



YEARLY STATUS REPORT - 2023-2024

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 **Principal**
- Does the institution function from its own campus? **Yes**
- Phone no./Alternate phone no. **04637221853**
- Mobile no **9787176967**
- Registered e-mail **naac@petengg.ac.in**
- Alternate e-mail **principal@petengg.ac.in**
- Address **Tiruchendur Road**
- 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**
- Name of the IQAC Coordinator **Mrs. R.Kalai Selvi**
- Phone No. **04637221853**
- Alternate phone No. **04637220999**
- Mobile **9865507534**
- IQAC e-mail address **naac@petengg.ac.in**
- Alternate Email address **hod.eee@petengg.ac.in**

3.Website address (Web link of the AQAR (Previous Academic Year)

<https://petengg.ac.in/naac.php?U3F2bWZySfNmTTYzcjgvZGtxSnV0dz09>

4.Whether Academic Calendar prepared during the year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

<https://www.petengg.ac.in/pdfs/Academic%20Calendar/Academic%20Calendar%202023%2024.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
PET ENGINEERING COLLEGE/CSE/ B. SHUNMUGA SUNDARI	NIRAL THIRUVIZHAI	TNSDC	2024	10000

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**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report No File Uploaded

10.Whether IQAC received funding from any of the funding agency to support its activities during the year? **No**

- If yes, mention the amount

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

***More number of clubs initiated and their activities have been started**

***Faculty are advised to complete NPTEL courses**

***The faculty are advised to upload Course materials & videos**

***More number of OBE related awareness created for faculty and students.**

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

Plan of Action	Achievements/Outcomes
Research and Development	Number of research papers were published
NPTEL Course	Nearly 12 faculties completed the course
OBE Awareness	OBE awareness was conducted for staff as well students
Club Activities	Nearly two program were organised by club to improve the innovative and social activity involvement of students.
Accreditation and ranking	Pre-Qualifier for three department was submitted for NBA ranking process

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

- Name of the statutory body

Name	Date of meeting(s)
Governing Council	12/12/2023

14. Whether institutional data submitted to AISHE

Part A

Data of the Institution

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• Alternate Email address	hod.eee@petengg.ac.in				
3.Website address (Web link of the AQAR (Previous Academic Year))	https://petengg.ac.in/naac.php?U3F2bWZySfNmTTYzcgVzGtxSnV0dz09				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.petengg.ac.in/pdfs/Academic%20Calendar/Academic%20Calendar%202023%2024.pdf				
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PET ENGINEERING COLLEGE/CSE /B.SHUNMUGA SUNDARI	NIRAL THIRUVIZHAI	TNSDC	2024	10000	
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Year	Date of Submission
2022-23	11/03/2024

15. Multidisciplinary / interdisciplinary

The college aims to provide holistic academic growth among students, giving freedom to the student to choose their preferred options from the range of programmes offered by the institution. The college offers interdisciplinary courses in open elective courses like Data Science, Renewable Energy, Medical Electronics Artificial Intelligence. etc so that the students become familiar with other discipline courses.

16. Academic bank of credits (ABC):

17.Skill development:

The Institute conducts program and courses to impart Career Development skills such as Aptitude skills, Verbal Ability Skills, Technical Skills, and Pre-Placement training for the students of all UG Programme from the first to the Seventh semester. Students undergo internships at various levels of the B.E. Programme to increase their employability skills * Four days Softs Skill Training is given by Pheonix Training Program for all second and Third year students. * Students improve the Interpersonal skill by participating in Tech Talk organised by th Departments *Four Programs are organized to improve their computer proficiency 1. Five days workshop on Web and App Development by Mrs. M. Dharshinnie MD - MP Wen Info was conducted to improve Computer Skill (1/4/24 to 5/4/24) 2. Workshop on Machine Learning using Phython by Dr. D Kesava Raja ASP/CSE SACOE was conducted to improve computer Programming Skill(26.09.2023) 3.Workshop on Naviagating the world of Web Technologies by Mr.Siyath Kasali Senior Software Engineer Operabase was conducted to improve the Computer Skills (14.08.2023) 4.Workshop on Machine Learning using Mathlab by Mr. V. K. U. Ahamed Gani Scholar Sri Eshwar College of Engineering was conducted to enhance Computer Skills (28.08.2023 to 1.09.2023) 5. Tamil Nadu Government Conducts Naan Mudhalvan Skill development program for all students to make them eminent in skill inorder to reduce the current industry gaps. 6. Yoga Training was given by Mrs N.Ramani AP/EEE to club members to get a know how on life Skills 7. Power of Success program by Mr.T.Ragunath, Psychologist, Relax Academy was conducted for first year students to improve itheir ethical attitude (21.11.2023 to 24.11.2023)

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

Tamil Subject like Heritage Tamil & Tamil and Technology are included in Curriculam for all first year students to gain access and promote the "strength, usage, and vibrancy of Indian languages". Literary club and Ethics club conducts activities to improve the language skill and cultural skills Regional festivals reflect the distinct culture, customs, and traditions of a specific region or community. Festivals like Pongal and Onam are celebrated to spread the regional culture among students Film Appreciation subjects are selected by students so that they can understand its distinct language, its narrative complexity and the way films control and stimulate our thoughts and feelings.

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

More number of OBE related awareness created for faculty and students. A variety of approaches to the teaching learning process like lectures, seminars, tutorials, practical project-based learning, field visit, internships and research work is suggested.to focus on OBE.the students are made to interpret, analyze,evaluate and develop responsibility is one of the programme outcomes for the students.

20.Distance education/online education:

The Institution encourages learning of concepts based on current trends through various modes such as online, remote and industrial tech talk. Digital notes are uploaded in the College website for all the courses through which the students can access and improvise on their learning. Students and faculty take up onlne certification courses like Coursera , NPTEL etc . .

Extended Profile**1.Programme**

1.1	457
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	1163
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	466
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	354
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	View File
3.Academic	
3.1	106
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	83
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	288
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	430
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. 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 is 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%201%20Curricular%20Aspects/Cr%201.1%20Curricular%20Planning%20and%20Implementation/Cr%201.1.2%20The%20Institution%20Adheres%20to%20the%20Academic%20Calendar/2023-24%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

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)

11

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

960

File Description	Documents
Any additional information	No File Uploaded
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

99

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

490

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

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders
Students
Teachers
Employers
Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://petengg.ac.in/feedback.php?bWtseVcyMDBKeUNYaJBRTFlmTytQOUT09
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

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

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://petengg.ac.in/pdfs/Feedbacks/Student/Sample%20Analysis%20of%20Students%20Feedback.pdf

TEACHING-LEARNING AND EVALUATION**2.1 - Student Enrollment and Profile**

2.1.1 - Enrolment Number Number of students admitted during the year**2.1.1.1 - Number of students admitted during the year**

466

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**

152

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 careerplanning and growth like:

- Encouraging them to prepare for competitive examinations like GATE, TRB & ISRO.
- Encouraging them to participate in classroom seminars, group discussions, technical quizzes for developing analytical, problem solving and presentation skills & leadership qualities
- Encouraging the students to publish their project papers in International Journals and conferences.
- To bring out the hidden skills from Advance learners, eventssuch as the SkillAssessing contest -Gem of PET are conductedevery year to find the best student among advanced learners Best Outgoing student & Best Outstanding student events are conducted.

Slow learners: One faculty member is assigned as a 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. Mentors develop a rapport with the concerned students through personal interactions and counseling is provided for the needy students. After each IAT examination performance of students will be informed to parents through Post.

File Description	Documents
Paste link for additional information	https://docs.google.com/spreadsheets/d/1vHq1bZh1lehAolPb6VkB6ldvV7TCVkdZ4GfNkNxThBw/edit?gid=0#gid=0
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
1163	106

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.

All branches have projects based Learning. The faculties guide the students in preparation of projects. All departments have project work in their 8th semester.

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 contests, 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/1ThyB_HuyEgsIfr2nDAuFy-erN2aP1WUQ02LeknDezzI/edit?gid=0#gid=0

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 updating of knowledge in tune with up and coming trends to develop the teaching-learning process using the 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. Ematerials are posted by the entire faculty for the subjects handled by them and it is accessible to the students. Multiple choice questions type tests 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 ScienceDirect, IEEE are provided to students to improve their learning experience.

The college has a 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

81

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

88

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

19

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

5 years 7 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 verifies the pattern, quality and correctness of the question papers prepared for the unit tests and ensures 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.

- Student's Performance and Subject Analysis for each IAT are submitted to the Principal for analyzing the Academic strength of students.
- The senior faculty members are identified by the University for setting the question papers.
- The college sanctions 'On duty' permission to the teachers

going for central valuation of answer papers organized by the University.

- The institution creates awareness to the students on the procedures for revaluation through circulars and classtutors.
- Internal examination schedule, seating are displayed on the notice board in advance. Three internal examinations are held per semester.
- Changes in schedules, patterns, methods if any, are immediately notified to the students through notice boards and also through classroom briefing by the concerned subject teachers.
- The subject teacher briefs the students in the classroom about their attendance and performance in the internal examinations.

File Description	Documents
Any additional information	View File
Link for additional information	https://docs.google.com/spreadsheets/d/15xICTVn4WWbA88jNut0rkCcytGXC1CpOZjCBqqV12io/edit?gid=0#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 coordinators for their department for conducting Internal Examination. Institute maintains complete transparency in this process.

The Head of the Department supervises 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 the evaluation in a transparent and fair manner, the marks are entered in the Anna University Web Portal as per the schedule.

The examination proceedings of each department are overseen by the HOD's and senior faculties who also take up the responsibility of redressing the grievances if any. Students can also approach the Principal in case of requirement If the student is absent/fails due to valid reason for a particular internal examination, retest

can be conducted for that student .With the approval of HOD, senior tutor and subject in-charge retest can be taken by the student. Retest papers are evaluated immediately after the examination.The Chief Superintendent is appointed by the Principal to interact with the University regarding the grievances of the students if any need arises.

File Description	Documents
Any additional information	View File
Link for additional information	https://accr.petengg.ac.in/NAAC/NAAC/Criteria%20%20Teaching%20Learning%20and%20Evaluation/Cr%202.5%20Evaluation%20Process%20and%20Reforms/Cr%202.5.2%20Mechanism%20to%20Deal%20with%20Internal%20Examination%20Related%20Grievances/2023-24%20Revaluation.pdf

2.6 - Student Performance and Learning Outcomes

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

All departments in the institute have defined their POs & COs along with vision, mission following a particular mechanism. Program Education Objectives, Program Outcomes and Course Outcomes for all programs offered by the Institute are clearly stated, displayed on the College website and communicated to teachers and students.Course outcomes are mentioned in the syllabus which is also copied in the course file for each course. Each faculty member prepares the academic plan for their respective courses at the very beginning of the semester. The Programme Specific Outcomes (PSO) are designed by the concerned Departments with their respective vision, mission and scope of the programme. The Course Outcomes (CO) are formulated by the Department in consideration with the course teachers and with expected cognitive, affective and psychomotor learning levels.POs and COs are part of this academic plan. Course outcomes for each courses are displayed in college website, notice board.While addressing the students, the HODs create awareness on POs, PSOs and COs. The faculty members, class teachers, mentors, course coordinators, program/ISO coordinators also inform the students and create awareness and emphasize the need to attain the outcomes.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://docs.google.com/spreadsheets/d/19S9WrgjdcNxq8owB_6Aw4MWyPYSZpds83tKVUK9rTOU/edit?gid=0#gid=0
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.

80% weightage is given to attainment through Direct assessment and 20% weightage is given to attainment through Indirect assessment.

A.Direct assessment tools: The marks gained by the students for every CO is taken and the threshold value is set as 50% of maximum mark for every CO.

The set attainment level is greater than or equal to 50% of student above 50% (Threshold)- 1 (Low).

The attainment level is greater than or equal to 60% of student above 50%(Threshold) - 2 (Medium) .

The attainment level is greater than or equal to 80% of student above 50%(Threshold) - 3 (High).

COs Vs POs and PSOs Mapping has been done for every course and its average is calculated which is recorded in course data sheets.

POs and PSOs attainment of a course = (COs, POs and PSOs mapping average * actual COs attainment)/maximum attainment Final POs and PSOs attainment through direct method is evaluated by taking the average of POs and PSOs attainment of all the courses in the academic year.

B.Indirect assessment tools:

Alumni survey and Employer survey are given a weightage of 25% each and Program exit survey given a weightage of 50%. Overall POs and PSOs attainment level through indirect method is evaluated by converting the survey values into the scale of 3.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://docs.google.com/spreadsheets/d/1KB yJVNZLkFDP-6EkdrtgYvS1dbEUMPedrSGcTXuIAts/edit?gid=0#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

235

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/2023-24.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/pdfs/Feedbacks/Student/Sample%20Analysis%20of%20Students%20Feedback.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

3.1.1.1 - Total Grants from Government and non-governmental agencies for research

projects / endowments in the institution during the year (INR in Lakhs)**0.01**

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

3.1.2 - Number of 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**

1

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	View File
Paste link to funding agency website	https://www.tnskill.tn.gov.in/

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.

Naan Mudhalvan Government Scheme

All students are involved in the Naan Mudhalvan Government Scheme in which learning the recent industry need topics and the session are handled by various Industries. Staff act as mentor undergoes training and train the students.

Entrepreneurship Development cell

PETEC ED -cell was constituted in the year of 2009 and it is functioning with the motive of promoting entrepreneur skill among students. The ED cell has the aim of conducting at least two programs in a semester.

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.

Staff are encouraged to take part in professional bodies to share their knowledge of research. Encourage the staff to apply for funded projects in government sector.

PATENTS

Three faculties have patents in the Academic Year 2023-24.

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

41

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

46

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

9

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 schools and village people. Awareness was created among the people. Pamphlets containing natural healthy food were distributed to the society.

Awareness Program

Various awareness program were conducted by students in the nearby schools and location. Diabetics awareness, Helmet awareness, fire and safety, women safety, Drug Addiction, mobile addiction etc. Various social awareness activities are conducted. Benefits of Yoga and Women Empowerment awareness were given.

Swachh Bharat Abhiyan

It is the most significant cleanliness campaign by the Government of India. Its responsibility of the entire citizens to keep their surrounding clean. Community people were encouraged to maintain their surrounding clean. Thus the students of our college have initiated one steps towards- cleanliness.

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

20

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

1066

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

63

File Description	Documents
e-copies of related Document	No File Uploaded
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

5

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Yes, The institution is situated on a sprawling 36-acre campus with a built-up area of 34,545 square meters, featuring high-standard buildings that provide a conducive environment for teaching and learning. The campus includes well-designed classrooms equipped with proper ventilation and ICT facilities, ensuring a blend of traditional and technology-enabled learning. Numerous laboratories are available, fully equipped to cater to the practical needs of various disciplines, fostering hands-on learning and skill development. A state-of-the-art auditorium facilitates the hosting of seminars, conferences, and cultural events, while the library, enriched with a vast collection of resources, supports academic and research activities. The institution ensures regular maintenance and upgrades to the infrastructure, creating an environment that meets the academic needs of both students and faculty.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/175pBvdMtxYSo43YbUJPIQgfosFPooWHr/view

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

Yes. The institution provides extensive facilities for sports, cultural activities, and wellness, ensuring a holistic development environment for students and staff. For outdoor sports, the campus is equipped with a 400-meter track, facilities for long jump, triple jump, high jump, and events such as shot put, discus, javelin throw, and hammer throw. Dedicated grounds and courts are available for cricket, football, handball, volleyball, kabaddi, badminton, tennikoit, and throwball. Indoor games are equally prioritized, with facilities for table tennis, chess, and carrom. The institution also features separate gymnasiums for men and women, equipped with modern fitness equipment to promote physical well-being.

Yoga is an integral part of campus life, with professional trainers from reputed organizations providing yoga training to students and staff. The institution also celebrates International Yoga Day annually, fostering awareness of physical and mental wellness. Cultural activities are actively encouraged, offering students and community members opportunities to connect with diverse cultures through events and programs. These cultural events, held annually, serve as a platform for students to develop personal skills such as confidence, teamwork, time management, and organizational abilities, enriching their overall campus experience.

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://docs.google.com/spreadsheets/d/1agEJDcw9sHjC5KcXbJ-U5cR47mBXrdWdlVLagck6c5E/edit?gid=1486200394#gid=1486200394
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)

147.35

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, The library is fully automated using the Integrated Library Management System (ILMS) software, INSPRO PLUS (Version 6.1), implemented in 2002. The automation encompasses key library operations such as cataloging, circulation, and access through OPAC (Online Public Access Catalog), providing users with efficient and quick access to library resources.

The automation ensures streamlined library transactions and enhanced user experience for both students and faculty. The system supports integration with the Digital Library, enabling access to

e-resources and inter-library loan services. Regular updates to the system ensure that it remains efficient and user-friendly.

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)

3.07

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

70

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 ensures the availability of adequate and frequently updated information technology (IT) facilities, including campus-wide Wi-Fi and internet connectivity. The institution is equipped with 430 internet-connected computers strategically located across various departments and labs. It boasts well-equipped smart classrooms and conference halls outfitted with modern facilities such as LCD projectors. System Administration Cell (SAC) is constituted to cater to the needs of IT-related issues on campus, such as software, hardware, and networking; website site design and maintenance; email, SMS solutions, etc. The IT infrastructure is backed by an UPS to ensure smooth operations and prevent disruptions. Network security is guaranteed through a dedicated hardware firewall, which protects against potential threats. The campus network supports a 100 Mbps dedicated lease line with Wi-Fi, enabling seamless internet access for academic, administrative, and research purposes. The institution provides a variety of computing resources, including printers, software, databases, and campus-wide networking solutions. These facilities support critical activities such as remote learning, conferences, collaborative research, alumni relations, industry connections, and government-led competitive

examinations. Additionally, the college offers faculty and students access to Google G-Suite, including group mail services and individual accounts with up to 1 TB of storage via Google Apps. This infrastructure fosters collaboration, enhances productivity, and ensures scalability for the institution's growing needs.

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%202023%2024.pdf

4.3.2 - Number of Computers

430

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

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

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

4.4 - Maintenance of Campus Infrastructure

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

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

269.3

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 dedicated Electrical Maintenance Engineer oversees the electrical systems on campus, ensuring their efficient functioning. The institution has an efficient housekeeping system comprising gardeners and sweepers, managed by a specifically appointed supervisor. Part of the housekeeping activities is outsourced to ensure professional upkeep. Additionally, the college employs full-time skilled personnel, including electricians, plumbers, carpenters, and welders, to handle the regular maintenance of infrastructure and equipment. These personnel address repairs related to fittings, furniture, electrical and water supply networks, motors, and pump sets. Classrooms, office rooms, and corridors are cleaned daily, while furniture and ceilings are dusted weekly.

Fire extinguishers are strategically installed and maintained in all laboratories and prominent areas such as student, faculty, and visitor zones to ensure safety. The Reverse Osmosis (RO) plant is under an annual maintenance contract, with membranes replaced as needed. An exclusive supervisor is assigned to oversee its functioning and maintenance. Additionally, earth connections for all electrical equipment are inspected every two months by electricians to ensure safety compliance.

The library is managed by qualified professionals who oversee the organization, cataloging, and circulation of resources. The Integrated Library Management System (ILMS) software, INSPRO PLUS, streamlines library operations, including book issuance, returns, and access to digital resources. A library advisory committee regularly reviews user requirements and recommends the procurement of new books and journals, ensuring the library remains well-resourced and user-friendly.

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/2023-24%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

183

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

146

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	www.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

106

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

106

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student

B. Any 3 of the above

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

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

106

File Description	Documents
Self-attested list of students placed	No File Uploaded
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	No File Uploaded
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

2

File Description	Documents
Upload supporting data for the same	No File Uploaded
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.

19

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

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

The Institute encourages participation of student representatives in various academics and administrative committees. Students' opinions and suggestions are considered to take measures in view of students' perception. For the holistic development of the students various extra and co-curricular activities are available in the campus. In order to develop technical skills, managerial skills and to bring leadership quality to our students various departments formed associations and conducts many symposiums, workshops and guest lecturers every academic year. NSS in the institute aims at arousing social consciousness of the youth with an overall objective of personality development through community service. Various social service programs and awareness programs are conducted by the club.

YRC functions with the aim of serving people under distress and to foster better friendly relationship with all, without any discrimination. Students involve and organize blood donation camps, rural health and sanitation awareness programs in the nearby villages and schools. Hostel executive members play a major role regarding food quality, hygiene and other general facilities. They voluntarily monitor day to day activities and bring to the notice of the warden and take initiatives to bring forth academic improvement.

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

38

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

5.4 - Alumni Engagement

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

For the last two decades PETEC is heralding a decisive impact on society. The Alumni Cell serves as an interface between PETEC and the Alumni. It organizes alumni reunions. Notable alumni meets are held at Dubai, Chennai, Kerala, Ooty and other important places. Alumni who are now field experts bring their knowledge back to their alma mater through technical sessions, guest lectures and campus drives. 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.

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

5.4.2 - Alumni contribution during the year D. 1 Lakhs - 3Lakhs (INR in Lakhs)

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:

Transforming learners into highly competent engineers in research and skilled professionals with social and ethical responsibility.

Mission:

M1: Generating competent engineers in research and skilled professionals through competent faculty, quality infrastructure, laboratory resources and equipment.

M2: To provide skill and competency programmes and projects addressing societal problems.

M3: To provide avenues for developing entrepreneurial skills and to create an urge for higher studies in core and interdisciplinary 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/2023-24%20DVV.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/2023-24%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 2024 - 2029

- To get NBA Accreditation.
- To attain Autonomous status.
- To motivate all the faculty members to accomplish Ph.D.
- To Improve the Employability skills of the students.
- To improvise upon the funded projects with special focus on Government funded projects.
- Establish and operationalize centre of excellence.
- To encourage faculty members to publish papers in reputed International/National Journals with 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 scientific knowledge to the academic community by conducting international and national level 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%20for%20Strategic%20Plan%20in%2034th%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 29 committees.

The governing body guides the college to fulfill 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/2023-24%20Reframed%20Service%20Rule.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/Restructured%20Organization%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

Responses :

- 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.
- Maternity Leave may be granted to married female permanent employees, who have completed two years of service for a period of 3 months at a time during her confinement and only for two occasions in the entire period of her service in the Institution.
- 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/2023-24/DVV.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

102

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

8

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

103

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/2023-24/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.

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%20Managemen%20and%20Resource%20Mobilization/Cr%206.4.1%20Audited%20Statement/2023-2024.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)

5.03

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
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%20Mobilization%20of%20Fund/Audit%202024.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/2023-24/IQAC.pdf
Upload any additional information	View File

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

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/2023-24/IQAC.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%20%20Governance%20Leadership%20and%20Management/Cr%206.5%20Internal%20Quality%20Assurance%20System/Cr%206.5.3%20Quality%20Assurance%20Initiatives/Annual%20Report/26th.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
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.

File Description	Documents
Annual gender sensitization action plan	https://docs.google.com/spreadsheets/d/1ki9-udeJpwLM2qjA69XsS7kpCg8jODRL/edit?gid=1020450848#gid=1020450848
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/1nE0XYKo7Fta-iRcSkvBxep4JW7AZFhWN/edit?gid=1853697605#gid=1853697605https://docs.google.com/spreadsheets/d/1nE0XYKo7Fta-iRcSkvBxep4JW7AZFhWN/edit?gid=1853697605#gid=1853697605

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	No File Uploaded
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus A. Any 4 or all of the above

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

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the A. Any 4 or all of the above

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

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms.

Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment

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

B. Any 3 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	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.

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

Values are our guidelines for our success - our paradigm about what is acceptable. 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 (Truthfulness and trustworthiness), caring, kindness, courage, sharing, time management, adjustment (cooperation), 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. Ethics is an activity which concerns the investigation of moral values in moral issues. As an Engineer is concerned he/she should have an ethical as well as a social responsibility to himself, to his subordinates and to his society. The set of standards adopted by professionals is called Professional ethics. Every profession like teaching, medicine, law etc has its own professional ethics. The set of ethical standards that are applicable for an engineering profession is known as Engineering ethics. In our college we are conducting several programs related to Human Values and Ethics to enhance the character of the students.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://docs.google.com/spreadsheets/d/1hd_t120gY68pZSCj3prlIp2O9Wolr2PNt/edit?gid=364828196#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

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

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

The college believes in celebrating events and festivals in college. It is an integral part of learning and building a strong cultural belief in a student. The College makes tremendous efforts in celebrating the national and international days, events and festivals throughout the year 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.

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

7.2 - Best Practices

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

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%20%20Institutional%20Values%20and%20Best%20Practices/Cr%207.2%20Best%20Practices/2023-24/Best%20Practices.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. Preparing for this incredible achievement attained in the third year boosts their self confidence and grooms them for bright career prospects.

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. 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 is 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%20%20Curricular%20Aspects/Cr%201.1%20Curricular%20Planning%20and%20Implementation/Cr%201.1.2%20The%20Institution%20Adheres%20to%20the%20Academic%20Calendar/2023-24%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)

11

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

960

File Description	Documents
Any additional information	No File Uploaded
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

99

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships	
490	
File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File
1.4 - Feedback System	
1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	A. All of the above
File Description	Documents
URL for stakeholder feedback report	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	View File
1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
File Description	Documents
Upload any additional information	View File
URL for feedback report	https://petengg.ac.in/pdfs/Feedbacks/Student/Sample%20Analysis%20of%20Students%20Feedback.pdf
TEACHING-LEARNING AND EVALUATION	

2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment Number Number of students admitted during the year	
2.1.1.1 - Number of students admitted during the year	
466	
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	
152	
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	
<p>Advanced learners are continuously encouraged to strive for higher goals by providing them additional inputs for better careerplanning and growth like:</p> <ul style="list-style-type: none"> • Encouraging them to prepare for competitive examinations like GATE, TRB & ISRO. • Encouraging them to participate in classroom seminars, group discussions, technical quizzes for developing analytical,problem solving and presentation skills & leadership qualities • Encouraging the students to publish their project papers in International Journals and conferences. • To bring out the hidden skills from Advance learners,eventssuch as the SkillAssessing contest -Gem of PET are conductedevery year to find the best student 	

among advanced learners Best Outgoing student & Best Outstanding student events are conducted.

Slow learners: One faculty member is assigned as a 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. Mentors develop a rapport with the concerned students through personal interactions and counseling is provided for the needy students. After each IAT examination performance of students will be informed to parents through Post.

File Description	Documents
Paste link for additional information	https://docs.google.com/spreadsheets/d/1vHqlbZhIlehAolPb6VkB6ldvV7TCVkdZ4GfNkNxThBw/edit?gid=0#gid=0
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
1163	106

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.

All branches have projects based Learning. The faculties guide the students in preparation of projects. All departments have

project work in their 8th semester.

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 contests, 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/1ThyB_HuyEgsIfr2nDAuFy-erN2aP1WUQO2LeknDezzI/edit?gid=0#gid=0

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 updating of knowledge in tune with up and coming trends to develop the teaching-learning process using the 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. Ematerials are posted by the entire faculty for the subjects handled by them and it is accessible to the students. Multiple choice questions type tests 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 ScienceDirect, IEEE are provided to students to improve their learning experience. The college has a 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

81

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

88

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

19

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

5 years 7 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 verifies the pattern, quality and correctness of the question papers prepared for the unit tests and ensures 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.

- Student's Performance and Subject Analysis for each IAT are submitted to the Principal for analyzing the Academic strength of students.
- The senior faculty members are identified by the University for setting the question papers.
- The college sanctions 'On duty' permission to the teachers going for central valuation of answer papers organized by the University.
- The institution creates awareness to the students on the procedures for revaluation through circulars and classtutors.
- Internal examination schedule, seating are displayed on the notice board in advance. Three internal examinations are held per semester.
- Changes in schedules, patterns, methods if any, are immediately notified to the students through notice boards and also through classroom briefing by the concerned subject teachers.
- The subject teacher briefs the students in the classroom about their attendance and performance in the internal examinations.

File Description	Documents
Any additional information	View File
Link for additional information	https://docs.google.com/spreadsheets/d/15xICTVn4WWbA88jNut0rkCcytGXC1CpOZjCBqqV12io/edit?gid=0#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 coordinators for their department for conducting Internal Examination. Institute maintains complete transparency in this process.

The Head of the Department supervises 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 the evaluation in a transparent and fair manner, the marks are entered in the Anna University Web Portal as per the schedule.

The examination proceedings of each department are overseen by the HOD's and senior faculties who also take up the responsibility of redressing the grievances if any. Students can also approach the Principal in case of requirement. If the student is absent/fails due to valid reason for a particular internal examination, retest can be conducted for that student. With the approval of HOD, senior tutor and subject in-charge retest can be taken by the student. Retest papers are evaluated immediately after the examination. The Chief Superintendent is appointed by the Principal to interact with the University regarding the grievances of the students if any need arises.

File Description	Documents
Any additional information	View File
Link for additional information	https://accr.petengg.ac.in/NAAC/NAAC/Criteria%20%20Teaching%20Learning%20and%20Evaluation/Cr%202.5%20Evaluation%20Process%20and%20Reforms/Cr%202.5.2%20Mechanism%20to%20Deal%20with%20Internal%20Examination%20Related%20Grievances/2023-24%20Revaluation.pdf

2.6 - Student Performance and Learning Outcomes

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

All departments in the institute have defined their POs & COs along with vision, mission following a particular mechanism. Program Education Objectives, Program Outcomes and Course Outcomes for all programs offered by the Institute are clearly stated, displayed on the College website and communicated to teachers and students. Course outcomes are mentioned in the syllabus which is also copied in the course file for each course. Each faculty member prepares the academic plan for

their respective courses at the very beginning of the semester. The Programme Specific Outcomes (PSO) are designed by the concerned Departments with their respective vision, mission and scope of the programme. The Course Outcomes (CO) are formulated by the Department in consideration with the course teachers and with expected cognitive, affective and psychomotor learning levels. POs and COs are part of this academic plan. Course outcomes for each courses are displayed in college website, notice board. While addressing the students, the HODs create awareness on POs, PSOs and COs. The faculty members, class teachers, mentors, course coordinators, program/ISO coordinators also inform the students and create awareness and emphasize the need to attain the outcomes.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://docs.google.com/spreadsheets/d/19S9WrgjdcNxq8owB_6Aw4MwyPYSZpds83tKVUK9rTOU/edit?gid=0#gid=0
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.

80% weightage is given to attainment through Direct assessment and 20% weightage is given to attainment through Indirect assessment.

A. Direct assessment tools: The marks gained by the students for every CO is taken and the threshold value is set as 50% of maximum mark for every CO.

The set attainment level is greater than or equal to 50% of student above 50% (Threshold)- 1 (Low).

The attainment level is greater than or equal to 60% of student above 50%(Threshold) - 2 (Medium) .

The attainment level is greater than or equal to 80% of student above 50%(Threshold) - 3 (High).

COs Vs POs and PSOs Mapping has been done for every course and its average is calculated which is recorded in course data sheets.

POs and PSOs attainment of a course = (COs, POs and PSOs mapping average * actual COs attainment)/maximum attainment
Final POs and PSOs attainment through direct method is evaluated by taking the average of POs and PSOs attainment of all the courses in the academic year.

B. Indirect assessment tools:

Alumni survey and Employer survey are given a weightage of 25% each and Program exit survey given a weightage of 50%. Overall POs and PSOs attainment level through indirect method is evaluated by converting the survey values into the scale of 3.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://docs.google.com/spreadsheets/d/1KByJVNZLkFDP-6EkdrtgYvS1dbeUMPedrSGcTXuIAts/edit?gid=0#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

235

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/2023-24.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/pdfs/Feedbacks/Student/Sample%20Analysis%20of%20Students%20Feedback.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

0.01

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

3.1.2 - Number of 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**

1

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	View File
Paste link to funding agency website	https://www.tnskill.tn.gov.in/

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.

Naan Mudhalvan Government Scheme

All students are involved in the Naan Mudhalvan Government Scheme in which learning the recent industry need topics and

the session are handled by various Industries. Staff act as mentor undergoes training and train the students.

Entrepreneurship Development cell

PETEC ED -cell was constituted in the year of 2009 and it is functioning with the motive of promoting entrepreneur skill among

students. The ED cell has the aim of conducting at least two programs in a semester.

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.

Staff are encouraged to take part in professional bodies to share their knowledge of research. Encourage the staff to apply for funded projects in government sector.

PATENTS

Three faculties have patents in the Academic Year 2023-24.

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

41

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

46

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

9

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 schools and village people. Awareness was created among the people. Pamphlets containing natural healthy food were distributed to the society.

Awareness Program

Various awareness program were conducted by students in the nearby schools and location. Diabetics awareness, Helmet awareness, fire and safety, women safety, Drug Addiction, mobile addiction etc. Various social awareness activities are conducted. Benefits of Yoga and Women Empowerment awareness were given.

Swachh Bharat Abhiyan

It is the most significant cleanliness campaign by the Government of India. Its responsibility of the entire citizens to keep their surrounding clean. Community people were encouraged to maintain their surrounding clean. Thus the students of our college have initiated one steps towards cleanliness.

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

20

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

1066

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

63

File Description	Documents
e-copies of related Document	No File Uploaded
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

5

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Yes, The institution is situated on a sprawling 36-acre campus with a built-up area of 34,545 square meters, featuring high-standard buildings that provide a conducive environment for teaching and learning. The campus includes well-designed classrooms equipped with proper ventilation and ICT facilities, ensuring a blend of traditional and technology-enabled learning. Numerous laboratories are available, fully equipped to cater to the practical needs of various disciplines, fostering hands-on learning and skill development. A state-of-the-art auditorium facilitates the hosting of seminars, conferences, and cultural events, while the library, enriched with a vast collection of resources, supports academic and research activities. The institution ensures regular maintenance and upgrades to the infrastructure, creating an environment that meets the academic needs of both students and faculty.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/175pBvdMt_xYSo43YbUJPIQqfosFPooWHR/view

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

Yes. The institution provides extensive facilities for sports,

cultural activities, and wellness, ensuring a holistic development environment for students and staff. For outdoor sports, the campus is equipped with a 400-meter track, facilities for long jump, triple jump, high jump, and events such as shot put, discus, javelin throw, and hammer throw. Dedicated grounds and courts are available for cricket, football, handball, volleyball, kabaddi, badminton, tennikoit, and throwball. Indoor games are equally prioritized, with facilities for table tennis, chess, and carrom. The institution also features separate gymnasiums for men and women, equipped with modern fitness equipment to promote physical well-being.

Yoga is an integral part of campus life, with professional trainers from reputed organizations providing yoga training to students and staff. The institution also celebrates International Yoga Day annually, fostering awareness of physical and mental wellness. Cultural activities are actively encouraged, offering students and community members opportunities to connect with diverse cultures through events and programs. These cultural events, held annually, serve as a platform for students to develop personal skills such as confidence, teamwork, time management, and organizational abilities, enriching their overall campus experience.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1xB9Z_IM5_2bm3xytYtwq4U0NCbleFikaY/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://docs.google.com/spreadsheets/d/1agEJDcw9sHjC5KcXbJ-U5cR47mBXrdWdlVLagck6c5E/edit?gid=1486200394#gid=1486200394
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)

147.35

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, The library is fully automated using the Integrated Library Management System (ILMS) software, INSPRO PLUS (Version 6.1), implemented in 2002. The automation encompasses key library operations such as cataloging, circulation, and access through OPAC (Online Public Access Catalog), providing users with efficient and quick access to library resources.

The automation ensures streamlined library transactions and enhanced user experience for both students and faculty. The system supports integration with the Digital Library, enabling access to e-resources and inter-library loan services. Regular updates to the system ensure that it remains efficient and user-

friendly.

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%20%20Infrastructure%20and%20Learning%20Resources/Cr%204.2%20Library%20as%20a%20Learning%20Resource/Cr%204.2.1%20Library%20is%20Automated%20Using%20Integrated%20Library%20Management%20System/Insproplu s.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)

3.07

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

70

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 ensures the availability of adequate and frequently updated information technology (IT) facilities, including campus-wide Wi-Fi and internet connectivity. The institution is equipped with 430 internet-connected computers strategically located across various departments and labs. It boasts well-equipped smart classrooms and conference halls outfitted with modern facilities such as LCD projectors. System Administration Cell (SAC) is constituted to cater to the needs of IT-related issues on campus, such as software, hardware, and networking; website site design and maintenance; email, SMS solutions, etc. The IT infrastructure is backed by an UPSto ensure smooth operations and prevent disruptions. Network security is guaranteed through a dedicated hardware firewall, which protects against potential threats. The campus network supports a 100 Mbps dedicated lease line with Wi-Fi, enabling seamless internet access for academic, administrative, and research purposes. The institution provides a variety of computing resources, including printers, software, databases, and campus-wide networking solutions. These facilities support critical activities such as remote learning, conferences, collaborative research, alumni relations, industry connections,

and government-led competitive examinations. Additionally, the college offers faculty and students access to Google G-Suite, including group mail services and individual accounts with up to 1 TB of storage via Google Apps. This infrastructure fosters collaboration, enhances productivity, and ensures scalability for the institution's growing needs.

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%202023%2024.pdf

4.3.2 - Number of Computers

430

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

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

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

4.4 - Maintenance of Campus Infrastructure

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

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

269.3	
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
<p>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.</p> <p>A dedicated Electrical Maintenance Engineer oversees the electrical systems on campus, ensuring their efficient functioning. The institution has an efficient housekeeping system comprising gardeners and sweepers, managed by a specifically appointed supervisor. Part of the housekeeping activities is outsourced to ensure professional upkeep. Additionally, the college employs full-time skilled personnel, including electricians, plumbers, carpenters, and welders, to handle the regular maintenance of infrastructure and equipment. These personnel address repairs related to fittings, furniture, electrical and water supply networks, motors, and pump sets. Classrooms, office rooms, and corridors are cleaned daily, while furniture and ceilings are dusted weekly.</p> <p>Fire extinguishers are strategically installed and maintained in all laboratories and prominent areas such as student, faculty, and visitor zones to ensure safety. The Reverse Osmosis (RO) plant is under an annual maintenance contract, with membranes replaced as needed. An exclusive supervisor is assigned to oversee its functioning and maintenance. Additionally, earth connections for all electrical equipment are inspected every two months by electricians to ensure safety compliance.</p> <p>The library is managed by qualified professionals who oversee the organization, cataloging, and circulation of resources. The Integrated Library Management System (ILMS) software, INSPRO PLUS, streamlines library operations, including book issuance, returns, and access to digital resources. A library advisory committee regularly reviews user requirements and recommends</p>	

the procurement of new books and journals, ensuring the library remains well-resourced and user-friendly.

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/2023-24%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

183

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

146

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	www.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	
106	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
106	
File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File
5.1.5 - The Institution has a transparent mechanism for timely redressal of student	B. Any 3 of the above

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

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

106

File Description	Documents
Self-attested list of students placed	No File Uploaded
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	No File Uploaded
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

2

File Description	Documents
Upload supporting data for the same	No File Uploaded
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.

19

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

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

The Institute encourages participation of student representatives in various academics and administrative committees. Students' opinions and suggestions are considered to take measures in view of students' perception. For the holistic development of the students, various extra and co-curricular activities are available in the campus. In order to develop technical skills, managerial skills and to bring leadership quality to our students, various departments formed associations and conducts many symposiums, workshops and guest lecturers every academic year. NSS in the institute aims at arousing social consciousness of the youth with an overall objective of personality development through community service. Various social service programs and awareness programs are conducted by the club.

YRC functions with the aim of serving people under distress and to foster better friendly relationship with all, without any discrimination. Students involve and organize blood donation camps, rural health and sanitation awareness programs in the nearby villages and schools. Hostel executive members play a major role regarding food quality, hygiene and other general facilities. They voluntarily monitor day to day activities and bring to the notice of the warden and take initiatives to bring forth academic improvement.

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

38

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

5.4 - Alumni Engagement

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

For the last two decades PETEC is heralding a decisive impact on society. The Alumni Cell serves as an interface between PETEC and the Alumni. It organizes alumni reunions. Notable alumni meets are held at Dubai, Chennai, Kerala, Ooty and other important places. Alumni who are now field experts bring their knowledge back to their alma mater through technical sessions, guest lectures and campus drives. 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.

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) D. 1 Lakhs - 3Lakhs

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:

Transforming learners into highly competent engineers in research and skilled professionals with social and ethical responsibility.

Mission:

M1: Generating competent engineers in research and skilled professionals through competent faculty, quality infrastructure, laboratory resources and equipment.

M2: To provide skill and competency programmes and projects addressing societal problems.

M3: To provide avenues for developing entrepreneurial skills and to create an urge for higher studies in core and interdisciplinary 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/2023-24%20DVV.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/2023-24%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 2024 - 2029

- To get NBA Accreditation.
- To attain Autonomous status.
- To motivate all the faculty members to accomplish Ph.D.

- To Improve the Employability skills of the students.
- To improvise upon the funded projects with special focus on Government funded projects.
- Establish and operationalize centre of excellence.
- To encourage faculty members to publish papers in reputed International/National Journals with 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 scientific knowledge to the academic community by conducting international and national level 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%20for%20Strategic%20Plan%20in%2034th%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 29 committees.

The governing body guides the college to fulfill 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/2023-24%20Reframed%20Service%20Rule.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/Restructured%20Organization%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 inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Responses :

- 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.
- Maternity Leave may be granted to married female permanent employees, who have completed two years of service for a period of 3 months at a time during her confinement and only for two occasions in the entire period of her service in the Institution.
- 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/2023-24/DVV.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

102

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

8

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

103

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/2023-24/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.

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/2023-2024.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)

5.03

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
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%20Management%20and%20Resource%20Mobilization/Cr%206.4.3%20%20Mobilization%20of%20Fund/Audit%202024.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/2023-24/IQAC.pdf
Upload any additional information	View File

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

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/2023-24/IQAC.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%206.5%20Internal%20Quality%20Assurance%20System/Cr%206.5.3%20Quality%20Assurance%20Initiatives/Annual%20Report/26th.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
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.

File Description	Documents
Annual gender sensitization action plan	https://docs.google.com/spreadsheets/d/1ki9-udeJpwLM2qjA69XsS7kpCg8jODRL/edit?gid=1020450848#gid=1020450848
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/1nE0XYKo7Fta-iRcSkvBxep4JW7AZFhWN/edit?gid=1853697605 https://docs.google.com/spreadsheets/d/1nE0XYKo7Fta-iRcSkvBxep4JW7AZFhWN/edit?gid=1853697605#gid=1853697605

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	No File Uploaded
Geo tagged photographs of the facilities	View File

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

A. Any 4 or all of the above

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

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

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

A. Any 4 or all of the above

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

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

B. Any 3 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	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.

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

Values are our guidelines for our success - our paradigm about what is acceptable. 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 (Truthfulness and trustworthiness), caring, kindness, courage, sharing, time management, adjustment (cooperation), 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. Ethics is an activity which concerns the investigation of moral values in moral issues. As an Engineer is concerned he/she should have an ethical as well as a social responsibility to himself, to his subordinates and to his society. The set of standards adopted by professionals is called Professional ethics. Every profession like teaching, medicine, law etc has its own professional ethics. The set of ethical standards that are applicable for an engineering profession is known as Engineering ethics. In our college we are conducting several programs related to Human Values and Ethics to enhance the character of the students.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://docs.google.com/spreadsheets/d/1hdtl20gY68pZSCj3prlIp2O9Wolr2PNt/edit?gid=364828196#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	No File Uploaded
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

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

The college believes in celebrating events and festivals in college. It is an integral part of learning and building a strong cultural belief in a student. The College makes tremendous efforts in celebrating the national and international days, events and festivals throughout the year 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.

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

7.2 - Best Practices

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

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/2023-24/Best%20Practices.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. Preparing for this incredible achievement attained in the third year boosts their self confidence and grooms them for bright career prospects.

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

7.3.2 - Plan of action for the next academic year

- To improve the quality in teaching-learning process by

undertaking quality-related research studies, consultancy and training programmes

- To conduct more number of activities that will help students and staff to develop these skills
- To increase the Extension activities in next academic year.
- To develop more formal associations through MoUs
- To facilitate the college for continuous upgradation.
- To organise more seminars, conferences and workshops
- To create awareness and initiate measures for protecting and promoting environment
- To monitor Quality Assurance and Quality Enhancement activities
- To support various Staff Welfare measures.
- To facilitate Faculty and Student Exchange Programmes with Other Academic Institutions and Linkages
- To foster and strengthen relationship through Faculty and Student Exchange Programmes
- To devise techniques to improve Teaching Learning & Evaluation process
- To continue to provide formal education to needy and deserving students
- To arrange career guidance programmes
- To emerge as an exemplar to other colleges