YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution

PSN COLLEGE OF ENGINEERING AND TECHNOLOGY

- Name of the Head of the institution

Dr.V.Manikandan

- Designation

Principal

- Does the institution function from its own campus?

Yes

- Phone No. of the Principal

04634279680

- Alternate phone No.

04634279009

- Mobile No. (Principal)

9442591197

- Registered e-mail ID (Principal)

principal@psncet.ac.in

- Address

PSN COLLEGE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS), PSN NAGAR,PSN COLLEGE ROAD, MELATHEDIYOOR, TIRUNELVELI-627152,TAMILNADU

- City/Town

TIRUNELVELI

- State/UT

TAMILNADU

- Pin Code

627152

2.Institutional status

- Autonomous Status (Provide the date of conferment of Autonomy)

05/01/2012

- Type of Institution

Co-education

- Location   **Rural**

- Financial Status   **Self-financing**

- Name of the IQAC Co-ordinator/Director   **Dr. Amirdha Sher Gill**

- Phone No.   **04634279009**

- Mobile No: **9444531114**

- IQAC e-mail ID   **iqac@psncet.ac.in**

3.Website address (Web link of the AQAR (Previous Academic Year)   https://psncet.ac.in/wp-content/uploads/2023/07/AQAR-2019-2020.pdf

4.Was the Academic Calendar prepared for that year?   **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: https://psncet.ac.in/wp-content/uploads/2023/07/acadamic-plan-calendar_0001.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 3	**A+**	**3.31**	**2022**	**03/08/2022**	**02/08/2027**

6.Date of Establishment of IQAC   **01/10/2011**

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
Institution	**Nil**	**Nil**	**Nil**	**Nil**

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   **2**

- 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   No File Uploaded

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)

* Conducted external and internal academic audits for all programmes, NAAC peer team visited successfully and conferred with A+ grade for 5 years * Faculty members have been motivated and facilitated to attend FDP /Seminars /workshop in reputed institutions and published research articles in SCOPUS/SCI journals. * The students were trained in new technology as per industry needs through Value Added Courses * Feedback mechanism at all levels was strengthened *.Created awareness on startup and innovation through PSNTEC business incubator federation, A section 8 company located within our campus.

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
More number of students should be encouraged to undergo in-plant training / internship program / industrial projects.	In 2018 regulation curriculam industrial visit is made Mandatory for all second year students. So all second year students have undergone industrial visit. For third year students internship in industry is made mandatory in regulation 2018. Industrial projects are being undertaken by more number of students. Revision of Regulation R22 is under progress
Each department should organize Conference / FDP in every academic year.	4 symposium, 27 seminar/ Webinar, 7 Training program, 8 Workshop were organised.
Quality Management Group	ISO Internal Audit in the new Standard ISO: 9001: 2015 was Conducted at PSNCET from ISO External Audit in the new Standard ISO: 9001: 2015 was Conducted at PSNCET on 21.6.2021. DGS-CIP for B.E Marine Engineering on24.02.22
Club Activities with minimum 1 activity per year	29 clubs are actively functioning. Each club is conducting 2 events per year
To ensure proper utilization of moodle, smartboard/blackboard, LMS by all teaching faculty	All the faculty members have utilized moodle, blackboard or smartboard, LMS and google classroom
ICT Tools are used to enhanced Teaching learning process.	Media centre is established. 80% classrooms are ICT Enabled in addition to that 16 interactive computer graphics board.
Applying for MSME	Registration under process

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

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
12th Governing body	07/05/2022

14.Was the institutional data submitted to AISHE ?   Yes

- Year

Part A	
Data of the Institution	
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• Mobile No. (Principal)	9442591197
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- Name of the statutory body

Name of the statutory body	Date of meeting(s)
12th Governing body	07/05/2022

14.Was the institutional data submitted to AISHE ? | **Yes**

- Year

Year	Date of Submission
2021-2022	30/03/2022

15.Multidisciplinary / interdisciplinary

Science, Technology Engineering and Mathematics Education is now become a part of the curriculum framed by PSNCET Board of studies. It is further approved by our Academic council and governing council which have representative from Anna university, academic expert from other HEI, Industrialist, Alumni and our faculty. It provides provisions to provide the training to students in multidisciplinary projects. Encourage the student to do product design in multidisciplinary environments through its final year projects and mini projects for various UG programmes and PG programmes. The curriculum and syllabus framed has taken care of Science, Technology Engineering and Mathematics Education covering the subjects belonging to various categories like basic sciences, Engineering sciences, Professional core courses, Professional elective courses, Open elective courses, mandatory courses employability enhance, skill development courses etc., In addition to the curriculum, various clubs such as innovation, eco, science, green, quiz, yoga, literary and finance, tamilmandram etc are functioning which provides an opportunity in promoting multidisciplinary activities for students and faculty members through various events conducted. To enhance the multi-disciplinary and interdisciplinary activities in social major problems like global warming, renewable energy etc. The research findings are promoted to convert in to patents and research publications in reputed journal. It is planned to introduce multidisciplinary courses and cross major subjects in the PSNCET curriculum is under revision ,new regulation R2022 which is

implemented from this academic year 2022-23. Minor degree programme is also being introduced.

16.Academic bank of credits (ABC):

The Institute follows the curriculum framed by PSNCET Board of studies. It is further approved by our Academic council and governing council which have representative from Anna university, academic expert from other HEI, Industrialist, Alumni and our faculty .The curriculum is informed to the students after it is prepared and circulated by the teachers.Choice Based Credit System is introduced in all UG programs and PG programs. The credits earned through online mode like NPTEL or the NEP approved institution will be approved and transferred after the approval of appropriate bodies of PSNCET. In case of a student transferred from other institution, could continue his course in PSNCET. His credit earned can be transferred through proper procedure after satisfying the rules and regulations of the Autonomous HEI.

17.Skill development:

The institution encourages the faculty to update their knowledge by offering and undergoing refresher courses, seminar, conference , training program faculty development programmes and workshops. Inaddition, the institution has provided 40 value added courses per year and certificate courses to students for developing skills to bridge the gaps in the syllabus and multidisciplinary approach. About 85%of students are participated in certificate and add-on courses. They are trained in the following areas as per their interest to achieve placements, competitive examinations and higher studies. • Communication skills in English • Basic computer programming •Aptitude skills • Leadership exposure and Professional Skill Development • Software oriented skills •IPR patent registration, Participation in Hackathon competitions, GATE Coaching and Higher studies •Department oriented skill developments for placements • Club activities apart from the soft skill, life skill development for student. Our institute also cares about building ethical values to the students through moral classes and mentor mentee system and the universal human values courses are introduced.

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

The institute has great exposure on Outcome based education (OBE). SAR has been submitted to NBA for Computer science and engineering,Electronics ana Electrical Engineering and Mechanical engineering . OBE is practiced in our institutional system

for the regulation R2014 and effectively continued in the revised regulation R2018. In the regulation R2022 which is being currently under revision is also following OBE. and will be continue in all upcoming regulations. The major decisions/improvements are carried out based on the feedback received from the students alumni, faculty and stakeholders. OBE is implemented in all programmes. The information on POs, PEOs and COs are communicated to the stakeholders. Student attainment of learning outcomes is measured by checking the level of CO and PO attainments for all UG & PG courses.

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

In new regulation R2022 of PSNCET provision for Online Courses are introduced. Students are permitted to credit three online course of 3 credits with the approval of Head of the Institution and Director academic of PSNCET with the approval from Director academic. Students are permitted to credit one online certification course per year subject to a maximum of three credits. The approved list of online courses will be provided by the Director Academic of PSNCET with the approval of Academic council and governing council of PSNCET. The student needs to obtain certification or credit transferred becomes eligible for exemption in writing the End Semester Examination from Controller of Examinations, PSNCET. The details regarding online courses taken up by students should be sent to the Controller of Examinations and director academic one month before the commencement of End Semester Examination by the concern HODs

20.Distance education/online education:

Our college enormously supports our faculty members and motivates them abundantly to perform well in all academic endeavors through online portals such as NPTEL, Swayam, moodle.

Encouragement is given to non- teaching staffs who wish to upgrade further their education by distance mode / part time study and their achievements are duly acknowledged.

In new regulation R2022 of PSNCET provision for Online Courses are planned. Students may be permitted to credit only one online course per year of 3 credits with the approval of Head of the Institution and Director academic of PSNCET with the approval from Director academic. Students may be permitted to credit one online certification course per year subject to a maximum of three credits. The approved list of online courses will be provided by the Director Academic of PSNCET with the approval of

Academic council and governing council of PSNCET. The student needs to obtain certification or credit transferred become eligible for exemption in writing the End Semester Examination from Controller of Examinations, PSNCET. The details regarding online courses taken up by students should be sent to the Controller of Examinations and director academic one month before the commencement of End Semester Examination by the concern HODs.

Also our college enormously supports our faculty

members and motivates them abundantly to perform well in all academic endeavors. Our college management provides many benefits to both teaching and non-teaching staff members magnanimously.

Faculty Members are eligible for the following incentives and rewards, based on their performance, contribution and years of service at the Institution

Extended Profile

1.Programme

1.1	16
Number of programmes offered during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1	1551
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	View File

2.2	345
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3	1396

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

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1	**421**
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	**159**
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3	**142**
Number of sanctioned posts for the year:	

4.Institution

4.1	**509**
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	**68**
Total number of Classrooms and Seminar halls	
4.3	**852**
Total number of computers on campus for academic purposes	
4.4	**1200.99**
Total expenditure, excluding salary, during the year (INR in Lakhs):	

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.

Factors Considered for Curriculum Design:PSN College of Engineering and Technology (PSNCET) being an Autonomous Institution, it thoroughly and persistently develops all-inclusive curricula for all the programmes offered once in four years. While designing the curricula, the vision and values, context, pedagogical approaches and needs are taken into consideration. Also, local and regional needs besides national and global developments are incorporated in the curriculum. PSNCET implemented outcome based (OBE) curriculum in 2018 and therefore Programme Educational Objectives (PEOs) and Programme Specific Outcomes (PSOs) are refined during the curriculum design. Programme Outcomes (POs) are taken as per the prescription of AICTE and Course Outcomes (POs) are formulated by the departments concerned so as to fulfill the expected outcome at the end of each course.Experienced faculty who are trained in curriculum design and OBE are involved in drafting the curricula.

Process of Curriculum Development:

Based on the above factors the curriculum is developed and the draft is circulated among the stakeholders. The curriculum contains weightage for the following: Humanities and Social Sciences, Basic Sciences, Engineering Sciences, Professional Core courses, Professional Electives, Open Electives, Employability Enhancement courses and Mandatory courses

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	https://psncet.ac.in/wp-content/uploads/2023/07/111.pdf

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

8

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

401

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	No File Uploaded
Any additional information	View File

1.2 - Academic Flexibility

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

60

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

17

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

The institution aims to inculcate moral values, ethics, social responsibilities, environmental awareness and sustainability among the students through mandatory course for all the streams of study.

Course on Social Value Education is offered during the first year of the programme which focuses on imparting moral values and social responsibilities. Also a mandatory course on Value Education and Human Rights is offered during the third year of the programme common to all branches of study.

Course on Environmental Studies is offered to all second year students which covers the environmental protection, pollution issues, environmental sustainability and the importance of the ecosystem to human life. The NSS unit of the college organizes camps in the nearby villages and helps the villagers to keep the place environment friendly.

Gender Issues: Students are sensitized and encouraged to work towards gender equality from a cross-cultural perspective. Gender sensitization camps are organized that include women's rights, human rights, child rights, gender justice and gender equality. Women empowerment cell is fully active and takes care of all gender based bias and issues in the campus.

Course on Professional Ethics focuses on the importance of being ethical as an engineer in society.

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

38

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	View File

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

1449

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

297

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	No File Uploaded

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is	A. All 4 of the above

obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

File Description	Documents
Provide the URL for stakeholders' feedback report	https://psncet.ac.in/wp-content/uploads/2023/07/141-newpdf.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://psncet.ac.in/wp-content/uploads/2023/07/fb-Final.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

450

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)

434

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.

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Orientation Program

At the beginning of first year, the Orientation Program is being
conducted with Personality Development, Yoga, training on
Computers and communication.

Assessment of learning levels of students

Students are categorized as advanced learners and slow learners
based on their performance in internal examinations and mentoring.

The advanced learners are motivated to prepare for competitive
examinations and encouraged to participate in the various
technical events, competitions, paper presentations in conference,
symposium, workshop and journal publications.

Study material and question bank with solutions are issued to the
slow learners. The remedial class is conducted by subject teacher
after working hours and important topics are discussed in it.

Fast track Scheme:

If a student cleared all his arrears till V Semester and has a
CGPA of 7.5 are eligible for fast track, he will study the 8th
semester subjects in VI and VII semester so in eight semesters he
can go for Internship programme.

Extra credit

All of students are expected to earn 30 extra credits apart from
the maximum credits required for UG programmes for the award of
degree. The students are free to choose activity or programme or
course of their choice to earn the required number of credits.
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File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://psncet.ac.in/wp-content/uploads/2023/07/221-1pdf.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/08/2022	1551	159

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:

Experiential Learning:

The internshipis mandatory for students to gain hands-on practice and professional experience. Library with a variety of books, eBooks, e-journals, and NPTEL lecture videos are available with remote access facilities. The theoretical concepts are validated throughthe laboratory to improve participative, experiential, and Problem-solving learning processes. Industrial Visits, Field Visits, and In-Plant Training are arranged to enhance, visualize and apply various concepts in a real working environment.

Participative Learning:

Guest Lectures, Seminars, and Workshops are organized to learn the latest technical developments. Value Added Courses on technical subjects to gain employment opportunities and become entrepreneurs. Group discussions are arranged on specific topics to enhance the overall personality development of students. Technical Symposiums are organized on various advanced topics.

NSS, YRC, and RRC conduct extension activities that make a student a socially responsible citizen.

Training, Placement, and career counseling is organized through a career development program, GATE coaching, job awareness program, guidance for competitive exams, and arrange on/off campus interview for eligible students.

Problem Solving Methodologies:

Case Studies are organized to improve problem-solving skills. Mini Project and Main project enable the students to apply their theoretical knowledge for fabrication and real-time applications. Tutorial Sessions are provided to enhance problem-solving skills.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	https://psncet.ac.in/wp-content/uploads/2023/07/2.3.1-1.pdf

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

All the classrooms / Seminar Halls are equipped with ICT tools to encourage ICT usage.

FDP's are conducted to train the faculty with the usage of ICT tools and online resources. Professional Assistance is provided to use ICT tools.

Video lectures have been recorded in the media centre and made available for students. Students register for online NPTEL courses

Teachers deliver content beyond the syllabus apart from their classroom instruction with video lectures,

The virtual lab supports to realize virtual teaching and learning environment aimed at developing student's laboratory skills.

Our institution has ERP (Enterprise Resource Planning) software for academic management. Students can easily access the E-Books and E-Journals (DELNET / JGATE) in our digital library. Faculties also share the Course materials like lecture notes, a question bank, assignment topics, etc., through Whatsapp, Google classroom and Gmail.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://psncet.ac.in/wp-content/uploads/2023/07/232-1pdf.pdf
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

123

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

Academic calendar is prepared by the director/dean academics which contain the number of instruction days to be conducted, details of continues assessment test, schedule of end semester theory examinations, holidays for the semester and also provide an adequate balance between academic and non-academic activities.

The departments prepare a semester plan for the semester based on the academic calendar which includes workshops, conferences, guest lectures, seminars, industrial visits, extension activities, value added courses etc.

Timetables are prepared well in advance and are displayed on the notice board of each class room and ERP.

Each semester, the faculty prepares a course plan which includes the details about the number of teaching hours for each unit, course outcomes, delivering methods and reference, textbooks, etc. Lesson plans are verified by the heads of the departments and approved by director academics and principal. Periodically, the head of the departments and principal verify the course delivery of the lesson plan and the progress of the units covered. Teachers

are highly committed in implementing the unit planner to accomplish their teaching mission.

The HOD of each department ensures the effectiveness of the progress by checking weekly the teachers log book, attendance, academic records and syllabus completion statements that are submitted by the faculty. The effectiveness is further ensured through cross verification by the Head of the Institution once in a month.

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

159

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	View File

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

36

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)

535

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	[View File](#)
Any additional information	**No File Uploaded**

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

15

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	[View File](#)
Upload any additional information	[View File](#)

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

Integration of IT in examination system:

The entire examination process is automated, starting from the registration, hall tickets generation, Examination result publication, to the publishing of the result. The examination system is fully automated with the help of Examination Management

Software and it is linked with the college ERP software for online result publication.

Positive Impacts of Reforms in Examination System:

.Confidentiality in question paper selection.

.Uniformity in the evaluation and fair justification to the students.

.Eliminates the possibilities of unfair things during the examination.

.Data processing is accurate and no human errors.

.Reliable and no scope for manipulations.

.Considerable improvement in the speed, reliability, efficiency, security, transparency, confidentiality and accuracy in the entire process of examination.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://psncet.ac.in/coe-home/

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

EVIDENCE OF SUCCESS: MECHANISM OF COMMUNICATION TO STUDENTS

PO's, PSO's, PEO's are displayed on the website of the Institution and Classrooms Library,HOD room, Faculty rooms, notice boards, Laboratories

Orientation programme conducted for the students in the beginning of the academic year / semester wise giving an overview of the Program/Curriculum in the context of PEO's, PO's, PSO's and CO's.

The Unit Planner / Lesson plan gives a road map to adhere to the expected outcomes which is shared to the students well in advance before the commencement of the course work.

For each course, faculty members communicate expectations, targets and desirable outcomes of every unit as a part of regular instruction.

During the teaching-learning process the faculty constantly emphasize on the targets and standards to be achieved.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	https://psncet.ac.in/wp-content/uploads/2023/07/2.6.1-1.pdf

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

METHODOLOGY ADOPTED

Course outcomes, program outcomes and program-specific outcomes are evaluated to measure the knowledge, skills and behavior of students for the continuous quality improvement of each course and program using the below-mentioned procedure.

Initially, course outcomes are formulated and get approved by the head of respective departments as per Bloom taxonomy for all the courses.

PO & PSO attainment computation is done using two assessment tools.

    1. Direct Assessment Tools

Assignments, Attendance,CIA, Semester End Examination

The COs are mapped to the POs and PSOs (on the scale of 1 to 3).

CO attainments and the mappings are used for computation of PO & PSO attainment Then CO-PO and CO-PSO correlation matrices are set for all the courses in the program. Target attainment level is set for each course.

Attainment levels

Attainment Level 1 : If 50% to 59% of students score more than 50% marks Attainment Level 2 : If 60% to 69% of students score more than the 50% marks Attainment Level 3 : If >=70% of students score more than the 50% marks

    1. **Indirect Assessment Tools**

Surveys - Course-end survey, Student Exit Survey, Alumni Survey, Employer Survey and Parent survey .

The questions mentioned in the surveys are mapped to the POs and PSOs Excellent –5, Good – 3, Satisfactory - 1. (on the scale of 1 to 3).

The responses and the mappings are used for the indirect computation of PO & PSO attainment.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://psncet.ac.in/images/pdf/CR-2/2.6.2/2.6.2-2.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

342

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	**Nil**

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://psncet.ac.in/wp-content/uploads/2023/07/2.7.1-2.pdf

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

- **To give full freedom to the faculty to choose the area of specialization and work on it;**

- **To provide necessary infrastructure to do research in the campus;To provide seed money through schemes available in the college as start up grant;**

- **Financial assistance for presenting the findings in seminars/ conferences;**

- **Autonomy to the principal investigator for utilizing overhead charges and carry out financial transactions related to the project;**

- **Periodic auditing of technical progress to ensure timely completion of projects; and**

- **Submission of utilization certificate to the funding authorities/college in time.**

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://psncet.ac.in/wp-content/uploads/2023/07/Minutes-of-Governing-Council.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)

5

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	View File

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

0

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

12-10-2023 11:15:38

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)

2.64

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

1

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://psncet.ac.in/wp-content/uploads/2023/07/322_indexpdf.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

36

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

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

1

File Description	Documents
Supporting document from Funding Agencies	[View File](#)
Paste link to funding agencies' website	https://dst.gov.in/technology-development-program-tdp
Any additional information	[View File](#)

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.

Centres of Research

The college also gives much importance for the promotion of research. Five departments viz., Computer Science and Engineering, Electronics and Communication Engineering, Mechanical Engineering, Physics and Chemistry, of the college are recognized research centres of Anna University.

Entrepreneur Development Cell (EDC)

The college also provides equal importance for entrepreneurial activities conducted through Entrepreneur Development Cell (EDC) of the college. In order to create an entrepreneurial mindset among the students, periodical meetings, seminars, interaction with industry experts, entrepreneurs are conducted.

Industry-Institute Partnership Cell

IIP Cell serves as a liaison between institute and industry. This cell takes up consultancy, industrial visit; familiarize students to take up practical industry problems. The Cell also offers job-oriented programmes for the students in cooperation with the industry to enable them competitive in the job market.

Innovation Clubs

Every department of the college has an innovation club. Through these clubs students are motivated to take up innovative projects, product development by employing the skills acquired by them.

Community Development Cell (CDC)

The CDC of the college offers programmes for the school drop-outs and prison inmates. They are offered training in electrical wiring, plumbing so as to enable them to acquire skills for their earnings. These programmes are very well received by the community.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://psncet.ac.in/wp-content/uploads/2023/07/331pdf.pdf

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

23

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	**No File Uploaded**

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

62

File Description	Documents
URL to the research page on HEI website	https://psncet.ac.in/psnresearch/psnresearch.ac.in/index.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

90

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

15

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

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

415

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

23

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)

0

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

The NSS Cell was established with two units(one funded and one self-financing) of 170 students. The main aim is to honor the personality of student volunteers through a series of regular activities which are undertaken both within the campus and outside the campus in the form of special camps and other social and awareness activities.

NSS Cell prepares the volunteers for all-round personality development through community service and awareness programmes.Students' orientation to community service, blood donation, awareness sensitization in and outside campus are some of the major activities of the college in which NSS Cell plays a major role. In order to motivate the students to actively involve in community service, non CGPA credits are offered under extra credits to the students as a recognition for their participation and involvement.

In addition to the activities of NSS Cell, the college also organize several other events and programmes like International Day of Yoga, World Environment Day, National Voters Day, COVID vaccination camps, Thamiraparani river cleaning, Road Safety Week, World Hepatitis Day, World Heart Day. Youth Red Cross (YRC) and Red Ribbon Club (RRC) are also actively involved in planning and executing various programmes for the neighbourhood.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://psncet.ac.in/wp-content/uploads/2023/07/361_ea_report.pdf

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

10

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
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)

25

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

1387

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

202

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

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)

21

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.

Our Collegehas a beautiful and green landscape, aesthetic architecture, eco-friendly environment, spacious and equipped classrooms, well equipped laboratories, centres of excellence in advanced areas and good infrastructure spread over26.74 acres.

Classrooms:The college has well-furnished, spacious and well-ventilated and well illwminated classrooms. Classrooms are well maintained as per the norms for proper visibility and audibility. Adequate furnitures are provided in all class rooms and equipped with blackboard, projectors, fans, lights and power backup. 84% of the classrooms are provided with LCD projectors, LAN / Wi-Fi connectivity. The class rooms are equipped with smart boards and video conferencing facility for enhanced teaching - Learning.

Laboratories:

The Institution has well-furnished laboratories and all laboratories have been set up as per the guidelines of AICTE and Anna University. Adequate equipments are provided as per the syllabus to conduct experiments. Laboratories are open to students even beyond the working hours based on the needs. Safety procedures are followed in the laboratories and followed in the strategic location of the laboratories.

Seminar Halls:The institute has seven seminar halls in the academic blocks with different seating capacities and one auditorium to conduct seminars, conferences, guest lectures, workshops and main events for students and faculty.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://psncet.ac.in/wp-content/uploads/2023/07/411_1pdf.pdf

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

The college has been actively encouraging students to participate in various sports and games by providing sports facilities and proper coaching to have the holistic development of students. The college organizes national level sports tournaments in the name of the PSN Trophy every year.

The Department of Physical Education of our college organizes sports and games for the staff and students with the events like Football, Volleyball, Basketball, Kabaddi, Hockey, Athletics, etc.

Students of our college have won many prizes in the sports events conducted at state, national and international levels. Also our students represent Anna University in various inter-university level players and national level sports tournaments. Travel and Food allowances are provided for all sports players and physical directors for participating in sports events in other colleges. Our students have participated in the sports events organized by Bangalore Central University, Bangalore North University, Acharya Nagarjuna University, Mangalore University, and the University of Madras & Punjab University.

Cultural Activities

The ethical values and social responsibilities of the students are cultivated in the Rural Development club, Environmental club and Moral clubs. Systematic and substantial support and guidance are given to the students by the faculty in charges of the clubs to develop all round skills of the students and make them good citizen of our Nation. Developing the skill sets in the advanced technologies, imparting the attitude of continuous learning are also being done through various clubs.

File Description	Documents
Geotagged pictures	[View File](#)
Upload any additional information	[View File](#)
Paste link for additional information	https://psncet.ac.in/wp-content/uploads/2023/07/412_1pdf.pdf

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

60

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)

19902609.86

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)

Library is automated using Integrated Library Management System (ILMS)

Name of the ILMS Software : KOHA

Nature of Automation (fully or partially) : Fully

Version : 19.05.7

Year of Automation : 2021

1. PSN College of Engineering and Technology has automated library since 2015 with a software PSNLIB developed by Computer Science and Engineering department of the college and enabled KRC with Koha (Open-Source Software) LMS in 2021 with a perceptual license.
2. Koha is an open-source integrated library system, used worldwide by the public, school, and special libraries.
3. Koha is a web-based Il-MS, with a SQL database (My SQL preferred) back end with cataloguing data stored in MARC and accessible via Z39.50 or SRU. The user interface is very configurable and adaptable and has been translated into many languages. It is user friendly software developed to work in a client-server environment. The software is suitable to international standards for bibliographic formats, networking, and circulation protocols.

Some of the features of Koha

1. Koha Software supports more than 150 languages in both Indian and foreign Standards used such as CCF, AACR2, MARC21, UNIMARC, and Cataloguing Import here Library of congress online catalogue.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://psncet.ac.in/wp-content/uploads/2023/07/421-1.pdf

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga	A. Any 4 or more of the above

Membership e-books Databases Remote access to e-resources	

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	**No File Uploaded**

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

13.67

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

460

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	**No File Uploaded**

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

The institution has a well-established IT infrastructure and facilities. The institution has established a high- speed campus-wide fibre optic network that connects all its departments consisting of 852 systems. Every department has separate computer lab for conducting programming &simulation exercises and to impart

computational skills to the students.

All faculty members are provided with Desktops/Laptops with internet/Wi-Fi connectivity. All faculty members and students were provided with institution Mail id (@psncet.ac.in) through Google-Apps and ERP login ID's. Various other IT services supported by ERP software are Fee payment, inventory, . Exclusive android application for ERP software has been developed for students and staff use.

The institute is having 16 lecture halls equipped with smart digital boards, audio and video systems with internet connectivity for enhanced learning and interactive learning from outside experts from industry and academia. The writing of the teachers on the boards are automatically converted into e-content and it is easily distributed to the students via an android application. All NPTEL lecture videos, e-journals and e - books can also be accessed in the lecture halls. These smart interactive boards are being used for conducting QEEE Classes. Media centre of the college is equipped with Wacom tablet for lecture capturing and other audio visual devices for recording and editing the video lectures. The e-contents developed by the faculty are available in the institute website and YouTube channel.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://psncet.ac.in/wp-content/uploads/2023/07/431-indexpdf.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
1551	852

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 for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing**	**A. All four of the above**

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://psncet.ac.in/wp-content/uploads/2023/07/434-1pdf.pdf
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)

19902609.86

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	**No File Uploaded**

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.

The college has well defined procedure and policy to maintain the academic facilities as well physical and support facilities offered by the college. The college has qualified and skilled manpower for executing maintenance activities across all departments. Separate budget provision is allocated for the upkeep of academic facilities like laboratories, classrooms, skill-

related workshops, and conference and seminar halls. In addition, the general facilities like sports & games rooms, restrooms and landscapes are also maintained with a budget allocated for it. Regular training is given to the non teaching and housekeeping staff in the area of maintenance and safety.

Cleanliness & daily maintenance of the interior facility (classrooms, laboratories, library, hallway, and staircase) is done by housekeeping team of the institute under the supervision of the Estate Officer. Fire extinguisher maintenance is outsourced since refilling of the cylinder is done once in a year. Air conditioners, lift and CCTV maintenance are also outsourced.

The dispensary is headed by a Medical Officer. She is supported by three nurses. Twelve beds are available to treat in-patients. Treatment in the dispensary is provided at free of cost for the staff, students. An ambulance is available in the campus to attend medical emergency. The Physical Director is supported by a team of Assistant Physical Directors, Markers, and Attenders for physical activities and maintenance related to sports.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://psncet.ac.in/wp-content/uploads/2023/07/442_proof.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

1239

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

1023

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://psncet.ac.in/soft-skill/
Details of capability development and schemes	View File
Any additional information	No File Uploaded

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

798

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

A. All of the above

with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate 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	View File
Upload any additional information	View File

5.2 - Student Progression

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

168

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

39

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

4

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

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

15

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded

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

Class Monitoring CommitteecomprisesHead of the department, Faculty Coordinator who is not taking any subjects in the class, all faculty members who are handing subjects in the class act as members along withFour to five students from the concerned class . This committee meets thrice in a semester to discuss the progress in the courses being taught, the teaching-learning methodology practiced in the classroom

The Anti-Ragging Committee will be the Supervisory and Advisory Committee in preserving a Culture of Ragging Free Environment in the college Campus. The Anti-Ragging Squad- office bearers will work under the Supervision of Anti Ragging Committee and to engage in the works of checking places like Hostels, Buses, Canteens, Classrooms and other places of student congregation.

Grievance Redressal Committee

In order to comply with the AICTE (Establishment of Mechanism for Grievance Redressal) Regulations 2012 for addressing the aggrieved students or stakeholders in our institutions, the "Grievance

Redressal Committee" of PSN CETwas constituted. The Committee consists of staff in different positions where an aggrieved student or person may make an application seeking redressal of a grievance.

Sexual Harassment Committee

As per the Guidelines of UGC and the Supreme Court, a sexual Harassment Committee has been to provide a healthy atmosphere to the students of the college. This Committee deals with issues relating to sexual harassment. This Committee is formed to prevent sexual assaults, rape and other related crimes on girl students and to ensure safe environment for girl students for the studies.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://psncet.ac.in/wp-content/uploads/2023/07/5.3.2-main.pdf

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

41

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

Alumni Engagement

The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non-financial means during the past years.

PSNCET ALUMNI ASSOCIATION was formed in the year 2020 under the

Tamilnadu Societies Registration Act, 1975 with the office of Palayamkottai, Tamilnadu. The primary objective is to reconnect, reminisce, and revisit the rich memories, connect with classmates, strengthen the bond, and savour the rich experiences gained over the years. The driving force behind our Alumni Association is to encourage vibrant student-alumni interactions that would benefit our students in terms of learning, as well as the alumni in terms of sharing their rich expertise.

Objectives of PSNCET ALUMNI ASSOCIATION

To keep a roster of all Alumni of college and their pertinent data. Maintaining the updated and current information of all Alumni.

To encourage, foster and promote close relations among the alumni themselves.

To promote a sustained sense of belonging to the Alma Mater among the Alumni by being in regular contact with them.

To provide and disseminate information regarding their Alma Mater, its graduates, faculties and students to the Alumni.

To provide a forum for the Alumni for exchange of ideas on academic, cultural and social issues of the day by organizing and coordinating reunion activities of the Alumni

To let the alumni acknowledge their gratitude to their Alma Mater.

To assist and support the efforts of PSNCET in obtaining funds for development

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://psncet.ac.in/registration-from/

5.4.2 - Alumni's financial contribution during the year	C. 5 Lakhs - 10 Lakhs

File Description	Documents
Upload any additional information	**No File Uploaded**

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

The vision of PSNCETisTo emerge as a pioneer institute inculcating engineering education, skills,research, values and ethics.

The mission statement

o To achieve greater heights of excellence in technical knowledge and skill development through innovative teaching and learning practices.

o To develop the state of art infrastructure to meet the demands of technological revolution.

o To improve and foster research in all dimensions for betterment of society.

o To develop individual competencies to enhance innovation, employability and entrepreneurship among students.

o To instill higher standards of discipline among students, inculcating ethical and moral values for societal harmony and peace.

The vision and mission statement of PSNCET is placed in the entrance of every building which houses the Departments, Laboratories, Research Centres, Auditorium and Recreation Centres so that the students can understand its importance in relation to their education and career. As per the vision statement PSNCET is very well equipped with quality class rooms with good ventilation in the background of green scenario.PSNCET has very good laboratory facilities to carry out the laboratory related courses. It has a very good library facility to facilitate the students to enhance their reading habit.

Governance, perspective plans and participation of teachers in decision making bodies:The Chairman leads the administration of

the institution and guides Principal, faculty and students to work towards the vision of the institute. All vital decisions regarding theexpansion of infrastructure, formulation and promulgating of strategy are approved by the Executive Director and Chairman.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://psncet.ac.in/wp-content/uploads/2023/07/611indexpdf.pdf

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

PSN College of Engineering and Technology has transperant and efficient decentralized administration. The college has a full proof mechanism for delegating authority at all levels of the institutional hierarchy. This empowers every individual of PSNCET to participate in the decision making process at their respective levels. The college functions under the guidance of Governing Council and by following the rules and regulations of adminsitrative manual and statutory bodies.

Decentralization in working :

All the departments of the Institution, Administrative office, Examination cell, Library function under the direct supervision of Principal.

Day-to-day academic activities of the departments,Subject allocationare taken care by the respective HoDs.

Continuous Assessment Test are entrusted with the Institute's Examination Cell, the MCQ is with the HODs, End semester examination is with the Chief Superident of Examination and Controller of Examination.

Principal collect the monthly report and reviwed with the HoDs to discuss the progress and issues.The outcomes are disseminated to individual faculty/staff for information and implementation.

The Placement and Training cell functions with a Placement training officer and coordinated by department placement coordinators.

Co-Curricular and extra-curricular activities are delegated to the faculty members and student representatives.

The office maintains the administrative and academic records of the students, faculty, staff and institution. The administrative officer and staff assist students to receive scholarships, bank loans, bus passes.

The administration constitutes different statutory body and non-statutory body with the representation of faculty members and students to carry out various activities.

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://psncet.ac.in/wp-content/uploads/2023/07/612-additionalfilespdf.pdf

6.2 - Strategy Development and Deployment

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

Effective strategic planning and implementing strategies takes PSNCT to a better educational and research institution on bar with premier HEI in the state of Tamilnadu and at the national level. Planning, implementing, assessing outcomes and based on results ,lessons learned, further planning and revision / contingency strategies are scheduled. In the preparation of the Perspective Plan, the Internal Quality Assurance Cell (IQAC) of the college has taken initiatives to obtain inputs from all the stakeholders, their expectations, management policies, vision, mission and quality policy of the college is also considered as a base for formulation of the perspective plan.

The prime role of IQAC is to suggest quality measures for the betterment of an institution. While preparing a road map for future growth, the members of the IQAC have considered Feedback from all the stakeholders and the recommendations specified in the meetings of the IQAC.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://psncet.ac.in/wp-content/uploads/2023/07/governing-council-meeting-minutes.pdf
Upload any additional information	View File

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.

PSNCETwith the objective of imparting a high standard of education to rural students reaches out to the economically and educationally most backward people of this area by providing basic amenities and fine infrastructure keeping a holistic approach to life and education, an ambient infrastructure is provided for the students. The institution is governed by the directions of Governing council which comprises of Academicians and Industrial Experts. The Chairman of the Institution is ably supported by the Governing Council in introducing matters of Policy, Planning, and Development of the Institution. The Principal governs the institution as per the directions of the governing council and the strategic plans are executed by the college academic council which includes the heads of the departments, librarian, NSS officer, exam cell coordinator, Control of Examiner, physical director, etc.,.subject to the existing provision in the bye-laws of the college and rules laid down by the State Government/Affiliating University.

Prescribe rules for admission in consonance with the reservation policy of the state government. Promote research in relevant fields.

Suggest methods of assessment of student's performance and evolve strategies for getting better results. Use modern tools of educational technology to achieve higher standards and greater creativity.

.Promote healthy practices such as community service, extension activities and to implement project for the benefit of the society at large.

File Description	Documents
Paste link to Organogram on the institution webpage	https://psncet.ac.in/wp-content/uploads/2023/07/new-scan-16-2.pdf
Upload any additional information	**No File Uploaded**
Paste link for additional Information	https://psncet.ac.in/wp-content/uploads/2023/07/622pdf.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

The following welfare measures are provided to Teaching and Nonteaching staff of PSNCET:

1.Staff of lower cadre are allowed to travel at free of cost in the buses operated by PSNCET Institution and other staffs can avail the bus facilities at minimal fee.

2.Wards of staff are allowed to study at PSNCET with full fee concession or partial fee concession.

3.Accommodation (Quarters) is provided to The Principal and Executive Director at free of cost.

4.Free accommodation and food are provided to bachelor faculties.

5.Medical expenses are borne by the PSNCET management for the needy staff.

6.The management of the institution sponsor the faculty members for attending the National and International conferences, workshops and Faculty development programmes and provides the Registration fee, Travel expenses, accommodation and food expenses.

7.Faculties are allowed to go to Foreign University with full financial support for collaborative research.

8.Staff tour is arranged every year by the Institutional financial support.

9.The management provides EPF contribution to their staff.

10.The management provides the mobile charges for the closed user group (CUG)

11. Sports and recreational facilities are available at free of cost for staff members.

12.The Institution provides incentives to faculties for publication of papers in Journals and Books publication.

13.The management provides Group health Insurance Scheme for all the faculties and Administrative staff by meeting the expenses from management fund.

14.On duty leaves are provided to participate in workshop, seminar, conference etc.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://psncet.ac.in/wp-content/uploads/2023/07/6.3.1.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

81

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

12

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.)

158

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	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Internal audit:

Our Institution conducts internal financial auditing on regular basis. The process of auditing starts with the budgetary preparation and there is well defined process for sanction of budget. The approved budget is communicated to all the department

in-charges and administrative in-charges. Based on this, monthly budget is prepared by all the department and administrative in-charges. The Chairman monitors and reviews the expenditures of the Institution.

HODs /Incharges submit voucher and bills for the purchase made by them to the account office through principal. Proper record for all budget expenses is maintained by administrative office, accounts department, and the Principal office. Further the accounts department maintains the record of all the expenditures after the verification of vouchers and bills.

External auditing

Our Institution complies with the statutory auditing norms. At the end of every financial year, the income and expenditure statement is duly audited and authorized by a Chartered Accountant. The Chartered Accountant prepares and submits the auditor's report for the financial year. The report exhibits that the statements are presented fairly in all material respects – that our Institution show a true and fair view in the financial position, results of operations, and cash flows.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://psncet.ac.in/wp-content/uploads/2023/07/641-1_0001.pdf

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)

0

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

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

The main financial resource for the Institution is from Student's tuition fee. The tuition fee is fixed by the constituted committee of the management based on the previous financial year expenditure. While fixing the tuition fee the State Government of Tamilnadu norms also taken into consideration. The increment in tuition fee is accounted for meeting the expenses incurred due to annual salary increment of faculties and supporting staff, DA enhancement. The constituted committee also allocate funds for the capital expenditure.

The fee collected is converted into fixed deposits and withdrawn periodically as per the requirements of the institute. The fixed deposits are withdrawn and used for the expenditure of the college. The interest earned on these fixed deposits is also being utilized for the needs of the institution.

The Institution also receive funds from DST-SERB, AICTE for the sponsored research projects and the Instruments purchased under these projects helps to improve the research laboratories of the Institution. Funds are also mobilized through consultancy

Efforts also made to generate funds from Alumina of the Institution.

An important point to mention here is: The institution has houses in a multi-storeied building for conducting written online examination for central government and state government organizations and private organization in the recruitment process. The rent received in this aspect is approximately Rs 150 Lakhs per year and is fully utilized for the Infrastructure development of the Institution that ultimately enhance the quality of education give to the students.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	https://psncet.ac.in/wp-content/uploads/2023/07/641-1_0001.pdf

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)

To establish the standards in academics as well as in administration, it is essential to monitorcontinuously. To enhance the quality improvements in the academic process and also as a pre- accreditation exercise the Internal Quality Assurance Cell (IQAC) was formed in our institution on 2011.

The following initiatives have been taken up after the formation of IQAC Cell while continuing the above:

Outcome based education

Course Outcomes attainment and their refinement. Value Added Courses

Implementation of CBCS

Introduction of open electives and increase in number of professional electives. Intenship is mandatory

More number of field visits

Examination reforms including introduction of Supplementary examination Introduction of Biometric attendance system for Teaching and non teaching staff

E- Surveillance of campus Participation in NIRF Ranking process. Extension Activities

NPTEL Credit Transfer Establishment of Innovation lab

One of the above practices is :

The internal quality assurance mechanisms are framed in accordance with the requirements of the National Assessment and Accreditation Council (NAAC)/National Board of Accreditation (NBA). The objective of the cell is to develop a system for conscious, consistent, and catalytic improvement in the overall performance of the institution at all levels with the involvement of all stakeholders towards quality enhancement through internalization of quality culture and institutionalization of best practices.

IQAC regularly conducts meetings with HoDs& Academic coordinators

of the department. The Academic Calendar includes the schedules such as re-opening date, CAT schedule, holidays model examination and End semester Practical Examination.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://psncet.ac.in/wp-content/uploads/2023/07/651pdf.pdf

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

Teaching and learning process:

The Institution has a policy of reviewing its teaching and learning process, structure and methodologies of operations and learning outcomes at periodic intervals. Students are encouraged to utilize the Central library. Remedial classes are arranged for slow learners. Fast learners are encouraged for fast track scheme and various competitions in addition to the seminar, workshop and symposium. To enhance the communication skill of the students, relevant courses are introduced in curriculum. Teaching is not restricted to syllabus content and taught beyond syllabus content. Active Learning methods such as experimental learning, participative learning, and problem solving methodologies are implemented to bring innovation with in classrooms. The various clubs such as innovation, quiz, yoga, environment, photography, science, green campus etc. are actively functioning to the supplement the teaching learning process.

Experienced faculties from other educational institutions and industrialist are invited for guest lectures to provide wide spectrum of knowledge to students. Curriculum development is done through periodical feedback from students, faculty and stakeholders.

Structure and Methodologies of Operation:

Faculty members prepare a course plan well in advance before the commencement of class work. The course file constitutes syllabus, lesson plan, teaching methodology, question bank, slow learners, fast learners, assignment and content beyond the teaching. Course file contents are verified by head of the department and approved

by director academics and principal. It is maintained by the faculty for the courses they taught.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://psncet.ac.in/wp-content/uploads/2023/07/652pdf.pdf

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://psncet.ac.in/wp-content/uploads/2023/07/7.1.11-Final-document-upload.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

a) Safety and Security

PSNCET secured with security guards on each floor, venues such as grounds, canteen, hostels (Boys and Girls), and all other important locations of our institution premises. Security guards are with the female students, if they are wants to utilize the

library premises in the late evenings.

Closed Circuit Television (CCTV) around 120 numbers is placed in the main places of the institution such as main gate, hostel entrance, examination halls, department offices, canteen, controller of examination (COE) office, important junction points, and open areas for the effective surveillance to ensure the women staff and students safety.

Complaints, urgent grievances, and feedback suggestion boxes are available in the all the departments academic blocks and hostels. It is reported directly to the concerned authorities with the certain intervals. PSNCET also, constituted women development cell and anti-sexual harassment committee to confirm the security of women staffs and students. Fire extinguishers are available in the campus to control the emergency fire. Visitors register maintained in the campus and hostel to monitor the entry and exit of the students, staff, parents and others.

(b) Counselling

The professionally qualified student counselor Mr. J. Antony Alocius Johnson, Counselor cum Trainer, Peace Health Centre, Tirunelveli, has been appointed to take care and counsel both male and female students on the issues like stress management, motivation, psychological problems, time management, and other behavioral issues.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://psncet.ac.in/wp-content/uploads/2023/07/7.1.1-Final-Document-Upload.pdf

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	[View File](#)

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Solid waste management

PSNCET has dustbins on all the floors of the academic blocks, canteen, classrooms, common areas and every open area.

The dry biodegradable solid waste such as fallen dead leaves, papers and others not allowed to burn inside the campus, they are dumped in the open reserved ground.

In a periodic manner, various awareness campaigns are organized on waste management.

The broken glassware in the premises are collected in separate bins over a week and it is disposed of as solid waste.

Liquid waste management

PSN college of the engineering and technology is keenly taking a control measure to maintain purified drinking and wastewater management system.

A sewage treatment plant (STP) over 300 cum hours per day was installed and treated the water which is utilized to maintain the plants and trees on the premises.

Water conservation is one of the important processes now a day, rainwater harvesting through a downpour, and rainwater harvesting pits. It is stored underground using storage tanks for water energizing purposes.

The institution has significant provisions for rainwater harvesting; a total of 4 numbers of rainwater pits installed in every building of campus premises and where ever water conservation is possible. In addition to this, a specialized rainwater channel with proper recharge of groundwater is planned with the adequate roof water collection during the rainy seasons in the hostels and academic blocks.

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	View File

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

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

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

7.1.6 - Quality audits on environment and energy 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** 5. **Beyond the campus environmental promotional activities**	A. Any 4 or all of the above

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

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	[View File](#)
Any other relevant information	[View File](#)

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

PSNCET is committed to establish an instructive climate that connects all to be effective in aiding each graduates get oneself as an exceptional, skilled, and esteemed individual from a diverse community. The foundation of additional works in fostering the educators' abilities to establish a comprehensive climate to zero in on instructing and learning capacities. The foundation also, gives different frameworks in infrastructure like ramps, lifts, and learning technologies like ICT tools for pedagogy in the study halls to support the students from all backgrounds to take an interest in the educational environment.

Creating an inclusive climate by adopting some activities like,

- Empowering students to discuss contrasts without making decisions.
- Encouraging how to keep up with positive connection among individuals of various racial and social foundations.
- Considering teachers responsible for showing exclusive requirements for students, everything being equal.
- Conducting various foreign language programmes like Japanese, German, and French.
- Providing required facilities for Divyaang student beneficiaries.
- Celebrating various communal festivals, like, Pongal, Onam, Christmas, and other festivals.

Adopting teaching styles to promote knowledge for students in their academics and research,

- The faculties are advised for establishing the concepts with new ideas, technology, and different pedagogy techniques.

- Our faculties take special care for individual students for their development, since most of the students from the rural areas.
- Instructional strategies followed by our faculties also, doesn't show any conflict towards moral, values, beliefs, and other cultural practices.

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:

PSN College of Engineering and Technology, regularly keep sensitizing students and employees of the institution to understand the constitutional obligations such as values, rights, duties and responsibilities provided by the Indian constitution. To promote these activities, the institution regularly conducts events such as blood donation camp, road safety awareness rally, corona awareness programme, and women's day celebrations. Cultural events and many more in which students and employees participate and deliver motivational speeches, recite poems, perform on stage to show their responsibilities as a citizen of India. Some of the motivational programmes are also conducted for the students to bringing confidence in their career.

· Apart from this some of the mandatory courses such as professional ethics and human values, value education and human rights, disaster management, and some other relevant courses are offered the undergraduate students to understood the need for studying constitutional obligations of India. The various sensitization programmes are held regularly at the departmental as well as institutional levels, in which students are participated in various competitions such as essay writing, quiz competitions, drawing competitions, stage and street performances, and treasure hunts.

NSS has been functioning as a regular feature in the realm of our Academics, a student-centred programme in which projects are implemented by the NSS volunteers in the community in close collaboration with the community and thereby it provides vast scope for the students' interaction with the people. NSS has

enriched the students' souls and minds.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	[View File](#)
Any other relevant information	[View File](#)

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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

The organization perceives and confirms the significance of public and worldwide days and for every one of nowadays festivities programs are coordinated with persuasive and rousing addresses, social occasions like plays and so on Celebrations maintain the pluralism and variety of India and are commended in that very soul. On International Yoga Day, yoga meetings are offered for understudies, workforce and offices are held open to just for support. The institution motivates to celebrate World Ozone Day, World Water Monitoring Days are seen to sharpen natural

mindfulness among the students and staffs. All of these events create a communal unity between the students from various places and also, cultural exchanges increase the bonding between the student's communities.

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	View File

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

1. To encourage and support slow learners and those who completed their schooling in vernacular language to cope with fast learning students.

2. To provide opportunities to develop skills and spend more time in industry environment through conducting projects.

CONTEXT:

Students enrolled in the college are mostly first generation learners as well as completed their schooling in regional/vernacular language. Understanding the subjects in English and reproducing them in examinations is a major challenge for these students during their entry stage. Unfamiliar environment, peer pressure, pressure to perform is also other issues confronting the young undergraduate students. These issues slow down the performance of students, especially during first year of study and they find it very difficult to cope up, if proper attention is not provided to them. At the same time there is a quite a good percentage of students who have completed their schooling in English medium or parents are well educated. In order to meet these ends and maintain a balance in the classroom, the college offers remedial classes for the students who are slow in their academic progress. Fast track scheme provides opportunity for the students who perform well in the end semester examinations. The students who have CGPA more than 7.5 shall take

up their final semester courses in advance and shall work in an industry to do project or internship during the entire eighth semester.

File Description	Documents
Best practices in the Institutional website	https://psncet.ac.in/aqar/
Any other relevant information	https://psncet.ac.in/wp-content/uploads/2023/07/Evidence-proof-2-scanned-1.pdf

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)

THE COLLEGE IS KEEN AND DISTINCTIVE IN THE ENHANCEMENT OF THE CENTRE OF EXCELLENCE

Taking into consideration the scope and future of the automation industry in India and abroad, this centre focuses on providing industrial training to students and industry. The centre is established at a cost of Rupees 6.4 crores jointly by PSN College of Engineering and Technology and BOSCH Rexroth, Germany. The centre is equipped with state-of-the-art equipment to teach and train students and professionals in Industrial Hydraulics, Pneumatics, Sensors, PLC, Robotics and Mechatronics with world-class infrastructure, training kits, hardware, software and teaching aids with excellent faculty trained by BOSCH Rexroth, Germany. The course curriculum has also been designed to take care of international training standards of BOSH Rexroth worldwide. The participants had been exposed to various automation aspects to improve their knowledge in the field of sensor technology and pneumatic drives.

These automation courses enhance to cover all the multidisciplinary areas in one forum. The centre continuously conducts courses for the students by trained faculties and industrial resource persons. The students are divided into batches and the training, workshop, internships, short-term courses, diploma courses, projects were conducted. To increase the student's interest in extra-curricular activities via conducting workshops, training, internships and projects through this centre.Centre of excellence act as a bridge between the student and industry to make institute-industry interaction a successful

one.

File Description	Documents
Appropriate link in the institutional website	https://psncet.ac.in/wp-content/uploads/2023/07/7.3-scan_0001.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

Placement for all students

Effective training Programs are organised

Professional labs in collaboration with Industries and Institutions for each department

Discussion with companies which signed MoU

Publications by Faculty and students with good impact factor

Publication is increasing

NBA Accreditation for the eligible departments

Under progress for 3 departments in the first phase

All the faculty members to do Ph.D

9 faculty registered/ Progress