2.1.1.1 - Number of students admitted during the year	
353	
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	

92

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

Advanced learners are continuously encouraged to strive for higher goals by providing them additional inputs for better career planning and growth like:

- Identifying the emerging technical areas and organize various events related to those areas. Special Coaching is imparted regarding paper publications and scope for higher studies in relevant areas
- Encouraging them to participate in classroom seminars, group discussions, technical quizzes etc. for developing analytical, problem solving and presentation skills.
- Motivating to access latest online journals, reference materials which helps them to understand the emerging trends in their field of study.
- Encouraging the students to publish their project papers in International Journals and conferences.

SLOW LEARNERS

- Slow learners are identified after observing their performance in previous university exams and in class tests. After first IAT, failures in any subjects are considered as slow learners..
- One faculty member is assigned as mentor for every 14 students(depends upon strength of class). The faculty mentor assesses the nature of their problem. Students with psychological/emotional problems are also motivated in a friendly way to reach their academic goals.
- Remedial classes are organized to clarify doubts, repetitive discussion critical topics are conducted for better understanding of critical topics for improving.

File Description	Documents
Paste link for additional information	https://docs.google.com/spreadsheets/d/1tLqwX435Tekpv8TDJivjY5W8e4chMLQ48unK80NRsvA/edit#gid=1382119133
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
856	94

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

Experiential Learning:

- The faculty members promote learning by engaging the learners in rich content of teaching through experience, teaching through demonstration, videos, project development, and student seminar presentation.
- The faculty members make learning interactive with learners by encouraging learners to partake in subject quizzes, discussion and questions and answers on related subjects.
- Students are allowed for Industrial visit for all the years separately to enhance their practical knowledge in current technologies adopted in Industries.

Participative Learning:

- Workshops are conducted for the students to shape their career and nurture their knowledge from the fundamentals of their subjects to the essential requirement skills for the company.
- Students chapters like IETE, REC, Science club inauguration and activities are conducted every year to bring out the hidden talents of students by conducting various events like Best manager, Quiz, Connections, Paper presentation

etc.

Problem solving methodologies:

- Students are encouraged to participate in programming contest, software debugging, and circuit debugging etc which are conducted inside and outside the college.
- Aptitude and Programming training are given to the students for enhancing their numerical ability and software skills for performing better in the interview during placement.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://docs.google.com/spreadsheets/d/1mVcfWODn0r6HUt5rJtdb74bYrCbqc4xYAuth-VVbVYM/edit#gid=1611895683

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

ICT Enabled Teaching:

- ICT enabled teaching incorporates class rooms with projector, Smart Class rooms, E-learning materials, etc. The institution adopts an up-to -the-minute updation of knowledge in tune with up and coming trends to develop the teaching-learning process using use of LCD projectors for Classes, Webinar, Seminars and workshops.
- Online classes are conducted through Google classroom app. The performance of the students is evaluated through Quiz, Assignments, Tests conducted through the mentioned app. E-materials are posted by all the faculty for the subjects of handled by them and it is accessible to the students.
- Multiple choice questions type test are conducted through Google forms. Once the students take their test marks are also viewed by them.

E-Resources:

E-resources like National Digital Library, memberships like DELNET, Library e-journals from Science Direct, IEEE are provided to students to improve their learning experience. The college has broadband internet facility to support the students for enhancing their knowledge for preparing papers for journals and updating themselves to gain knowledge about recent technologies.

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

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

2.3.3.1 - Number of mentors

80

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

94

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

9

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

6 years 2 months

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 HoD/Senior faculty verify the pattern, quality and correctness of the question papers prepared for the unit tests and ensure that the question papers are sent to the examination hall in time, the answer papers are valued and handed over to the students within three days from the conduct of the examination and marks are entered in the INSPRO PLUS software. Student's Performance and Subject Analysis for each IAT's are submitted to the Principal for analyzing the Academic strength of students.

An examination committee is constituted every year to coordinate

external examination activities and communicate to the students, teachers and administrative staff regarding examinations. Also department wise internal examination activities are conducted by concerned departments for their students ensuring proper seating arrangement, students IAT attendance, question paper distribution, answer paper collection etc. For effective understanding of the evaluation process, the faculty members give class wise/course-wise instructions about unique features of internal/external evaluation of that course.

File Description	Documents
Any additional information	View File
Link for additional information	https://docs.google.com/spreadsheets/d/1dD6kL00rtqJS60IO3MMAL-aJ8YmKfsLJZCOYXwF5UrA/edit#gid=0

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

- Each department has nominated series test co-ordinators for their department for conducting internal examination. Institute maintains complete transparency in this process. Head of the Department supervise the evaluation process to make sure that evaluation should be completed within a stipulated time frame (within 3 working days after the examination) and with no bias approach.
- As per the University directions, weight-age is given to attendance, student performance in tests.
- After each IAT students marks are intimated to their parents through Post. Students are advised to submit the mark statement to the senior tutor after getting signature from their parents.
- Grievance form for appearing in retest were given, depends upon genuinity retest conducted for the needy students. Grievance form also given for any re-totalling error or any grievances in the corrected manuscript and it will be rectified

File Description	Documents
Any additional information	View File
Link for additional information	https://docs.google.com/spreadsheets/d/1mx6cvWVmMat9j9DToVB4Ljv85JM7duy2zY8pNwi7fug/edit#gid=0

2.6 - Student Performance and Learning Outcomes

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

Each faculty member prepares the academic plan for their respective courses at the very beginning of the semester. POs and COs are the part of this academic plan.

POs and COs are highlighted in each faculty course file.

Course Outcomes are included in Internal Assessment question papers

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://docs.google.com/spreadsheets/d/1MPsGbeiq041QSznxFb6oteoTCxAA3O9AZ9yJwCaSAHk/edit#gid=373585198
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Direct Assessment:

- Internal Examination (20%): Two IATs are conducted for each 50 marks and one model examination is conducted for 100 marks. Those marks are entered in Anna University web portal
- Semester End Examination (80%): University examination is conducted for 100 marks and it is converted to 80 marks after evaluation

Indirect Assessment

Feedback from Students:

•Online feedback about over all teaching performance of each faculty member allotted to the respective class will be conducted during the mid of the semester. Analysis of the feedback will be carried out, HoD and Principal will discuss in person with faculty members whose performance is not satisfactory.

•All the questions from the feedback indirectly reflects the outcomes of the program and the response level for those questions shows the attainment level of POs and COs.

Course Assessment:

•At the end of the semester online assessment of learning of course outcomes for each subject will be conducted.

•Course Outcomes involved in the assessment process will be mapped with POs with indication of attainment level.

•POs and CO s are mapped in all the three IAT question papers. Student's performance for the question papers shows the attainment of Program outcomes and Course outcomes.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://docs.google.com/spreadsheets/d/1vlbofgZ_N6RG6g-1usYdvKsvhONFOung6bJmDYL2jh0/edit#gid=0

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**

219

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	https://accr.petengg.ac.in/naac/NAAC/Criteria%20%20Teaching%20Learning%20and%20Evaluation/Cr%202.6%20Student%20Performance%20and%20Learning%20Outcome/Cr%202.6.3%20Average%20Pass%20Percentage%20of%20Students/Annual%20Report/2021-22.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)

<https://petengg.ac.in/feedback.php?d2w0L3lVclRZOUkxWVZFK2ZjVTNPdz09>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

0

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

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

0

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

0

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

3.2 - Innovation Ecosystem

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

Institute Industry Relationship

The Institution has signed MOUs with industries and created a platform for students and staff to exchange the technical ideas among them. Students are exposed to scientific and technological development in the industry. Through ICTACT academy staff has gained knowledge by attending the faculty development program on recent topics

Entrepreneurship Development cell

An Entrepreneurship Development Cell was established in the year 2011 by getting a grant through IIPC. It conducts awareness programs to promote entrepreneurship skills

PETATHON .

Students are guided to do innovative projects in social and commercial applications. Students are insisted to present their innovative ideas The institution has initiated various establishments to strengthen the innovation ecosystem on the campus for the transfer of knowledge.

Intellectual Property Rights

Awareness program on Intellectual Property rights was conducted for students and staff and staffs was encouraged to register their innovative work

Staff are encouraged to take part in professional bodies to share their knowledge of research. Encourage the staff to publish papers by providing appreciation awards for publishing in reputed journals.

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

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

28

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards**3.3.1 - Number of Ph.Ds registered per eligible teacher during the year****3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year**

0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	No File Uploaded
Any additional information	No File Uploaded

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

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

32

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

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

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

3

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

3.4 - Extension Activities

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

NSS and YRC volunteers of PET Engineering College were involved in various social benefit activities like.

Natural Food Habits

The importance of natural food habits was circulated to the students in the nearby 3 schools. Awareness was created among the people. Pamphlets containing natural healthy food were distributed to the society. Nearly 342 students are benefitted by this awareness program

Plastics Free Environment

In order to promote the plastics free environment, students visited nearby 5 schools to promote awareness on the school campus. Posters were placed in different venues of the college to create awareness among the students. Nearly 367 students were given awareness about plastic free environment and instructed to keep their school plastic free environment.

Health Camps

Covid vaccination Camp was organised twice the Government Health Centre Vadakkangulam. Nearly 180 members are vaccinated. Students were made roll in eradicating the pandemic disease with the government activities. Eye screening camp was organised with the collaboration of Agarwal Eye Hospital. Nearly 120 members were benefitted by the camp. No smoking awareness program was organised for the students.

Tree Plantation Programme

Tree plantation was conducted inside the campus and in schools. Nearly 50 saplings were planted. Competition was conducted to promote the idea of SAVE WATER

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

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

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

1

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

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year**3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year**

22

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 during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year**3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year**

771

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

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

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

61

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

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

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

2

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Yes. The campus is spread over an area of 36 acres with a built-up area of 34545sq. metre comprising buildings of high-standard, classrooms with proper ventilation and ICT facilities, numerous laboratories, auditorium and library.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/175pBvdMtxYSo43YbUJPIQqfosFPooWHr/view?usp=sharing

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

Yes. Institution has adequate facilities for sports. Facilities such as 400 m track, Long jump, Triple jump, High jump, Shot put, Discus, Javelin throw, Hammer throw facilities. Facilities for Indoor games such as Table tennis, Chess, and Carrom. Facilities for Outdoor games such as Cricket Ground, Football Ground, Hand ball Court, Volley ball Court, Kabaddi Court, Badminton Court, Tennis Court and Throw ball Court. Institution has gym facilities for both gents and ladies. Our Institute is providing Yoga training by professional trainer from reputed organization to the students & staffs. Also, our college is celebrating International Yoga Day every year. Cultural activities allow students and community members to come together to connect more deeply with the cultures of the world. o A variety of fun events and activities designed to help students meet other people and connect with the university community. o These events typically happen once a year and are a great opportunity to join together. o Participation in cultural activities results in enhancement of the personal skills and experiences like confidence, self-presentation, teamwork and collaboration, time management and organizational skills.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1xB9Z_IM52bm3xytYtwg4U0NCblEFikaY/view

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

40

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/15ok81BdmRduTH-S1PZ4G3Ox8tABAjc9y/view
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)

118.36

File Description	Documents
Upload any additional information	No File Uploaded
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)

Yes, Library is automated using Integrated Library Management System (ILMS)

- Name of ILMS software: INSPRO PLUS
- Nature of automation: Fully
- Version: 6.1
- Year of automation: 2002

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://accr.petengg.ac.in/NAAC/NAAC/Criteria%20Infrastructure%20and%20Learning%20Resources/Cr%204.2%20Library%20as%20a%20Learning%20Resource/Cr%204.2.1%20Library%20is%20Automated%20Using%20Integrated%20Library%20Management%20System/Insproplus.pdf

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	No File Uploaded
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)

2.67

File Description	Documents
Any additional information	No File Uploaded
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

200

File Description	Documents
Any additional information	No File Uploaded
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

Yes, The college has adequate information technology facilities including Wi - Fi and internet connections well spread throughout the campus and it is updated frequently. The institution is equipped with 458 internet connected computers. The college has well-equipped smart class rooms and conference halls with all modern facilities like LCD projector. System Administration Cell (SAC) is constituted to cater to the needs of IT related issues of the campus such as Software, Hardware and Networking, Website site designing and maintenance, Email, SMS solutions, etc. All the computers are connected with uninterrupted power supply for safe operations and security is also ensured due to the usage of hardware firewall. The various other computing facilities like printers, software, database, dedicated lease-line of 50 Mbps bandwidth with Wi-Fi and Campus networking. Campus network enables remote learning, conferences, collaborative research, industry relations, alumni and remote recruitment, competitive examinations conducted by the Government. The Network Security is ensured through a dedicated Hardware Firewall subscribed. All the students and faculty members are provided with e-mail and group mail under Google G-Suite domain up to 1TB Storage through Google Apps.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://accr.petengg.ac.in/NAAC/NAAC/Criteria%20Infrastructure%20and%20Learning%20Resources/Cr%204.3%20IT%20Infrastructure/Cr%204.3.3%20Bandwidth%20of%20Internet%20Connection%20in%20the%20Institution/Bandwidth%20Agreement.pdf

4.3.2 - Number of Computers

458

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	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)**

118.36

File Description	Documents
Upload any additional information	No File Uploaded
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.

A separate Electrical Maintenance Engineer is available to look after electrical maintenance in the campus. The Institution has an efficient housekeeping system consisting of gardeners and sweepers. The entire system is monitored by a supervisor who is specifically appointed for this purpose. Part of the housekeeping activities is given on contract. The College has also appointed full time skilled persons such as electricians, plumbers, carpenters, welders, etc. for the regular maintenance of the infrastructure facilities and equipment of the College. They take care of repairs of fittings, furniture and systems like electrical and water supply networks, motors and pump sets. The class rooms, office rooms and corridors are swept and mopped every day and once in a week the furniture and roofs are dusted. Fire Extinguishers are kept and maintained in all the Labs and prominent places (students, faculties and visitor's area) for effective safety purposes. Reverse Osmosis plant is under annual maintenance and the membrane is replaced when required. Exclusively a supervisor is nominated to look after the effective functioning and maintenance of RO plant. Checking the Earth connections in all Electrical Equipment is done once in two months by the electricians.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://accr.petengg.ac.in/NAAC/NAAC/Criteria%20Infrastructure%20and%20Learning%20Resources/Cr%204.4%20Maintenance%20of%20Campus%20Infrastructure/Cr%204.4.2%20Procedures%20for%20Maintenance/2021-22%20Maintenance.pdf

STUDENT SUPPORT AND PROGRESSION	
5.1 - Student Support	
5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year	
5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year	
587	
File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
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	
332	
File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File
5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above

File Description	Documents
Link to Institutional website	https://petengg.ac.in/
Any additional information	No File Uploaded
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

552

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

552

File Description	Documents
Any additional information	No File Uploaded
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	No File Uploaded
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

170

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

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

5.2.2.1 - Number of outgoing student progression to higher education

6

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
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

0

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

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

0

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

Various committees are formulated involving students, In the Department advisory Committee, the student representatives contribute their suggestions regarding academic issues.The

Student representatives in the IQAC Cell are involved in the academic planning and ensure matters related to the holistic development of the students. Class Committee consisting of student members discuss the conduct of class work and delivery of lectures. In the Library Committee the student representatives promote awareness regarding the advantages of using the library. In order to develop technical skills, managerial skills and to bring leadership quality to our students the departments have formed Associations and conduct many symposiums, workshops and guest lectures every academic year. The students in the anti-ragging committee play a prominent role in creating a cordial and healthy relationship among the students without causing any physical or mental torture to the new entrants. Women cell composed of lady faculty and girl students aims at creating awareness among girl students. NSS and YRC in the institute, comprising two staff and student volunteers aims at arousing the social consciousness of the youth with an overall objective of personality development.

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

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

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

58

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

The Alumni Association of PET is registered with the Registrar of Society. The Alumni Association cell in coordination with Training and Placement cell organizes alumni meet every year. Senior Alumni's also interacted with the students and guide them in preparing for the interviews in core and multinational companies. Alumni are also guiding the final year students regarding their projects.

The Alumni of PETEC in collaborations with the Training and Placement cell has contributed to progression of the placement opportunities of the students. The PET Educational Trust on behalf of Alumni association giving financial support is extended to all the students whose parents do not have fixed source of income and do not have any other financial assistance in the form of social welfare or endowment scholarships. Alumni are resources that can provide meaningful and mutually beneficial relationships over time.

OBJECTIVES

1. To communicate on regular basis with the members of the Alumni and the college keeping mutually informed the developments of the Alumni as well as the University.
2. To foster more extended relationships between alumni and present students, staff and others associated with the College.
3. To encourage Alumni to act as ambassadors of the college and assist in the further development of the members and the College

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)

A. ? 5Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Response:

A. Vision and Mission Statement

Vision

- To contribute quality Engineers and Managers to our nation and remain a source of pride in this region.

Mission

- To generate human potential by providing inputs like competent faculty, infrastructure and laboratory equipment.
- To implement skill development programmes for Engineers / Managers to solve practical problems in the society.
- To provide avenues for developing entrepreneurial skills and to create an urge for higher studies in core and inter - disciplinary areas.

B. Nature of Governance

- The Governing Body delegates authority to the Managing Trustee, Secretary and Principal who, in turn extend the authority to the Heads of Departments, the Conveners of various committees and coordinators of different cells.
- Various committees have been constituted to assist the Principal in the administrative and academic matters.
- The Management provides Scholarships to the economically deprived and socially backward students and creates an urge for higher studies in core and inter - disciplinary areas.
- The collective efforts of the management, the principal, Head of the department, faculty coupled with the alumni, stakeholders and philanthropists have contributed to the effective and progressive functioning of the institution.

File Description	Documents
Paste link for additional information	https://accr.petengg.ac.in/NAAC/NAAC/Criteria%20Governance%20Leadership%20and%20Management/Cr%206.1%20Institutional%20Vision%20and%20Leadership/Cr%206.1.1%20Governance/2021-22/DVV.pdf
Upload any additional information	View File

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

Response:

The Heads of the Departments and the Coordinators carry out their departmental activities independently under the guidance of the Principal, the faculty members and student representatives. Each department frames a committee for conducting the programs and the students are entrusted with responsibility to execute the different events to improve their team spirit, leadership skills and interpersonal skills.

- The Principal takes decisions in the academic frontiers in tune with the vision and mission of the institute as well as the regulations of the Anna University, Chennai. Various committees meet before the commencement of the academic year to prepare the academic calendar. Regular meeting is conducted every fortnight by Principal with the HODs to review the academic activities.
- The suggestions from students are analyzed for implementation during the HODs meetings. The valid points are escalated to the top management during the Principal's meetings with the management. Academic Planner is prepared at the closure of the previous academic year.
- In the Planning phase, all departments submit the resource requirement request, if any, to the IQAC. IQAC collects the request and verifies availability for smooth functioning of the forthcoming semester.

File Description	Documents
Paste link for additional information	https://accr.petengg.ac.in/naac/NAAC/Criteria%20Governance%20Leadership%20and%20Management/Cr%206.1%20Institutional%20Vision%20and%20Leadership/Cr%206.1.2%20Decentralization%20and%20Participative%20Management/2021-22%20Committee%20List.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Response:

Effective strategic planning requires identifying and implementing strategies that will move PETEC to a better desired future as an educational and research institution in Vallioor as well as in Tamilnadu. In the preparation of the Perspective Plan, the IQAC of the college has taken initiatives to obtain inputs from all the stakeholders viz, Management, Principal, faculty, administrative staff, students and parents.

The Institution has plans for the development of Strategic/perspective plan for the period from 2018 - 2023

- To get NBA Accreditation.
- To motivate all the faculty members to register Ph.D by 2021. To become one of the premier technical institutes by 2023.
- To Improve the Employability skills of the students.
- To encourage the students participating in co-curricular/extracurricular activities. To get research centre recognition for eligible departments.
- To encourage faculty members to publish papers in reputed Journal with a good impact factor.
- To offer more value-added certification courses in addition to the existing courses and provide coaching for competitive exams.
- To utilize R&D cell as a platform to disseminate knowledge to the academic community by conducting various conferences and workshops.
- Improving the number of MoUs with industries, national and

international organizations. To start technologically strong incubation / Start-ups centre.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://accr.petengg.ac.in/naac/NAAC/Criteria%206%20Governance%20Leadership%20and%20Management/Cr%206.2%20Strategy%20Development%20and%20Deployment/Cr%206.2.1%20Strategic%20Goals/Approval%20of%20Strategic%20Plan%20in%2024th%20GCM.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.

Response:

The organization has a well-structured administrative setup with the Governing Council as the highest decision-making body in association with the principal, administrative officer, head of the department and 38 committees.

The governing body guides the college to fulfil the objectives for which the college has been approved by AICTE. All recruitment of Teaching Faculty/Principal is made by the Governing Body in accordance with the policies laid down by AICTE. It also approves the annual budget of the college submitted by the IQAC cell and performs other functions. The college management formulates the terms and conditions of service (SERVICE RULE) for regulating the administration of the institution. The employees are promoted based on their completion of service, additional degree earned and appraisal of self-assessment forms.

File Description	Documents
Paste link for additional information	https://accr.petengg.ac.in/naac/NAAC/Criteria%20Governance%20Leadership%20and%20Management/Cr%206.2%20Strategy%20Development%20and%20Deployment/Cr%206.2.2%20Administrative%20Regulations/Service%20Rules.pdf
Link to Organogram of the institution webpage	https://accr.petengg.ac.in/naac/NAAC/Criteria%20Governance%20Leadership%20and%20Management/Cr%206.2%20Strategy%20Development%20and%20Deployment/Cr%206.2.2%20Administrative%20Regulations/Organization%20Chart.pdf
Upload any additional information	View File

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

Response :

- Institute contributes to Provident Fund and it is implemented to all eligible members.
- Group Insurance scheme for staff members. Immediate increments after earning Ph. D. Degree.
- Sanction ODs for the University assigned duties such as

Exam invigilation, Central Valuation etc.

Financial assistance shall be extended to the faculty members to attend conferences/FDP/STTP/Workshop.

- Sanction TA and DA for outstation conferences and symposiums for deserving staff.
- Permission to avail study leaves for doing Ph D, higher education, Training Programmes, and Faculty Development Programmes regularly for professional up-gradation of the faculty.
- Fee concession in the hostel facility for residential staff.
- Provision of 3 permission leaves per month (1 hour), 5 Medical leaves per year as well as 12 Casual Leaves per year.
- Grant of Maternity Leave to female staff for six months
- Provision to avail summer and winter Vacation for staff members. Special leaves for marriage and also for emergency reasons.
- Centralized canteen facility.
- Wi-Fi enabled campus to be utilized. Sports and Cultural Meet for teaching staff. Library facilities are made available.
- Recreation tour arranged for teaching staff.
- ESI Scheme is implemented to all eligible members.

File Description	Documents
Paste link for additional information	https://accr.petengg.ac.in/NAAC/NAAC/Criteria%20Governance%20Leadership%20and%20Management/Cr%206.3%20Faculty%20Empowerment%20Stratergies/Cr%206.3.1%20Welfare%20Measures%20for%20Teaching%20and%20Non%20Teaching/2021-22%20DVV.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

78

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

7

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

77

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

Response:

Self appraisal form for teaching staff comprises two sections in which Part- A constitutes of Personal information as well as educational qualification and Part- B constitutes of Academic proforma. Here Part-B plays a vital role in the calculation of Academic Performance Indicator score and it is categorized into four sub parts. They are

- CATEGORY I: Teaching Learning Evaluation and Related Attributes (Max. Score :25 marks)
- CATEGORY II: Co-curricular, Extra-curricular, Professional development related Activities (Max. Score :25 marks)
- CATEGORY III: Research, Publication & Academic Contribution related Activities (Max. Score :25 marks)
- CATEGORY IV: Faculty Contribution in Academic activities & Student's Feedback (Max. Score :25 marks)

The Self appraisal form for non- teaching staff comprises ten parameters based on which the reviewer (HOD) has to make his/her assessment. The ten parameters are regularity, eagerness in learning, knowledge upgradation, responsibility, taking initiatives, attitude towards team work, behavior with students, behavior with faculty, Laboratory maintenance, maintenance of records and files.

Thus the Head of the institution evaluate the performance of all teaching and non-teaching staff and it will be submitted to the IQAC, from there it will be forwarded to the Governing Council.

File Description	Documents
Paste link for additional information	https://accr.petengg.ac.in/naac/NAAC/Criteria%20Governance%20Leadership%20and%20Management/Cr%206.3%20Faculty%20Empowerment%20Stratergies/Cr%206.3.5%20Staff%20Performance%20Appraisal/Institutions%20Performance%20Appraisal%20Sample.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

Response:

a. Process of the internal audit:

All vouchers are audited by an internal financial committee on a monthly basis. The expenses incurred under different heads are thoroughly checked by verifying the bills and vouchers. If any discrepancy is found, the same is brought to the notice of the management. The same process is being followed for the last five years.

b. Process of the external audit:

The accounts of the college are audited by a chartered accountant regularly. The auditor ensures that all payments are duly authorized after the audit, the report is sent to the management for review. The external audit is also undertaken in the Administrative Office in order to examine the financial records and statements of the College. The overall audit is undertaken during the period following the completion of every financial year so as to verify the fair scrutiny of financial documents. If any queries, in the process of audit it would be attended immediately along with the supporting documents within the prescribed time limits. The institution has not come across with any major audit objection during the preceding years.

File Description	Documents
Paste link for additional information	https://accr.petengg.ac.in/naac/NAAC/Criteria%20Governance%20Leadership%20and%20Management/Cr%206.4%20Finacial%20Management%20and%20Resource%20Mobilization/Cr%206.4.1%20Audited%20Statement/2021-2022.pdf
Upload any additional information	View File

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

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

2.97

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

Response:

- Tuition fee and development fee collected from the students is the main source of income for the Institution. The institution coordinates and conducts online examinations for private and government sectors via TCS, C-DAC, National Test Agency. The revenue collected from these examinations are utilized to upgrade the infrastructure of the institution.
- As far as the optimal utilization is concerned, the college has directed the revenues received from the students, philanthropists, alumna in the form of building of infrastructure, general maintenance, construction of laboratories and extension of library facilities, maintenance of ground for sports and purchase of sports

equipment and provision of fee concession and financial aid to the deserving students.

- Every year the management allocates the budget in tune with the budget submitted by each department under the supervision of the respective HOD'S duly signed by the principal which is then sent for approval to the IQAC cell. After being approved by the IQAC cell, it is submitted before the Governing council. The Management also allocates budget to create and upgrade the infrastructure.

File Description	Documents
Paste link for additional information	https://accr.petengg.ac.in/naac/NAAC/Criteria%20Governance%20Leadership%20and%20Management/Cr%206.4%20Finacial%20Managemen%20and%20Resource%20Mobilization/Cr%206.4.3%20%20Mobilization%20of%20Fund/Audit%202022.pdf
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

Response:

Yes, the College is having its IQAC Cell.

- This Cell was established and functions on the basis of the guidelines set forth by NAAC. It works towards improving and maintaining the quality of education, identifying and suggesting new ways of using teaching aids, developing suitable infrastructure and offering suggestions for the new courses. IQAC has an effective and efficient internal coordinating and monitoring mechanism.
- The IQAC meets every semester to plan, direct, implement and evaluate the teaching, research and publication activities in the College and the sub-committees of the respective departments implement the IQAC guidelines.
- As a quality measure, R&D cell encourages and motivates the faculty and students to take part in conferences, seminars,

innovative projects, publication of papers, organize guest lectures, webinars, online quiz programs, training for competitive programs etc., it also promotes the staff and students to do research and higher studies.

- The Alumni cell of the institution has been functioning effectively like conducting Alumni meet, organizing workshops and seminars by alumni, conducting placement drives and also giving financial aid to the deserving studious economically backward students. The IQAC plans to promote the initiative of starting an Incubator Cell by the alumni association.

File Description	Documents
Paste link for additional information	https://accr.petengg.ac.in/naac/NAAC/Criteria%20Governance%20Leadership%20and%20Management/Cr%206.1%20Institutional%20Vision%20and%20Leadership/Cr%206.1.1%20Governance/2021-22/IQAC%202021-22.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

Response:

The Academic Schedule is prepared by the Principal with the guidance of the University Academic Calendar. The Academic Schedule is verified by the Management and the Governing Council. The methodologies of operations for teaching learning process is as follows,

- Proper Subject Allocation
- Preparation and Review of Lesson plan and Notes of Lesson
- Maintenance of attendance in each section, department and College
- Evaluation of Teaching and learning Process

- Review meeting is conducted by the Principal with the HOD and the Class Advisors.

- Coaching Classes and Practice tests are conducted for the slow learners to improve their Academic performance. Slow learners are identified based on the results.
- And also for weak students we are provided with minimum scoring method.
- Seminars are conducted by students on the topics assigned by faculty members on their related subject.
- Feedback from the students is received through the Class Committee meetings regarding the improvement required for the Teaching-Learning process. Then the feedback is analyzed and evaluated. And the total score is shown to the faculty along with suggestions. Further, faculty members are counseled by the HOD and Principal if required.

File Description	Documents
Paste link for additional information	https://accr.petengg.ac.in/naac/NAAC/Criteria%20Governance%20Leadership%20and%20Management/Cr%206.1%20Institutional%20Vision%20and%20Leadership/Cr%206.1.1%20Governance/2021-22/IQAC%202021-22.pdf
Upload any additional information	View File

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

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://accr.petengg.ac.in/naac/NAAC/Criteria%20Governance%20Leadership%20and%20Management/Cr%206.3%20Faculty%20Empowerment%20Stratergies/Cr%206.3.4%20FDP%20Attended%20by%20Faculty/Annual%20Report/24th.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

PET Engineering College makes sincere efforts to empower women faculty and students. Vishakha committee (Women Cell) is working towards women empowerment. The cell takes care of the grievances of girl students and female staff members related to gender discrimination, violence and sexual harassment on the campus. In the campus, CCTV Cameras are installed at different locations to ensure the safety and security of the students. Each laboratory is provided with fire extinguishers for the safety of the students. Anti -ragging committee has been formed inside the campus for monitoring ragging incidents. For every single incident of ragging, a FIR shall be lodged without exception by the college authorities with the local police. The major objective of the counselling is to facilitate Academic, Emotional, Social and cognitive development of the students hence to empower them in their learning and personal development. Counselling is an integral part of the total educational enterprise. Other than students, parents and teachers are also getting benefits from the counsellor in order to pave a path to the students inside the campus and in their homes.

File Description	Documents
Annual gender sensitization action plan	https://docs.google.com/spreadsheets/d/1oRv9BXsPffvoPlWfSWX7oG0z4eN3k3qH/edit#gid=273313340
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	https://docs.google.com/spreadsheets/d/1ZUdJf8jpsJ34J7si2--fZbdWjs3jqU6Y/edit#gid=267168091

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

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

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

PET Engineering College believes in "Let's go green and keep our campus clean; pivotal operations have very less impact on the environment as the institute is very conscious of generating less waste and recycling it by passing it through a system that enables the used material to be reused ensuring that less natural resources are consumed. Environmental initiatives like use of renewable energy, Rain water harvesting, Zero water discharge, No smoking zone, waste management system etc have been implemented. Environment consciousness is embodied in the heart of the college by tree plantations from every year which is the predominant motive of the management to maintain the pristine purity and beauty of the college and also to provide a congenial atmosphere for the academic and non-academic pursuits.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	No File Uploaded
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	No File Uploaded
7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1.Restricted entry of automobiles 2.Use of bicycles/ Battery-powered vehicles 3.Pedestrian-friendly pathways 4.Ban on use of plastic 5.Landscaping	A. Any 4 or All of the above
File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded
7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution	
7.1.6.1 - The institutional environment and	A. Any 4 or all of the above

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

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

B. Any 3 of the above

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

Institution provides an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. Different sports and cultural activities organized inside the college promote harmony towards each other. Institute has a code of ethics for students and a separate code of ethics for teachers and other employees which has to be followed by each one of them irrespective of their cultural, regional, linguistic, communal socioeconomic and other diversities. Several programs are conducted which establishes positive interaction among people of different racial and cultural backgrounds. Trekking Program Awareness Program on "Plastic Free Environment" Awareness Program on "Natural Food Habits" Diabetes and Benefit Camp Blood Donation Camp

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	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Human behavior depends on the characters defining the identity, choosing the values and establishing the beliefs. Human values includes morals, integrity, peaceful life, respecting others, honesty, caring, kindness, courage, sharing, time management, adjustment, self confidence, commitment, spirituality and Service-learning a teaching method which combines community service with academic instruction as it focuses on critical, reflective thinking and civic responsibility. As an Every profession like teaching, medicine, law etc has its own professional ethics. It is hoped that because of this effort made by the Institution towards Human Values and Ethics we ensure that the students are made aware of the problems and their possible solutions through self exploration. At the same time, the Institution will facilitate the students to identify their societal responsibilities. Through the activities conducted an effort is made to rid society from the ills prevalent. Further through these programmes we ascertain that the students realize that they have a lot of potential which when realized will propel the society forward in a positive direction. The following programs

are conducted to enhance the character of the students: Rights and Responsibilities of Voters Awareness Programme on Measures to control Cyber Crime Awareness Programme of Mobile Addiction

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://docs.google.com/spreadsheets/d/1I1h-E7UoTvkrUKSqBWCCXo_7-mWabH1W/edit?rtfpof=true#gid=364828196
Any other relevant information	Nil

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	No File Uploaded

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

The college believes in celebrating events and festivals in college. It is an integral part of learning Thoughts of great Indian personalities sowed into the young minds through the exhibitions and programs conducted on these days. The institution practices a pluralist approach towards all religion functions and

encourages the students and faculty to showcase the same. Every year our institute organizes the national festivals and birth / death anniversaries of the great Indian personalities. Staff and students get to know the importance of national integrity in the country in general and their role in it in particular. Our institution is committed to promote ethics and values amongst students and faculty to encourage the same by organizing the National festivals as well as Anniversaries for the great Indian Personalities. Teachers day (5th Sept) As birthday of great teacher Dr.Sarvapalli Radhakrishanna Engineers day (15th Sept) The Birth anniversary of Sir. M. Visvesvaraya the great Engineer of the country. International Women's day (8thMarch) Youth day(12th January) Independence day(15thAugust) Republic day(26thJan) World environment day(5th June) World Cancer day(4th February)

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	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

The institution has implemented various best practices like internship program, experiential learning for the development of theoretical and practical knowledge of the students in their subject area. Workshops and guest lecturers were given by the Alumni of our institution to promote the idea regarding corporate requirements and future challenges. The institution motivates the staff and students for their accomplishments with rewards and recognition. The staff as well as the students needs different levels of motivation. The staffs are motivated for producing good academic results, best senior tutor, best department, appreciation for publication in journals and books. The students are encouraged by giving awards for academic toppers, university rank holders, regularity in attendance, extra and co-curricular activities, participation in other college events, best outgoing student, Gem of PET, award for proficiency in English language,

active participation in clubs etc. The institution encourages the participation of students in NSS and YRC units to develop their social and civic responsibility and mould them into responsible citizens.

File Description	Documents
Best practices in the Institutional website	https://accr.petengg.ac.in/naac/NAAC/Criteria%207%20Institutional%20Values%20and%20Best%20Practices/Cr%207.2%20Best%20Practices/2021-22%20Best%20Practice.pdf
Any other relevant information	Nil

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

As a distinctive practice, the college 'GEM OF PET' has set the most coveted award which is conferred to one boy and one girl who exhibit exemplary performance in academic, sports, co-curricular activities, personality development and upright ethical behavior. The GEM of PET award is earned after mounting several hurdles and marching ahead gloriously amidst tough competition. The GEM of PET, the most prestigious award of PETEC specifically for pre final year students adheres to certain eligibility norms and rules to participate in the competition. The candidate should have good academic record with no history of arrears and an aggregate of 80% attendance in all the previous semesters. The candidate should not have been suspended or punished either by disciplinary action committee on account of disobeying any of the college rules or malpractices in Anna University examination. The GEM of PET competition comprises of nearly eight to thirteen rounds. The students undergo rigorous test in each round and finally one boy and girl emerge successfully with the highest score. It is imperative that the students should also possess social responsibility and should have active participation in social activities organized by NSS, YRC and other social clubs of the college.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

As a distinctive practice, the college 'GEM OF PET' has set the most coveted award which is conferred to one boy and one girl who exhibit exemplary performance in academic, sports, co-curricular activities, personality development and upright ethical behavior. The GEM of PET award is earned after mounting several hurdles and marching ahead gloriously amidst tough competition. The GEM of PET, the most prestigious award of PETEC specifically for pre final year students adheres to certain eligibility norms and rules to participate in the competition. The candidate should have good academic record with no history of arrears and an aggregate of 80% attendance in all the previous semesters. The candidate should not have been suspended or punished either by disciplinary action committee on account of disobeying any of the college rules or malpractices in Anna University examination. The number of rounds could be increased and more technical contest may be conducted. The candidate should have leadership quality. They should have organised several programmes in their academic sphere more important could be given to discipline. Marks could be awarded based on skill to promote other students.