YEARLY STATUS REPORT - 2022-2023

Part A	
Data of the Institution	
1.Name of the Institution	P.A. College of Engineering and Technology (Autonomous)
• Name of the Head of the institution	Dr.T.Manigandan
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	04259 221387
• Alternate phone No.	9865899226
• Mobile No. (Principal)	9443584648
• Registered e-mail ID (Principal)	manigandan_t@yahoo.com
• Address	Palladam Road, Puliampatti, Pollachi
• City/Town	Coimbatore
• State/UT	Tamil Nadu
• Pin Code	642002
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	29/04/2019
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**Self-financing**
• Name of the IQAC Co-ordinator/Director	**Dr.K.Saritha**
• Phone No.	**04259221387**
• Mobile No:	**8248027754**
• IQAC e-mail ID	**iqac@pacolleges.org**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.pacolleges.org/images/IQAC/AQAR_%202021-22.pdf
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.pacolleges.org/images/IQAC/Academic%20Calandar%202022-2023.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.03**	**2016**	**16/09/2016**	**31/12/2024**

6.Date of Establishment of IQAC	**17/06/2015**

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Computer Science and Enginnering, Mr.S.Sureshkumar	**Symposium**	**CSIR**	**01/07/2022**	**30,000**
Computer Science and Enginnering, Dr.A.Kalliappan	**Symposium**	**CSIR**	**15/09/2022**	**25,000**

8.Provide details regarding the composition of the IQAC:		
• Upload the latest notification regarding the composition of the IQAC by the HEI	View File	
9.No. of IQAC meetings held during the year	**3**	
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	**Yes**	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	View File	
10.Did IQAC receive funding from any 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)

- **Preparation and submission of Self Assessment Report to NBA**
- **ISO 9001:2015 Surveillance Audit**
- **Provided support for ensuring the quality of Curriculum and syllabus for the enhancement of Teaching and learning process**
- **Conduct of regular IQAC Internal meeting, assessment and action taken**
- **Students and faculty members were motivated to organize and attend FDP/Conference/Workshop/Seminar in reputed institutions, Participation in NIRF and Stakeholder's feedback reviewed.**

12.Plan of action chalked out by IQAC at 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
Implementation of enriched Regulations 2022 Curricula and Syllabi	1. Students participated and won prizes in co curricular activities. 2. E-resource content is developed and department blogger is created
NBA Self Assessment Report	NBA Self Assessment report prepared and Submitted on April 2023
Participation in NIRF	NIRF details were submitted on 12.01.23
Submission of AQAR for the year 2021-22	AQAR for the academic year 2020-21 was submitted on 26.07.23
IQAC Internal Academic Audit	Conducted for all the departments and report prepared.
To apply for funds to organize seminars/conferences/workshops	Grants received Rs 0.55 Lakhs from various funding agencies
Consultancy Activities	2.528 lakhs Revenue generated from Consultancy during the year
Publish papers in Quality journals	52 papers were published in various journals
To improve Patent filing.	6 Patents have been published during this academic year
To organize quality enhancement programmes to students, teachers and administrative staff.	The same has been conducted

13.Was the AQAR placed before the statutory body?	Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Academic Council and Governing Council	11/01/2023

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
2022-2023	15/02/2024

15.Multidisciplinary / interdisciplinary

Response:
The vision of the National Education Policy is to provide quality education on global standards with diversity for all curricula and pedagogy with technological innovations and teaching-learning processes. The institution is offering a range of programs in engineering to offer a broad spectrum of choices to the students. These diverse sets of courses are helping the institution to promote interdisciplinarily. The students are provided an opportunity to study and master other discipline courses through interdisciplinary electives as well as minor courses in other disciplines of engineering.

The curriculum is a mixture of mathematics, sciences, management, career development courses, values and ethics, humanities, computer sciences, and core engineering. Already the curriculums of engineering programs offered are embedded with about 10-15% of the courses from science and humanities.

The Institution offers flexibility in pursuing the program through the Choice Based Credit System (CBCS). Besides this, two socially relevant projects have to be undertaken by the students mandatorily as part of the curriculum.

The institution is planning to form a research mentoring committee with experts from various disciplines of engineering and relevant sciences to guide the research activities of the Institution.

Thrust areas of research in engineering, technology, sciences, and management will be identified, and Research clusters with faculty and students from various relevant disciplines will be formed to pursue interdisciplinary research.

16.Academic bank of credits (ABC):

Response:

The Institution is creating awareness and providing necessary support to all the students to create their account in 'Academic Bank of Credits' The institution has registered itself under 'Academic Bank of Credits' and will be using this facility in future regulations to offer programs with multiple entries and exits. The institution is actively pursuing collaboration with the top 100 institutions in QS Rankings and Times Higher Education rankings for curriculum delivery, joint research, student exchange, and faculty exchange. In the future revision of academic regulations, to keep up with the commitments of collaborations, a credit transfer facility will be provided.

- The courses are analyzed for the curriculum design, based on the curriculum gaps.
- Identifying the broad knowledge areas based on the American Professional Societies and Curriculum of National and International Centers of Excellence.
- Listing the courses under each knowledge area in ascending order of complexity.
- Preparing the prerequisite flow chart of courses
- Preparing the course content to achieve sequence, continuity, integration, articulation, and balance.
- The BOS of the program monitors the entire process of curriculum design, and development and is periodically reviewed
- Awareness and training of students to register in the ABC portal
- Designing academic regulations in the future to offer programs with multiple entries and exits

17.Skill development:

Response:

- The institution has offered vocational and skill-based programs under various schemes of the UGC. Also, it will offer courses on the soft skills of students in alignment with the National Skills Qualifications Framework (NSQF).
- The institution is offering a few mandatory non-credit courses that help to create awareness among students about the Indian constitution and social responsibilities. The Yoga Centre at

the campus offers an add-on course "Yoga for Positive Health".
- The institution has engaged the services of industry persons to provide skill training in vocations.
- The institute is conducting a skill course - Infosys Campus Connect for students to enrich their soft skills and many students are placed in MNC.

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

Response:

The Institution has an objective of teaching students to learn about, integrate, and apply the knowledge of traditional knowledge to real-life situations. Further, the Department organizes workshops to train students and document the live processes of the making of traditional crafts. In addition, the Department has worked towards the revitalization of cultural resources for communicating positive messages in society.

The faculty and staff of the College are trained from time to time in English and Tamil. In addition, many of the faculty are well versed in the local vernacular and are confident about being able to teach bilingually.

Different undergraduate and post-graduate courses under the departments of Civil Engineering, Computer Science Engineering, Artificial intelligence and Data Science, Information Technology, Electronics and Communication Engineering, Electrical and Electronics Engineering, and Mechanical Engineering conduct various events to promote the Indian languages and traditional knowledge.

To link Indian art- and culture in the teaching-learning process will be strengthened. The linkages between education and culture will be carried out through various online platforms such as SWAYAM and will be extended to provide teachers & students with a structured, user-friendly, rich set of assistive tools for monitoring the progress of learners.

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

Response:

The College has 04 NBA-accredited B.E programmes (CSE, ECE, EEE, MECH), The Twelve Graduate Attributes remain pivotal in developing

the OBE-based curriculum. Efforts were made to conform to the NBA guidelines while defining the programmes outcomes (POs). PEOs were defined considering the vision and mission of the College, and stakeholder inputs. The programme specification by professional association bodies was also consulted. The Departments have developed COs for the courses under various programmes and were mapped to POs and PSOs of the programs. For the individual-level computation of attainment, regular in-house workshops are conducted for faculty and supported with Excel implementation.

The Departments have developed COs for the courses under various programmes and were mapped to POs and PSOs of the programmes. For individual-level computation of attainment, regular in-house workshops are conducted for faculty.

As per the set-up procedure, the implementation at the faculty level starts with the specification of the lesson plan. Lesson plans define unit-wise engagements as per weightage for evaluation and assessment. The units have been mapped to COs.

While setting the question paper, care is taken to ensure unit-wise coverage as per weightage and specification of COs and Bloom Taxonomy levels. Question papers are subjected to moderation for verification of the above. Besides the evaluation of students' performance, the marks awarded against various questions are tabulated against the COs for further analysis and establishment of CO/PO.

The institution organizes training programs and workshops on the implementation of OBE at the College. Outcome-Based Education (OBE) is a pedagogical model that entails the restructuring of curriculum, pedagogy, and assessment practices to reflect the achievement of high-order learning. The model allows the learner to transfer their credits and switch to another institution that is accredited with the OBE syllabus. For students seeking newer skills to propel their careers further, there will always be a higher demand for vocational training

20.Distance education/online education:

Response:

Technology integration ideally should guide, expand, and enhance the objectives of learning. Curriculum integration with technology can take place only when technology as a tool is used to enhance learning in the content area. Effective integration of technology is

achieved when students can select technology tools to help them obtain information promptly, analyze and synthesize the information, and present it professionally. In line with the global shift towards the use of technological tools for enhancing the Teaching-Learning process, various tools are presently used for imparting education in the ODL mode:

1) Collaborative tools like Google Forms/Google Docs are used for information sharing and collection.

2) Use of social media to engage students: Use online platforms like YouTube and Zoom/Google Meet to Conduct classes and presentations.

3) Use of digital platforms for delivery of home-based assignments for students.

4) Provision for delivery of specialized knowledge-based classes on important topics through social media and other related platforms.

Use of Blended Learning: Blended learning mode provides ultimate flexibility in many aspects and is more effective than conventional mode of learning. Some of the key areas that have been constantly making efforts toward blended learning include:

1) Increased student engagement in teaching teaching-learning process, by integrating curriculum with technology.

2) Enhancing the teacher and student interaction.

3) Improved student learning outcomes

4) Collection of student feedback and related information for rapidly analyzing, reviewing, and improvising on stressed areas.

5) Allowing students to learn at their own pace

6) Giving learning autonomy to students by use of e-learning materials/resources

7) Provision of home assignments for all students to support them in dedicating self-study hours towards completion of program requirements.

8) Conduct of Viva Voce Examinations for all research-based courses

Extended Profile

1.Programme	
1.1 Number of programmes offered during the year:	**9**

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.Student	
2.1 Total number of students during the year:	**1427**

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2 Number of outgoing / final year students during the year:	**263**

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	**1406**

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.Academic	
3.1 Number of courses in all programmes during the year:	**425**

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.2 Number of full-time teachers during the year:	**128**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3 Number of sanctioned posts for the year:	**128**

4.Institution

4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**469**
4.2 Total number of Classrooms and Seminar halls	**41**
4.3 Total number of computers on campus for academic purposes	**856**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**294.63281**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Response:

Institution after becoming autonomous in 2019, the framing of curricula and expected outcomes for different courses are decided by applying recognized and expected attributes of graduates in engineering. The programmes include Foundation courses (Basic Science, Engineering Science, Humanities and Social Science), Professional Core, Professional Electives including industry-designed and offered electives, Open Electives, Employability Enhancement Courses, Online Courses, Self-study courses and added credit courses in curricula for providing strong theoretical and

practical foundation with an emphasis on Social/Professional responsibility and Ethical/Environment and Sustainability related issues. Industrial-sponsored laboratories are part of the curricula. Students are encouraged to undergo industrial visits and training/Internships and earn eligible additional credits.

The Institution has been practising Outcome Based Education(OBE). Undergraduate programmes (CSE, ECE, EEE, and MECH) have been accredited by the NBA. Institutions and departments have their vision and mission. Each programme defines its PSOs along with POs and each course has its Course Objectives and Course Outcomes in alignment with the Institution's Mission/Vision.

All UG and PG programmes adopt a Choice Based Credit System(CBCS). Major revisions of regulations along with curricula and syllabi are done once in four years. Minor revisions recommended by the board of study are incorporated into course content.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://www.pacolleges.org/images/IQAC/PEOs, POs,PSOs.pdf

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

4

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

220

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

171

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

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

9

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

Response:

Human Values

To integrate the cross-cutting issues relevant to gender, environment and sustainability, human values and professional ethics, the Institution has incorporated a variety of courses into its curriculum, some of which focus on professional development while others aim to instil general competencies such as social, ethical, and human values, as well as environmental sensitivity, resulting in students' holistic growth. The courses on Ethics and Human Values through NSS and Environmental Studies are embedded in the curriculum of all programmes.

1. Gender Sensitivity

There are many platforms for hands-on experiences related to gender sensitivity which enable students to interface with real-life situations such as field work, community outreach, and gender sensitization activities under the Women's Development Cell (WDC)

2. Human Values and Professional Ethics

A course of three credits on human values "Professional Ethics in Engineering & Technology Management" is offered as a Subject to all the students during the programme of study.

3. Environment studies

All UG programmes contain a three-credit course in environment studies. A variety of activities, such as seminars, workshops, guest lectures, company visits, and field excursions were scheduled for students of all programmes to raise awareness about environmental and sustainability issues.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

10

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	**No File Uploaded**

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

370

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

420

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	**A. All 4 of the above**

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.pacolleges.org/images/autonomous/FEEDBACK%20REPORT.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following	**A. Feedback collected, analysed and action taken made available on the website**

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.pacolleges.org/images/autonomous/FEEDBACK%20REPORT.pdf
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

570

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

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

570

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 students' learning levels and organises special programmes for both slow and advanced learners.

Response:

The institution has planned different strategies that are implemented to address the issues of diversity amidst students' learning levels. The actual stratification of students into slow and advanced learners is based on their performance in the first internal test and a continuous follow-up is taken up by the teaching faculty, faculty advisors, and the Head of the department. Remedial classes are arranged for slow learners beyond the regular class schedule for all courses and individual attention is made for improving students' learning level. The needs of the slow and advanced learners are taken care of through assignments, seminars, mini-projects, and PowerPoint presentations which are found to yield good results. Soft and communication skills are given special emphasis for students from rural backgrounds thereby bringing them to par with regular learners. To support both slow and advanced learners, the college conducts value-added courses and the association organizes various seminars, webinars, workshops, symposiums, conferences, and project contests. Students are encouraged to do NPTEL courses. The institution also focuses on separate aptitude training and coding contests for employability. The feeling of recognition and appreciation of their efforts and skills put them in a good stand.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1NTSQ7gZe7Su pbdHvVI2ygwvRGxN7__EF/view?usp=drive_link

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/06/2022	1427	128

File Description	Documents
Upload 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:

Response:

In the four-year engineering program, the examination comprises two components, the internal assessment component for 40% and the end semester examination component for 60%. For the Internal assessment, there are three cycle tests spread evenly over the entire period of the semester. The tests are conducted centrally for three days, for about one and a half hours with two tests per day. Students are encouraged for their creativity and critical thinking for innovative projects. Some of the projects lead to publications in refereed international journals. Guest lectures by eminent experts from industries and reputed institutions are organized to supplement the teaching process and provide experiential learning. Every student is required to go for at least one industrial visit every year. Value-added courses shall be offered by the departments with prior approval. The purpose of the course is to permit the students to study a course of the student's choice. The institute has adopted e-learning technology like NPTEL lectures; Anna University sponsored 'EDUSAT' lectures and Quality Enhancement in Engineering Education. Under this, faculty members are encouraged to participate in the live classes virtual labs, and tutorials offered by IIT professors.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://drive.google.com/file/d/1xahV6uKsT_z ecqvyKP-Du72zhLzfNGiP/view?usp=drive_link

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Response:

Students need to learn and master the latest technologies to be corporate-ready. As a consequence, teachers are combining technology with traditional modes of instruction to engage students in long-term learning. College uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education. The following tools are used by the Institute ICT Tools:

1. Projectors are available in different classrooms/labs.

2. Printers are installed at Labs, HOD Cabins, and all prominent places.

3. Multifunction printers are available at all prominent places in the institute.

4. Seminar halls are equipped with all digital facilities.

5. Smart Boards are installed on the campus.

6. The auditorium is digitally equipped with a mike, projector, cameras, and computer system.

7. Online Classes are conducted through Zoom, Google Meet, Microsoft Team, and Google Classroom.

Faculty members are encouraged to use PowerPoint presentations by using LCDs and projectors. They are also equipped with digital libraries, online search engines, and websites to prepare effective presentations. Seminar and Conference rooms are digitally equipped where guest lectures, expert talks, and various competitions are regularly organized for students. Students are counseled with the help of Zoom / Google Meet applications.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://docs.google.com/spreadsheets/d/1DyODiWbbmmQUfmXHzSUwcG2lma3avi8M/edit?usp=sharing&ouid=115393233699020522416&rtpof=true&sd=true
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

73

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Response:

Preparation and adherence to Academic Calendar:

An academic calendar is prepared every semester based on the University's academic schedule. The academic calendar provides the total effective working days available in a given semester also the course plan is prepared before the start of the semester with the help of the Academic Calendar. It includes dates of the meetings, examination dates, schedule of association activities and other forums, holidays, etc. Based on the academic calendar, timetable, lesson plan, and course file are prepared. Thus, the academic calendar helps to monitor the effective delivery of the program.

Preparation and Adherence of Teaching Plan:

The concerned faculty member prepares teaching plans for their respective subjects as per the credit allotted in the syllabus(60/45/30 hours). The content delivery mode includes classroom teaching, case studies, role play, workshops, and lab sessions as per the subject requirements. The Principal and HODs monitor the progress of each course and ensure timely and effective completion of a course in the specified time frame with the perfect blend of practical and theoretical inputs. Adherence to the teaching plan is followed by the faculty and details are recorded in the personal logbook.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

128

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	**No File Uploaded**

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

33

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

128

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

32

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	**No File Uploaded**
Upload any additional information	**No File Uploaded**

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

Response:

Examination Process and Evaluation

The COE issues the timetable, two weeks before the commencement of the Semester Examinations. A Nominal Roll is prepared for the examination and COE appoints a Question Paper setter for each course with the approval of the Principal. Then, the Question paper is scrutinized in the COE office confidentially and printed for further process. After the centralized valuation of answer scripts, the results are published on the College website by obtaining approval from the Result Passing Board.

Processes integrating IT

The Examination Hall Tickets are printed using COE portal software with their corresponding details and distributed to the students through HODs. Following the completion of each subject's examination, a random number will be generated using the COE portal, and the COE will arrange for the numbers to be affixed to the answer booklets.

Continuous Internal Assessment System

The Internal test dates are communicated to the students through a circular and two sets of question papers are received from the concerned department based on Bloom's taxonomical verbs. The COE chooses one Set of question papers for examination and the centralized valuation is carried out in the COE office. After Evaluation, the internal test papers are distributed to the students. The marks will be uploaded to the COE portal after verification.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://drive.google.com/file/d/1yZN3TnRiRcJiiFGeCoKCFwhSMIOZXp8_/view?usp=sharing

2.6 - Student Performance and Learning Outcomes

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

Response:

- **Program Outcomes (POs): These represent the knowledge, skills, and attitudes the students should have at the end of a course completion of their respective engineering program.**
- **Course Outcomes (COs): It gives the resultant knowledge and skills the student acquires at the end of each course. It defines the cognitive processes a course provides.**
- **Program Specific Outcomes (PSOs): These are statements that define outcomes of a program that make students realize the fact that the knowledge and techniques learned in this course have a direct implication for the betterment of society and its sustainability.**
- **POs, PSOs, and COs are framed for the courses involving all the faculty members of the department and approved in the BOS, Academic Council meeting and displayed on the Institution website, kept in prominent locations of the campus.**
- **The course outcomes and their mapping with program outcomes and program-specific outcomes are elaborately discussed and derived by the course committee members before the commitments of the class. The importance of the learning outcomes has been communicated to the students at the commencement of class and class committee meetings**

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	[View File](#)
Upload any additional information	[View File](#)
Link for additional Information	https://www.pacolleges.org/images/IQAC/PEOs, POs,PSOs.pdf

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

- **Course Outcomes (COs) are defined for each course and they are mapped to POs and PSOs with weight ages of 3 (Strong), 2 (Medium), and 1 (Weak).**
- **A set of performance evaluation criteria is used for the quantitative assessment of POs, PSOs, and Cos.**
- **Assessment methods include direct and indirect methods.**
- **The direct method is based on internal tests and end semester examinations,(Internal (40% weightage) and External exams (60% weightage)**
- **The internal test performance of the students during the semester in each course is used to compute the level of attainment of the POs, PSOs, and COs through the mapping of questions to POs, PSOs, and COs.**
- **The indirect assessment is done through the Programme – Exit Survey and Alumni Survey.**
- **Rubrics are formulated for the assessment of Laboratory, Project, Seminar, and Internship courses.**
- **The attainment of Course Outcomes of all courses for set attainment levels are given below**

% of CO attainment

>=70%

60% to70%

50% to 60%

CO attainment level

3

2

1

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.pacolleges.org/images/IQAC/PEOs,POs,PSOs.pdf

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

260

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	[View File](#)
Upload any additional information	[View File](#)
Paste link for the annual report	https://drive.google.com/file/d/1O612b2rdIOidhOS2WrImU-_IX0SM2dFp/view?usp=sharing

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://docs.google.com/forms/d/e/1FAIpQLScGmS0kKoX2KajTXnX-zoD9cT4EtObECEC08iXQt6CP6oanLw/viewform

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

Response:

The institute provides all necessary infrastructural facilities and

a conducive environment to promote research activity on the campus. Faculty are encouraged to apply for various funding agencies and pursue their research. The faculty and students are encouraged to present their ideas/project proposals before the research committee.

The faculty and students are given the freedom to choose the research area of their choice and guidance is given to seek funding from various funding agencies and industries. The institute encourages the faculty by providing incentives for peer-reviewed publications, writing books, and filing patents. The institute takes care of the patent filing process, which is governed by the Research policy of the institute. A thorough review is done for all research proposals seeking funds from various funding agencies by consulting the research committee members. This committee also monitors the impact of research and consultancy and ensures non-violation of research & consultancy ethics, professional ethics, the privacy of the people, and human rights, causing problems to the health & safety of human beings and property damage.

Research Centre is established in the CSE and EEE departments of the institute with necessary software and computing facilities for carrying out research activities.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.pacolleges.org/images/RDC/Research%20Policy.pdf
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0.26236

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	No File Uploaded

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

1

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

0

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	No File Uploaded
List of projects and grant details	No File Uploaded
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

0

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	**Nil**
List of research projects during the year	**No File Uploaded**

3.2.3 - Number of teachers recognised as research guides

12

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<u>View File</u>
Institutional data in Prescribed format	<u>View File</u>

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

0

File Description	Documents
Supporting document from Funding Agencies	**No File Uploaded**
Paste link to funding agencies' website	**Nil**
Any additional information	**No File Uploaded**

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

Response:

The Institution has Four recognized research centres to assist research faculty members and scholars with conducting effective research. This would give the students a significant advantage in developing the prototypes of their research projects. 23 PhD's are produced by the research centres established in the college and

7research scholars are working actively in these research centres under 3 recognized guides.

Through research and development, 18 patents have been registered over the past three years. Documentation, publication of research papers, and the acquisition of patent support will be provided by the institution.

Students and faculty members are encouraged to participate actively with the help of recent technology innovations to meet societal requirements and entrepreneurship awareness events. Through the Entrepreneur Development Cell (EDC), awareness meets, workshops, seminars and guest lectures on entrepreneurship are organised. Students are provided opportunities to directly interact with outstanding entrepreneurs excelling in their field through online and offline modes. Also, the college conducts various sponsored programmes to enhance students' mental health and to improve faculty teaching methodologies. The approach offers distinct aspects of intellectual growth and development of individual students as future engineers to suit the growing needs and aspirations of the nation in future. The EDC cell strives to identify entrepreneurial talents in youth and makes efforts to nurture them by way of training and education. The EDC offers mentoring opportunities through its network of familiarizing allies.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1Y_0J3pfcT8cd9BK5VBglrP6guhQwYixb/view?usp=drive_link

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

65

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards	
3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	`A. All of the above`

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

`1`

File Description	Documents
URL to the research page on HEI website	https://www.pacolleges.org/research.html
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	`No File Uploaded`

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

`52`

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	`No File Uploaded`

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

11

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1NfYHkNK-kwUIaCIfVXVBMwV1tUZUT90r/view?usp=drive_link

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

1371

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

18

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

2.528

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	No File Uploaded
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Response:

The college organizes several extension activities to promote the institute-neighborhood community to sensitize the students towards community needs. The students of our college actively participate in social service activities leading to their overall development. The college runs effectively National Service Scheme, Youth Red Cross, Red Ribbon, and Standard clubs. Through these units, the college undertakes various extension activities in the neighborhood community. National Service Scheme organized a seven-day camp in a nearby adopted village and several activities were carried out by

National Service Scheme volunteers addressing social issues which include cleanliness, tree plantation, water conservation through Social interaction, Group discussion Environmental awareness, Women empowerment, National Integrity, Aids awareness, Blood donation camp, Health check-up camp etc. Music, Tamil Mandram, English clubs, and department associations often meet the members of the society through their scheduled programs and impress them to be responsible citizens they want to see others in this world.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.pacolleges.org/nss.html

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

0

File Description	Documents
Number of awards for extension activities in during the year	No File Uploaded
e-copy of the award letters	No File Uploaded
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

13

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

844

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

105

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

25

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

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 equipments, etc.

Response:

P.A. College of Engineering and Technology campus encompasses state of art infrastructural facilities like adequate classrooms, laboratories, an auditorium, a conference hall, seminar halls, a central library, hostels, and a lift. The college maintains an

updated website which provides detailed information about the institution and various events happening in the college.

Classrooms:

The college has 41 well-lit and ventilated classrooms with wide corridors. The size of each classroom is as per the norms specified by AICTE. Each department has ICT-enabled classrooms with LCD projectors and Wi-Fi connectivity for the successful incorporation of technology in teaching.

Laboratories and computing equipment:

There are 51 fully equipped laboratories with advanced equipment in the college. Each department has its computing facility with the latest software to meet its requirements for carrying out academic and research work. The college has 866 computers. The central library is equipped with a digital laboratory to access the e-resources. Incubation Centre, Research & Development and Online Course facilities:

The college has well-established development centres, which provide first-hand experience in entrepreneurship and promote innovation activities. The college has research centres in the departments of Electrical and Computer Science Engineering, which enable the faculty and PG scholars to pursue Ph.D.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drive.google.com/file/d/1JJ-JijezgRvesZ0ClKinwQfiW7WRhS1P/view?usp=sharing

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

Response:

PACET provides a multitude of extra-curricular activities to enrich lives beyond academics. It has well-furnished sports facilities for both indoor (table tennis, chess, and carom) and outdoor games (Football, Volleyball Court, Ball Badminton Court, Handball Court, Basket Ball Court, Cricket Nets (Concrete and Turf Wicket). PACET conducts Anna University zonal tournaments, inter-zonal tournaments,

Intra and inter-department tournaments, and Intramural tournaments. Yoga centers and gymnasiums are available to make the student more fit mentally as well as physically.

Cultural Activities:

It plays an integral role in leisure management. Students' induction program has a separate schedule for creative Arts as mandated by AICTE. Constructively streamlining the positive energy, cultural events act as a binding force for the students. Many activities are offered to ensure that the students have plenty of scope for entertainment and change 'outside the classroom'. Fests like "PAnchamitra", Annual Day, Music Club events, Tamil Mandram activities, and Women's Day celebrations are part of our academic system.

File Description	Documents
Geotagged pictures	[View File](#)
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://drive.google.com/file/d/1az-7OQQHPzb2Aplcom7p6aobLO9Opfu5/view?usp=sharing

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

41

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

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

49.14498

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	**No File Uploaded**

4.2 - Library as a Learning Resource

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

Response:

The Library has an AUTOLIB software package, which is an integrated multi-user library management system that supports all in-house operations of the Library. The database of books available in the Library is being updated regularly. Records of all the Library users have also been created in the AUTOLIB package. All the library activities are computerized, including circulation and separate Online Public Access Catalogue (OPAC) terminals for searching books in the library. All members are encouraged to utilize books for their references.

Library Activity includes

- **Book issue / Return**
- **Due Reminder for Students / Staff**
- **Fine Reports**
- **OPAC (Book Search Engine)**
- **Journal Entries / Book Entries /CD Entries…etc**
- **Member Entries**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1jHO_b-Kfsck k0Q3uh9aFVnQQ_4uD2MFV/view?usp=share_link

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources	**A. Any 4 or more of the above**

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

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

11.69397

File Description	Documents
Audited statements of accounts	View File
Any additional information	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 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

171

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

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

Response:

With the increasing demand for Internet access in educational institutions and the flexibility offered by the Internet - universities, colleges, educational institutes, etc., are keenly stepping forward to set up a secured and stable wired or Wi-Fi network campus for the students. As per the current trend, most of

the students like to carry 3-4 devices with them like mobile, tablets, laptops, iPads, etc. We are providing a BSNL lease line of 100 MBPS and a Wi-Fi facility to students and Faculty at both the hostel as well as on campus. The connectivity through a fully networked campus with state-of-the-art IT infrastructure, computing & communication resources, offers students the facilities of e-mail, net surfing, and up/down loading of web-based applications, besides helping them in preparing projects & seminars. In addition, the Sophos XG firewall is installed to prevent illegal access to the internet. Anti-Spyware & Anti-Spam, Intrusion Prevention System (IPS), Content & Application Filtering, Web Application Firewall, Application Visibility & Control, Bandwidth Management, Multiple Link Management for Load Balancing, and Gateway Failover, over a single platform

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1CFDkipMR4A1 -WhXTpe4qI1deUDk9UEH3/view?usp=sharing

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
1427	856

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

4.3.4 - Institution has facilities for e-content development: Facilities available	A. All four of the above

for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1MXLlWDqHJZyLilGKC52R-dk0pZEPb2pP/view?usp=sharing
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

245.48783

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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

Response:

The Institution's maintenance is carried out by a set of people. Some of the maintenance work carried out in-house is as follows

- **To provide good infrastructure, measures are taken for the proper maintenance of buildings, furniture, and fittings.**
- **Repairs are resolved by the maintenance in-charges round the clock.**
- **Central Library supports by providing textbooks, reference books, journals, and periodicals.**
- **Power supply, Generators, and Electrical Repairs are handled effectively to facilitate the campus with reliable electric power.**
- **To ensure proper water supply to the Institution.**
- **The Institute has an RO plant, which provides a 24/7 drinking**

water facility.
- Washrooms and gyms are well maintained.
- Lab equipment is being maintained with the proper maintenance schedule.
- A separate housekeeping team is engaged for the cleanliness of the campus.
- Proper care is provided for emergencies like medical and fire.
- The Garden is maintained regularly.
- The college has a canteen facility where subsidized food is available for staff and students.
- Every Department has a faculty in charge who checks periodically the condition of classroom/laboratory amenities like benches, chairs, blackboards, fans, lights, and LCDs.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.pacolleges.org/images/IQAC/Policy%20and%20Procedure%20-2022.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1221

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	[View File](#)

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

209

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	https://www.pacolleges.org/images/IQAC/Event%20Report_22-23.pdf
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

925

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

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate

A. All of the above

committees

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	**No File Uploaded**
Upload any additional information	**No File Uploaded**

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

225

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

5.2.2 - Number of outgoing students progressing to higher education

3

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	**No File Uploaded**

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

1

File Description	Documents
Upload supporting data for students/alumni	[View File](#)
Any additional information	[View File](#)

5.3 - Student Participation and Activities

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

74

File Description	Documents
e-copies of award letters and certificates	[View File](#)
Any additional information	[View File](#)

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

Response:

The Student Council is formed to facilitate the students in academic, co-curricular, and extracurricular activities, learn planning, organization, analysis, and execution along with problem-solving skills. This council consists of

- **IQAC helps to develop the system for conscious, consistent, and catalytic action to improve the academic and administrative performance of the institution.**
- **The Class Committee encourages students to interact and express their opinions, and suggestions to improve the effectiveness of the teaching-learning process.**
- **Department Associations encourage students to enrich their academic activities and develop leadership qualities.**
- **The Student Grievance and Welfare Committee addresses student grievances and maintains harmony and discipline among the students.**
- **The anti-ragging committee ensures zero ragging incidents in the Institution and also spreads awareness among students against any type of ragging activities.**
- **Music club and Tamil mandram coordinate various cultural activities and showcase students' cultural talents.**

- **Through Sports, students actively participate in various sports events held at intercollegiate, inter-university, State, National, and International levels.**
- **WDC encourages female students to actively take part in social activities to develop leadership qualities.**
- **EDC/NSS/YRC/RRC Committees are active in carrying out different activities in rural areas, to enhance social awareness and personality development of students.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[https://drive.google.com/file/d/1am2YtoJ4n3i 0iPuk11x_mphwvgKlJCSr/view?usp=drive_link](https://drive.google.com/file/d/1am2YtoJ4n3i0iPuk11x_mphwvgKlJCSr/view?usp=drive_link)

5.3.3 - Number of sports and cultural events / competitions organised by the institution

56

File Description	Documents
Report of the event	[View File](#)
List of sports and cultural events / competitions organised per year	[View File](#)
Upload any additional information	**No File Uploaded**

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

Response

P.A. College of Engineering and Technology, (Autonomous), Pollachi has a strong community of alumni who actively support the development of the institution. PACET alumni are spread all over the world in different cities in Canada, Australia, Germany UAE, etc. Our alumni interact with students and faculty members through several activities including reunions and alumni meets held annually. The alumni association makes significant contributions to meet the financial and non-financial needs of the institution. The following is a list of contributions made by the Alumni Association:

- **Department-level alumni meetings are conducted by the Alumni**

Association every year.

• The alumni members are invited to the college periodically to share their views about work experience and changes in the requirements of the various multinational employers. These interaction practices afford corporate expectations to pedagogy.

• Our Alumni are recruited from reputed institutions and foreign countries and also as successful entrepreneurs of national and international concern that fulfill the vision and mission of our institution.

• The Alumni Association of the college continues to render valuable service to the college by upholding the reputation of the institution individually and by upholding social responsibilities as human beings collectively.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://drive.google.com/file/d/10HCByTWTDLc oduxMiAx3R1XjYFOuebXn/view?usp=drive_link

5.4.2 - Alumni's financial contribution during the year	E. <2 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 an effective leadership in tune with the vision and mission of the Institution

Response:

Vision of the Institute

To progress to become a center of excellence in Engineering and technology through creative and innovative practices in teaching-learning and promoting research and development to produce globally competitive and employable professionals who are psychologically

strong and emotionally balanced with social perception and professional ethics.

Mission of the Institute

To offer academic programs in the emerging areas of Engineering and Technology, provide training and research facilities, and opportunities to promote student and faculty research in collaboration with Industry and Government for sustainable growth.

Perspective Plans:

1. Effective Teaching & Learning Process

2. Research and Development

3. Catering to the social needs

4. Self-Learning & Modern tool usage

5. Creating entrepreneurs for the betterment of the nation.

6. Skill Development and Employability

Participation of the teachers in the decision-making bodies:

The governance of the PACET is decentralized with the Governing Body, Academic Council, Standing Committee, Board of Studies, and Administration. The Major academic decisions are taken by the above academic bodies which also include members of faculty from various departments. The Governing Council is responsible for determining the future direction, overseeing the Institution's activities, and fostering an environment in which the vision and mission of the Institution are achieved.

File Description	Documents
Upload any additional information	[View File]
Paste link for additional Information	https://drive.google.com/file/d/1UOtUpkk4GOb MfGhWKo0hjynLuHX1B0UA/view?usp=drive_link

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Response:

The institution has a mechanism of providing operational autonomy to various functionaries to ensure a decentralized governance system.

- The chairman empowers the Principal in all the academic and administrative activities of the Institution. The principal is the Chairman of the Academic Council, a member of the Governing Body, and Chairman of IQAC. Meetings are held frequently by him to discuss various agendas. The principal nominates faculty members for different committees in consultation with the Heads of the Department. The academic policies are framed on the recommendations of different committees that include faculty members and administrative heads.

- The Head of the Department being the Chairman of the Board of Studies ensures the curriculum and syllabi are framed in line with the expectations of the Industry. The Head of the Department has the authority to decide the activities and allot responsibilities to all faculty in respective departments. The department decides on timetable, subject allocation, purchase and maintenance of equipment and consumables, organizes guest lectures and workshops, and recommends necessary industrial visits, in-plant training, and MoUs with the University/Industry.
- Faculty members who head various committees execute their assigned activities.

Students have autonomy in the selection of electives, organizing department associations, and college functions

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://drive.google.com/file/d/1nhmU6YsxAvtgUwzHAsqCZy46C7jgQeDu/view?usp=sharing

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

Response:

Teaching and Learning Process

An academic calendar is prepared every semester based on the University's academic schedule. Based on the academic calendar, timetable, lesson plan, course file, lecture notes, and laboratory manuals are prepared. The students are continuously assessed throughout the semester and the evaluation is done based on the internal test, model, and university examinations. Internal tests enable the faculty to identify the advanced and the slow learners. Advanced learners can opt for value-added courses, challenging assignments, and experiments. Slow learners are given remedial coaching. The teaching-learning process is facilitated through ICT facilities. E-content materials and NPTEL videos are also used to deliver lectures. Webinars are also organized on the latest technologies to strengthen the technical knowledge of students on emerging trends. Students are also supported with enrichment programs like symposiums, seminars, workshops, guest lectures, conferences, project contests, and value-added courses. In-plant trainings are held to help students get industrial experience. The student-centric methods followed in the teaching and learning process ensure interactive, participative, and experiential learning in academic, co-curricular, and extracurricular activities. Placement training such as aptitude, soft skills, technical, group discussions, student Personality Development, and mock interviews are conducted to improve student employability.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File]()
Paste link for additional information	https://www.pacolleges.org/images/IQAC/Strategic%20Plan.pdf
Upload any additional information	**No File Uploaded**

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

Response:

A Governing body comprising of the Chairman, Principal, and Trust

members meets regularly for the effective implementation of the policies.

The policies and procedures on academic matters are taken care of by an Academic Council.

Each department in the institute is headed by a Head of the Department who, in turn, takes the guidance from the Principal and Board of Studies which formulates the curriculum for the undergraduate and postgraduate Programs. The Board of Studies is constituted for all the programs of study. The composition of the Board of Studies includes experts from academia, industry, and alumni for which the Head of the Department functions as the Chairman.

Supporting facilities are provided for the smooth functioning of the institute by Finance, administration, Learning Resource Centre, Computer Centre, Physical Education, and Maintenance Cell in addition to Security services.

Various committees such as Anti-Ragging, R&D, Finance, Purchase, Professional Bodies, Grievance, Anti-Sexual harassment, etc., have been constituted at the institute level involving faculty and students for the smooth functioning of the institution. All these committees function under the overall guidance of the Principal.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.pacolleges.org/images/IQAC/Institution%20Organogram.pdf
Upload any additional information	View File
Paste link for additional Information	https://www.pacolleges.org/images/accrediation/Service%20Rules%20and%20Polices%20Docuement.pdf

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) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	**No File Uploaded**

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

Response :

The institution has effective welfare measures. The Institution recognizes all its employees as the most valuable resource and provides a caring and supportive working environment that enables them to develop and optimize their full potential. However, staff members are expected to contribute and participate effectively in achieving the college's vision and mission.

Various welfare schemes are provided for the benefit of teaching and non-teaching staff in the institution

1. Sabbatical, Vacation, medical, maternity, and earned leave, and employees' provident fund for all faculty and staff members.

2. Free transport for non-teaching staff and subsidized rate for teaching staff.

3. ATM facility on campus.

4. Faculty who handle value-added courses benefit from remuneration.

5. All the teaching and non-teaching members are covered under accidental insurance which is made mandatory in the institution.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.pacolleges.org/images/accrediation/Service%20Rules%20and%20Polices%20Docuement.pdf

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

20

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 programmes organized by the Institution for its teaching and non-teaching staff during the year

24

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	[View File](#)
Upload any additional information	[View File](#)

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

75

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Response:

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

Mechanism for settling audit objections:

Internal Audit:A copy of Budget proposals, invoices, vouchers, and supporting documents of every purchase /event is maintained in the respective departments and the original documents are sent to the accounts office of the Institution. The details of all the expenditures/transactions of the entire financial year are consolidated and maintained at the accounts office and submitted to the Finance Committee at the end of each semester.

External Audit:An external audit of the institution is conducted once a year by the chartered accountant. The External Auditor expresses their opinion on the Financial Statements of the Institution based on their Audit. They conduct the Audit under the Standards on Auditing issued by the Institute of Chartered Accountants of India.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/17LCB49oDIBa FwrTU3906RZWONl0fstUv/view?usp=drive_link

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

1.18355

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

Mobilization of Funds: -

The institution is a self-financed Autonomous and hence the source of income is only the fee collected from students. For major expenses, the management either avails bank loans or transfers funds from other institutions under its trust. Other sources of financial revenue include:

- Research Project grants
- Sponsorships from funding agencies like CSIR, AICTE, DRDO, TNSCST, etc for organizing events, conferences, seminars, etc.
- Participation fees in various conferences, workshops, and seminars organized by the institution
- Consultancy Activities

Optimum utilization of funds is ensured through: -

- Adequate funds are allocated for effective teaching-learning practices that include orientation programs, Workshops,

- Interdisciplinary activities, Training programs, and co-curricular activities/extra-curricular activities to ensure quality education.
- Budget is utilized to meet day-to-day operational and administrative expenses and maintenance of fixed assets.
- Enhancement of library facilities needs to augment learning practices and accordinglyrequisite funds are utilized every year.
- Adequate funds are utilized for the development and maintenance of the infrastructure of the institution.
- Some funds are allocated for social service activities as part of social responsibilities through NSS and RRC.
- The institution applies for funding for taking up major research projects, workshops, seminars, and conferences from funding agencies. This amount is exclusively used for the intended purpose.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://drive.google.com/file/d/1IUQWykSXM6YDo0wwx25NMr8iYhln2y6q/view?usp=sharing

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Response:

Practice 1: Ensuring and Monitoring Academic Excellence and Objective

The Annual Academic planning is important for the smooth functioning of the Institution. Every year at the commencement of the academic session IQAC ensures that all the departments are in line with the Academic plan designed to achieve the CO, PO, and PSO. To ensure this, IQAC conducts regular audits based on the formats and checklists designed for specific academic parameters. The audit report is shared with the Departments duly signed by the Principal. Corrective action has been taken based on the report.

Practice 2: Use and enrichment of ICT infrastructure

The use of ICT tools has become an integral part of the teaching-learning process. IQAC always encouraged teachers to utilize these tools in classroom teaching and laboratories. IQAC prepares the plan to include the use and enrichment of ICT infrastructure expected from each department. The educational use of social media has also been utilized to establish communication with students and peers.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[https://drive.google.com/file/d/13R1Eb7lssRz HpxumPzRYFhq4BikBjmVx/view?usp=drive_link](#)

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

Response:

Example 1: Academic review through periodical meetings

- **Management review meetings are conducted by IQAC twice a year, to review quality policy, modification of quality parameters, stakeholder feedback analysis, continual improvement, and infrastructure development.**
- **The IQAC conducts periodical meetings with the Composition members throughout the academic year to ensure the teaching-learning process maintains quality consistently.**
- **The Principal periodically conducts HOD meetings to review teaching teaching-learning process.**
- **The head of the academic department conducts meetings with their department faculty members to review teaching teaching-learning process.**
- **The head of the academic department conducts three class and course committee meetings in every semester about the teaching-learning process.**

Example 2: ISO External Audit

The institution is ISO 9001: 2015 Certified. IQAC conducts an external ISO 9001 audit every year to ensure quality. ISO 9001 provides a specific framework for educational organization. Also, to improve the satisfaction of their learners by improving the

education processes and ensuring conformity to learners' requirements. Adopting ISO 9001 in institutions can help to improve the overall teaching and learning standards of institutions through standardized and effective processes and management systems. ISO 9001 can contribute a lot to improving the formative processes that positively affect the student's learning and overall satisfaction in the institution.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[https://drive.google.com/file/d/1mfJU_zBO2IE fUPMyJgBr8ABlGo4YTvW5/view?usp=drive_link](#)

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	[https://www.pacolleges.org/images/IQAC/AQAR_%202021-22.pdf](#)
Upload e-copies of accreditations and certification	[View File](#)
Upload details of quality assurance initiatives of the institution	[View File](#)
Upload any additional information	No File Uploaded

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

Response:

PACET has a strong ethical work culture that is based on inclusivity. It observes the highest ethical standards in all its activities. Equal opportunities are provided to all individuals irrespective of gender, race, caste, color, creed, language, religion, political or other opinion, national or social origin, property, birth, or other status. Its unique work culture, healthy traditions, and ethos have led to enrolment of 60% of women students and 40% of women staff. Safety, security, and well-being, along with gender equity and a friendly working atmosphere are the issues of prime concern to PACET. Gender sensitivity is an inherent value in the cultural ethos of the institute and its neighboring community, as is evidenced by the following facilities.

- Hi-Tech Surveillance system
- Hostel
- Security personnel
- Medical Facilities
- Counselling
- Common rooms
- Women Development Cell
- Anti-sexual Harassment cell
- Grievance Redressal Cell

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.pacolleges.org/wdc.html

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	A. Any 4 or All of the above

File Description	Documents
Geotagged 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 a maximum of 200 words)

Response:

- **Solid waste management**

'Use and throw' items are not at all permitted to be used on campus. Paper and metal waste are collected and disposed of through vendors. Food waste and non-biodegradable waste are collected in separate bins. Biodegradable waste is disposed of in a pit and converted into manure.

- **Liquid waste management**

Wastewater generated from the sanitary facilities is disposed of in septic tanks located at different places on the campus. Wastewater generated from the laboratories is very small in quantity, hence it is handled along with septic sewage.RO plant wastewater is collected and utilized for gardening through drip irrigation.

- **E-waste management**

A team of our faculty members with students of Computer Science and Engineering has optimized its inventory of all computers through reassembling, modification, and up gradation. The e-waste generated from hardware that cannot be reused or recycled is being disposed of through vendors.

- **Hazardous chemicals and radioactive waste management**

Chemical wastes from the chemistry lab and environmental lab have the nature of toxin very little so no such requirement is necessary. Disposal procedure is mandatory to collect and dispose of chemical waste safely and efficiently

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

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

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

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. **Green audit** 2. **Energy audit** 3. **Environment audit** 4. **Clean and green campus recognitions/awards**	**A. Any 4 or all of the above**

5. **Beyond the campus environmental promotional activities**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	*View File*
Certification by the auditing agency	*View File*
Certificates of the awards received	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

A. Any 4 or all of the above

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

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

Response:

PACET is always at the forefront of welcoming diversity, boosting self-esteem, encouraging students to speak up, and demanding academic success.

To achieve these goals, courses such as the Constitution of India and a one-week orientation program are included as a small step towards imbibing and instilling these traits in students.

Teachers deliver lectures with acceptance and appreciation for students' diverse ideas, opinions, and learning styles, and they make a concerted effort to understand students' racial and cultural characteristics.

In addition to the curriculum, additional communication and soft skills classes are held to help students from diverse backgrounds communicate effectively.

Grievance Redressal and Women Development cells aim to provide social protection, promote tolerance and harmony, reduce vulnerability, build human capital, empower women, and promote cultural and regional inclusion.

Industrial visits expose students to practical challenges and also mold them to adapt to one another to foster tolerance and harmony within the organization.

The Extra-Curricular Committee encourages students to participate in a variety of activities to interact with one another and constructively share their opinions and disagreements.

- Awareness program on the voting process to the students and staff.
- Road safety awareness program.
- Extracurricular activities
- Cultural Programs
- Women's Day celebration
- Independence and Republic Day celebration
- Student welfare awareness programs

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)

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

Response:

India, as a country, includes individuals with different backgrounds, viz., cultural, social, economic, linguistic, and ethnic diversities, governed and guided by the Constitution irrespective of caste, religion, etc., College sensitizes the students and the employees of the institution to the constitutional obligations about values, rights, duties, and responsibilities of citizens, which enable them to conduct themselves as responsible citizens. To equip students with the knowledge, skills, and values that are necessary for sustaining one's balance between a livelihood and life by providing an effective, supportive, safe, accessible, and affordable learning environment. These elements are inculcated in the value system of the college community. The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities by inviting prominent people. The institute conducted awareness programs on the ban on plastics, cleanliness, Swatch Bharat, etc., involving students. As a small step toward instilling constitutional obligations in students, the curriculum includes mandatory courses such as Professional Ethics and Human Values, the Constitution of India, and the Essence of Indian Traditional Knowledge.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	[View File](#)
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the Code of Conduct are organized	A. All of the above

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, 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

Republic Day and Independence Day:

Every year, the Institution hoists the National flag on Republic Day and Independence Day and presents medals and certificates to the students for their best performance in extracurricular activities.

Teachers Day :

The Institution celebrates Teacher's Day commemorating the birthday of Dr. Sarvepalli Radhakrishnan, a great teacher. On that day the Institution felicitates BEST TEACHERS in the institution

Engineer's Day:

Engineer's Day is celebrated by the Institution on September 15th to commemorate Sir Mokshagundam Visvesvaraya's birth anniversary. The students create and show a variety of project models.

National Science Day:

National Science Day is celebrated in India on28 February each year to mark the discovery of the Ramaneffect byIndian physicist SirCV RamanDifferent project models are developed and exhibited by the students.

International Women's Day:

Women's Day is celebrated on March 8th by the Women Development Cell, which hosts a variety of events and competitions. On that day, the institution honored the BEST WOMEN EDUCATORS and ENTREPRENEURS.

International Yoga Day:

Every year on June 21st, the Institution commemorates International Yoga Day. The session involves an introduction to yoga, its mental and physical advantages, as well as actual yoga asana performance.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	**No File Uploaded**

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Response:

Best Practice – 1:

Title of Practice: Value-added course

Objective: To provide pupils with a better grasp of what the industry expects of them

The Context: Value-added courses are offered to fulfill the needs of the industry

The Practice: Students are given value-added courses to assist them in strengthening their skills in product design and development.

Evidence of Success: Many students are placed in MNCs and core organizations.

Problems Encountered and Resources Required: To conduct these types of courses outside of the academic syllabus, students must have completed their academic courses and examinations.

Best Practice – 2

Title of Practice: Industry Institute Partnership

Objective: ·The broad objective of the Industry Institute Partnership is to reduce the gap between industry expectations (practice) and academic limitations by direct involvement of industry.

The Context: ·Arranging industrial training for students and faculty members.

The Practice: Encourage and assist students find excellent internship opportunities to gain practical experience. Faculty can undertake R&D projects by Identifying the scientific and technological requirements of the industry.

Evidence of Success: Students are seeking practical knowledge and experience in the industrial context, which will lead to career and employment opportunities.

Problems Encountered and Resources Required: Higher education is strongly influenced by academic research on education, which frequently leads manufacturing and industrial enterprises to complain that recent engineering graduates are not industry-ready.

File Description	Documents
Best practices in the Institutional website	https://www.pacolleges.org/images/IQAC/Institution%20Best%20Practices_2022.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Response:

1. The Vision, Mission, and Objectives of the institution are to create an ambiance in which new ideas, research, and scholarship flourish, and from which the leaders and innovators of tomorrow emerge.
2. The institution provides scholarships to meritorious students every year.
3. Faculty are well qualified having a good period of experience to deliver mature, quality lectures to the students to benefit their I-Q level & boost their caliber & personality in all

senses.

4. The institution provides good institute-industry – Industry Linkage established through MoUs to the students and faculty.
5. Institutions have best academic practices based on well-defined attributes and AICTE-mandated key performance indicators.
6. Guidance is given to students to participate in competitive exams through intensive coaching by the faculty members.
7. Faculty members are motivated to Journal publications in Quality Journals
8. The library of the College has an excellent collection of reference books and journals. IEEE full Access is also provided.
9. Training and placement cell trains the students and assists them in getting placed in multinational companies through campus recruitment
10. The institution is surrounded by enormous green trees and efforts are being taken to ensure green coverage

File Description	Documents
Appropriate link in the institutional website	https://pacolleges.org/images/IQAC/Institutional%20Distinctiveness.pdf
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

1. Improve NIRF ranking of our institution.
2. NBA and NAAC Reaccreditation Process
3. Improve MOUs with foreign universities and industries
4. More activities to create an Incubation Centre for projects.
5. The institution plans to focus more on Research and Development by increasing the publications of faculty and students
6. Increase funding through R & D projects from different funding agencies
7. Undertake more Consultancy assignments.
8. Product-based research leads to patent filing to be increased.
9. Encouraging the faculty to conduct and attend more number of STTP/ FDP/Seminar/Workshop/Conference
10. Encouraging the faculty and students to undergo industrial training and do industry-related projects
11. Encouraging the students to attend Competitive Exams
12. Students' Startup initiatives
13. Motivate faculty and students to do Higher Education