

YEARLY STATUS REPORT - 2022-2023

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 Yes

campus?

• Phone No. of the Principal 04634 279009

• Alternate phone No. 04634 279680

• Mobile No. (Principal) 9442591197

• Registered e-mail ID (Principal) principal@psncet.ac.in

• Address Melathediyoor

• City/Town Tirunelveli

• State/UT Tamil Nadu

• Pin Code 627152

2.Institutional status

• Autonomous Status (Provide the date of 05/01/2012

conferment of Autonomy)

• Type of Institution Co-education

• Location Rural

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• Financial Status

Self-financing

• Name of the IQAC Co-ordinator/Director Dr.K.Arunprasath

• Phone No. 04634 279009

• Mobile No: 9566429885

• 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/2024/04/AQAR-2021-22.pdf

4.Was the Academic Calendar prepared for that year?

Yes

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

https://psncet.ac.in/wp-content/uploads/2023/12/Acad-calender-22-23.pdf

5.Accreditation Details

| Cycle | Grade | CGPA | Year of Accreditation | Validity from | Validity to |
|---------|-------|------|--------------------------|---------------|-------------|
| Cycle 3 | A+ | 3.31 | 2022 | 02/08/2022 | 01/08/2027 |

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/ Depart ment/Faculty/Sch ool | 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

9.No. of IQAC meetings held during the year 2

• Were the minutes of IQAC meeting(s) and Yes

compliance to the decisions taken uploaded on the institutional website?

• 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?

• If yes, mention the amount

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

Periodic external and internal academic audits for all the programmes one time per year, NAAC peer team visited successfully and conferred with A+ grade for 5 years, DGS CIP Inspection for marine programme every year.

Submitted NBA SAR for Mechanical Engineering, Electrical and Electronics Engineering and Computer Science and Engineering Programmes

Faculty members have been motivated and facilitated to attend FDP /Seminars /workshop in reputed institutions and published research articles in SCOPUS/SCI indexed journals and hence increase in publication count

Institution Approved with Bihar Student credit card scheme and introduction of Regulation 2022 with more examination reforms

Created awareness on startup, funding and innovative environment among the students, More number of extension activities in the UBA adopted villages and improve placement training by external agencies

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 inplant training / internship program / industrial projects | In 2018 & 2022 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 completed and added with more industrial convections. |
| 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 19.04.2023. DGS-CIP for B.E Marine Engineering on 28.02.23 and confirm with A2 status. |
| Club Activities with minimum 1 activity per year | 29 clubs are actively functioning. Each club is conducting 2 events per year. Addition to this UBA service activities were done in the adopted villages. Faculties are voluntarily participating in Ghrama Sabha meetings. |
| 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 |
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| | 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. All the faculties are have their own Google site, YouTube videos and channels for sharing their notes and other leaning materials. |
| Applying for MSME | MSME approved Business Incubator |
| To participate innovation MSME Hackathon | Won 3 MSME grants worth of Rs.32.5 Lakhs |

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

• Name of the statutory body

| Name of the statutory body | Date of meeting(s) |
|----------------------------|--------------------|
| 13th Governing body | 22/07/2023 |

14.Was the institutional data submitted to AISHE?

Yes

• Year

| 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 | 04634 279009 | | |
| Alternate phone No. | 04634 279680 | | |
| Mobile No. (Principal) | 9442591197 | | |
| Registered e-mail ID (Principal) | principal@psncet.ac.in | | |
| • Address | Melathediyoor | | |
| • City/Town | Tirunelveli | | |
| State/UT | Tamil Nadu | | |
| • 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.K.Arunprasath | | |

| • Phone No. | | | 04634 | 04634 279009 | | | |
|---|--|---|--|---|-------------------|------|------------------|
| Mobile No: | | | 956642 | 9566429885 | | | |
| • IQAC e-mail ID | | | iqac@p | iqac@psncet.ac.in | | | |
| 3.Website address (Web link of the AQAR (Previous Academic Year) | | | _ | https://psncet.ac.in/wp-content/uploads/2024/04/AOAR-2021-22.pdf | | | |
| 4. Was the Academic Calendar prepared for that year? | | | Yes | Yes | | | |
| • if yes, whether it is uploaded in the Institutional website Web link: | | | upload | https://psncet.ac.in/wp-content/ uploads/2023/12/Acad- calender-22-23.pdf | | | |
| 5.Accreditation | Details | | | | | | |
| Cycle | Grade | CGPA | Year of Accredit | tation | Validity fr | om | Validity to |
| Cycle 3 | A+ | A+ 3.31 | | 2 | 02/08/2 | 02 | 01/08/202 |
| 6.Date of Estab | 6.Date of Establishment of IQAC | | | 01/10/2011 | | | |
| | | | 01/10/ | /2011 | | | |
| 7.Provide the li Institution/Dep Bank/CPE of U Institution/ Dep tment/Faculty/S | st of Special Sta artment/Facult (GC, etc.)? | ntus conferred y/School (UG | by Centra | l and/o | Γ/ICMR/TI | EQII | |
| 7.Provide the li Institution/Dep Bank/CPE of U | st of Special Sta artment/Faculty (GC, etc.)? | tus conferred y/School (UG Fundi | by Centra | l and/o | of Award | EQII | P/World |
| 7.Provide the li Institution/Dep Bank/CPE of U Institution/ Dep tment/Faculty/S hool Institution 8.Provide detai Upload the composition 9.No. of IQAC in Were the | st of Special Statement/Faculty GC, etc.)? Dar Scheme Sc Nil Is regarding the latest notification of the IQAC because of the IQAC because of the second s | Fundi composition on regarding the year. C meeting(s) | by Centra C/CSIR/DS ng Agency of the IQA e View Fil | Year with | of Award Duration | EQII | P/World mount |

| If No, please upload the minutes of the meeting(s) and Action Taken Report | No File Uploaded | |
|--|------------------|--|
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|--|--|
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• Name of the statutory body

| Name of the statutory body | Date of meeting(s) |
|---|--------------------|
| 13th Governing body | 22/07/2023 |
| 14. Was the institutional data submitted to AISHE ? | Yes |

• Year

| Year | Date of Submission |
|-----------|--------------------|
| 2021-2022 | 13/01/2023 |

15. Multidisciplinary / interdisciplinary

Multidisciplinary approaches involve bringing together knowledge and perspectives from multiple disciplines to study a single topic. Each discipline retains its own distinct methods and frameworks, and they are applied in parallel to the topic at hand. Interdisciplinary approaches, on the other hand, involves in integrating knowledge and perspectives from multiple disciplines to create a new enhanced understanding of a topic.

The boundaries between disciplines are blurred or crossed as researchers work together to develop a unified framework for understanding the complex issue at hand. CDC, PAC, DAB and ACM are involved in the curriculum design and development as per decision PSNCET Board of studies done all of the modifications and inclusions in the curriculum and syllabus. 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 next 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, IPR, rural development etc., In addition to the curriculum, various clubs such as innovation, eco, science, green, quiz, yoga, literary and finance, tamil mandram etc are functioning which provides an opportunity in promoting multidisciplinary activities for students and faculty members through various events conducted. To enhance the multidisciplinary 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. B.E, honors, open book test for problem oriented and subject at CAT-III is also introduced.

16.Academic bank of credits (ABC):

The ABC is an integral part of the National Education Policy (NEP) 2020, which advocates for a flexible and multidisciplinary education system. By enabling students to accumulate credits from multiple institutions, the ABC promotes multiple entry and exit points in higher education, allowing students to customize their learning pathways and pursue multiple degrees or diplomas. The PSNCET Internal Quality Assurance Cell (IQAC) plays a crucial role in implementing and promoting the ABC within an institution. IQACs are tasked with ensuring that the institution's credit

management system is aligned with the ABC framework and guidelines. They also collaborate with faculty and departments to develop and implement interdisciplinary courses and programs that utilize the flexibility afforded by the 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. We have registered on Academic bank of credits portal and our NAD ID is: NAD094631

17.Skill development:

The PSNCET Internal Quality Assurance Cell (IQAC) plays a crucial role in promoting skill development initiatives within an institution. By fostering collaboration between academia and industry, identifying skill gaps, and implementing effective skill development programs, IQACs can contribute significantly to enhancing the employability of graduates. The institution encourages the faculty to update their knowledge by offering and undergoing refresher courses, seminar, conference, training program faculty development programmes and workshops. In addition, the institution has provided with more number of 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, industry-led internships. • 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, career counseling and placement services 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. By implementing these strategies, IQACs can play a pivotal role in enhancing the employability of graduates and ensuring that they are equipped with the skills necessary to succeed in the everevolving job market.

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

The appropriate integration of Indian Knowledge Systems (IKS) into the Annual Quality Assurance Review (AQAR) serves as a crucial mechanism for assessing and enhancing the institution's efforts to incorporate IKS principles and practices into its teaching, research, and extension activities. The PSNCET has great exposure and have live practice on IKS especially on Outcome based education (OBE). The outcome of this effort three branches (Mech, EEE, CSE) NBA was submitted SAR with positive notes. 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 and appropriate locals. 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):

PSNCET IQAC keenly understood the Outcome-based education (OBE) is an educational approach that focuses on the outcomes that students are expected to achieve rather than the process of learning. In OBE, the learning process is designed to ensure that students achieve the desired outcomes, and assessment is used to measure student progress towards those outcomes. The major decisions/improvements are carried out based on the feedback received from the students alumni, faculty and stakeholders. OBE is implemented for 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. OBE is a powerful tool that can be used to improve student learning. PSNCET focusing on the outcomes that students are expected to achieve, OBE can help

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to ensure that students are prepared for success in college, career, and life.

20.Distance education/online education:

PSNCET 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 introduced. Students may be permitted to choose maximum number of credits with the prior 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. The student needs to obtain certification or credit transferred becomes eligible for exemption in writing the End Semester Examination from the relevant semester with the prior approval of the Controller of Examinations. 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.

Extended Profile

1.Programme

1.1

Number of programmes offered during the year:

| File Description | Documents |
|---|------------------|
| Institutional Data in Prescribed Format | <u>View File</u> |

2.Student

2.1

Total number of students during the year:

| File Description | Documents |
|---|------------------|
| Institutional data in Prescribed format | <u>View File</u> |

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2.2

Number of outgoing / final year students during the year:

| File Description | Documents |
|---|------------------|
| Institutional Data in Prescribed Format | <u>View File</u> |

2.3

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

| File Description | Documents |
|---|------------------|
| Institutional Data in Prescribed Format | <u>View File</u> |

3.Academic

3.1

Number of courses in all programmes during the year:

| File Description | Documents |
|---|------------------|
| Institutional Data in Prescribed Format | <u>View File</u> |

3.2

Number of full-time teachers during the year:

| Extended Profile | | |
|--|---------------------|------------------|
| 1.Programme | | |
| 1.1 | | 16 |
| Number of programmes offered during the year | :: | |
| File Description | Documents | |
| Institutional Data in Prescribed Format | | <u>View File</u> |
| 2.Student | | |
| 2.1 | | 1594 |
| Total number of students during the year: | | |
| File Description | Documents | |
| Institutional data in Prescribed format | | View File |
| 2.2 | | 477 |
| Number of outgoing / final year students during | g the year: | |
| File Description Documents | | |
| Institutional Data in Prescribed Format | | <u>View File</u> |
| 2.3 | | 477 |
| 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.Academic | | |
| 3.Academic 3.1 | | 427 |
| | ne year: | 427 |
| 3.1 | ne year: Documents | 427 |
| 3.1 Number of courses in all programmes during the | | 427 View File |

| 3.2 | | 147 |
|--|-----------|------------------|
| Number of full-time teachers during the year: | | |
| File Description | Documents | |
| Institutional Data in Prescribed Format | | <u>View File</u> |
| 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 | | 87 |
| Total number of Classrooms and Seminar halls | | |
| 4.3 | | 960 |
| Total number of computers on campus for academic purposes | | |
| 4.4 | | 1196.76 |
| 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 allinclusive curricula for all the programmes offered once in four years. The needs, instructional approaches, context, vision, and values are all taken into account when creating the curricula. In addition, the curriculum takes into account regional and

local demands in addition to national and international advancements. Program Specific Outcomes (PSOs) and Program Educational Objectives (PEOs) are improved during the curriculum design process because PSNCET launched an outcome-based (OBE) curriculum in 2018 and 2022. Course outcomes (POs) are created by the relevant departments in order to meet the intended outcome at the conclusion of each course, whereas program outcomes (POs) are determined in accordance with AICTE guidelines. The curricula are created by seasoned instructors who have received training in OBE and curriculum design. The curriculum development process: The curriculum is created using the aforementioned criteria, and a draft is distributed to all parties involved. The following are given weights in the curriculum: The following courses are required: Employability Enhancement courses, Open Electives, Professional Electives, Humanities and Social Sciences, Basic Sciences, Engineering Sciences, and Professional Core courses.

| File Description | Documents |
|---------------------------------------|---|
| Upload additional information, if any | <u>View File</u> |
| Link for additional information | |
| | https://psncet.ac.in/wp- |
| | content/uploads/2024/04/1.1.1-front-1.pdf |

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

16

| File Description | Documents |
|---|------------------|
| Minutes of relevant Academic Council/BOS meeting | <u>View File</u> |
| Details of syllabus revision during the year | <u>View File</u> |
| Any additional information | <u>View File</u> |

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

551

| File Description | Documents |
|--|------------------|
| Curriculum / Syllabus of such courses | <u>View File</u> |
| Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses | <u>View File</u> |
| MoUs with relevant organizations for these courses, if any | <u>View File</u> |
| Any additional information | No File Uploaded |

1.2 - Academic Flexibility

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

84

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

${\bf 1.2.2 - Number\ of\ Programmes\ offered\ through\ Choice\ Based\ Credit\ System} \ (CBCS)/Elective\ Course\ System$

17

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

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

Through required courses for all study streams, the university

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hopes to instill in its students moral ideals, ethics, social duties, environmental awareness, and sustainability. The first year of the program includes a course on social value education, which focuses on instilling moral principles and social obligations. In addition, all disciplines of study offer a required course on Human Rights and Value Education in their third year of curriculum. All second-year students are eligible to take an Environmental Studies course, which addresses environmental sustainability, pollution concerns, environmental preservation, and the value of ecosystems to human life. The college's NSS unit plans camps in the neighboring villages and assists the locals in maintaining a clean environment. Gender Issues: From a cross-cultural standpoint, students are made aware of and motivated to work toward gender equality. Gender justice, gender equality, human rights, and women's rights are all included in structured gender-sensitization camps. The women's empowerment cell is fully operational and handles all issues and bias related to gender on campus. One of the main topics of the Professional Ethics course is the value of an ethical 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 | <u>View File</u> |
| Any additional information | No File Uploaded |

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

34

| File Description | Documents |
|--|------------------|
| List of value-added courses | <u>View File</u> |
| Brochure or any other document relating to value-added courses | <u>View File</u> |
| Any additional information | No File Uploaded |

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

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1119

| File Description | Documents | |
|----------------------------|------------------|--|
| List of students enrolled | <u>View File</u> | |
| Any additional information | No File Uploaded | |

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

410

| File Description | Documents |
|--|------------------|
| List of programmes and number of students undertaking field projects / internships / student projects | <u>View File</u> |
| 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 obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

A. All 4 of the above

| File Description | Documents |
|---|--|
| Provide the URL for stakeholders' feedback report | https://psncet.ac.in/wp-content/uploads/2 024/04/FDS-Stakeholder.docx.pdf |
| Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management | <u>View File</u> |
| Any additional information | No File Uploaded |

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/2 024/04/FDS-FEEDBACK-ANALYSIS.docx.pdf |
| Any additional information | <u>View File</u> |

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

426

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| Institutional data in prescribed format | <u>View File</u> |

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)

405

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| Number of seats filled against seats reserved (Data Template) | <u>View File</u> |

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.

Program of Orientation The Orientation Program, which includes yoga, computer training, personality development, and communication skills, is held at the start of the first year. Evaluation of pupils' learning levels Using the results of internal exams and mentorship, students are divided into two groups: advanced learners and slow learners. Advanced students are encouraged to engage in numerous technical activities, contests, paper presentations at conferences, symposiums, workshops, and journal articles. For the slow learners, study

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materials and a question bank with answers are provided. The topic teacher leads the remedial session after work, and significant subjects are covered. Quick Track Plan: A student is eligible for fast track if he has completed all of his coursework up to the V semester and has a CGPA of 7.5. In these cases, he will study 8th semester courses in the VI and VII semesters, allowing him to enroll in an internship program after eight semesters. Extra points: In addition to the maximum credits needed for UG programs, all students must gain 30 extra credits in order to receive a degree. To get the necessary amount of credits, students are able to select any program, activity, or course.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://psncet.ac.in/wp- content/uploads/2024/04/2.2.1-front-1.pdf |

2.2.2 - Student - Teacher (full-time) ratio

| Year | Number of Students | Number of Teachers |
|------------|--------------------|--------------------|
| 20/04/2023 | 1594 | 147 |

| File Description | Documents |
|-----------------------------------|------------------|
| Upload any additional information | <u>View File</u> |

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: In order for students to obtain practical experience and professional knowledge, they must complete an internship. A library featuring an extensive collection of books, e-books, e-journals, and NPTEL lecture videos is accessible via remote access tools. Theoretical concepts are verified in the lab to enhance problem-solving, experiential, and participatory learning processes. The purpose of industrial visits, field visits, and in-plant training is to improve, illustrate, and apply different concepts in an actual workplace.

Participative Learning: To learn about the most recent technological advancements, guest lectures, seminars, and workshops are arranged. Technical courses with added value to help students land jobs and launch their own businesses. Group talks on particular subjects are planned to improve students' overall personality development. Technical symposiums covering a range of cutting-edge subjects are held. Extension programs run by NSS, YRC, and RRC help students develop into responsible citizens in the community. Techniques for Solving Problems: The purpose of case studies is to enhance problem-solving abilities. Students can apply their theoretical understanding to fabrication and real-time applications through their Mini Project and Main Project. Tutorial sessions are offered to improve the ability to solve problems.

| File Description | Documents |
|-----------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Link for additional Information | |
| | https://psncet.ac.in/wp- |
| | content/uploads/2024/04/2.3.1-front-1.pdf |

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

To promote ICT usage, all of the seminar halls and classrooms have ICT tools installed. Faculty development programs (FDPs) are used to teach instructors how to use internet resources and ICT tools. There is professional assistance available for using ICT tools. Students can access video lectures that have been filmed and stored in the media center. Pupils sign up for NPTEL courses online. Through video lectures, teachers supplement their in-class instruction with topics beyond the syllabus. The virtual lab facilitates the realization of a virtual teaching and learning environment targeted at improving students' laboratory skills. For academic administration, our university uses ERP (Enterprise Resource Planning) software. Our digital library's E-Books and E-Journals (DELNET / JGATE) are readily available to students. Teachers also use Whatsapp, Google Classroom, and Gmail to share course resources, such as lecture notes, a question bank, assignment themes, etc.

| 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/2 024/04/2.3.2-front-1-1.pdf |
| Upload any additional information | <u>View File</u> |

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

2.3.3.1 - Number of mentors

118

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

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

The director or dean of academics prepares the academic calendar, which includes the number of instruction days to be held, the specifics of the ongoing assessment test, the timetable for the end-of-semester theory examinations, the holidays for the semester, and a sufficient balance between academic and extracurricular activities. Based on the academic calendar, the departments create a semester plan for the semester that includes value-added courses, conferences, guest lectures, seminars, industrial visits, extension activities, and workshops. Schedules are created well in ahead and posted on the ERP and each classroom's notice board. The faculty creates a course plan every semester that contains information on the amount of teaching hours required for each unit, the course objectives, the delivery strategies and resources, textbooks, etc. The principal, the director of academics, and the heads of the departments all review and approve lesson plans. The principal and department heads periodically check that the lesson plan is being taught as intended and that the units being covered are moving forward. In order to fulfill their educational goal, teachers devote a great deal of time and effort on executing the unit planner.

| File Description | Documents |
|---|------------------|
| Upload the Academic Calendar and Teaching Plans during the year | <u>View File</u> |

2.4 - Teacher Profile and Quality

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

147

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

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

52

| 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 | <u>View File</u> |
| Any additional information | No File Uploaded |

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

5.5

| File Description | Documents |
|---|------------------|
| List of teachers including their PAN, designation, Department and details of their experience | <u>View File</u> |
| Any additional information | No File Uploaded |

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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

14

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

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 | <u>View File</u> |
| Upload any additional information | <u>View File</u> |

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

IT Integration in the Exam System: All aspects of the exam process are automated, including registration, the creation of hall passes, the release of the exam results, and result publishing. Exam Management Software facilitates the complete automation of the examination system, and it is integrated with the college's ERP software to enable online result dissemination. Advantages of the Exam System Reforms:.privacy when choosing a question paper.consistency in the assessment and providing the pupils with a reasonable explanation.removes the chance of unfair things happening during the examination.There are no human errors in the data processing.dependable and impervious to manipulation.Significant improvements have been made to the examination process's overall speed, accuracy, secrecy, dependability, security, and transparency.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional Information | https://psncet.ac.in/wp- content/uploads/2024/04/2.5.3-1.pdf |

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

SUCCESS EVIDENCE: THE COMMUNICATION MECHANISM WITH THE STUDENTS On the Institution and Classrooms webpage, POs, PSOs, and PEOs are visible. Libraries, faculty rooms, notice boards, HOD rooms, and laboratories An overview of the program and curriculum in relation to PEOs, POs, PSOs, and COs is provided at the orientation session that is held for new students at the start of each academic year or semester. A road map for adhering to the intended objectives is provided by the unit planner/lesson plan, which is communicated with the students well in advance of the start of the course work. As part of routine education, faculty members for each course convey expectations, targets, and desired outcomes of every unit. The faculty continuously emphasizes the goals and standards to be met throughout the teaching-learning process.

| File Description | Documents |
|--|---|
| Upload COs for all courses (exemplars from the Glossary) | <u>View File</u> |
| Upload any additional information | No File Uploaded |
| Link for additional Information | https://psncet.ac.in/wp- content/uploads/2024/04/2.6.1-front.pdf |

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

METHODOLOGY ADOPTED For every course, course outcomes are first developed and approved by the head of the corresponding department using the Bloom taxonomy. Two assessment tools are used in the computation of PO and PSO accomplishment. 1. Direct Instruments for Assessment Assignments, CIA, Attendance, and

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Final Exam On a scale of 1 to 3, the COs are mapped to the POs and PSOs. The maps and CO attainments are utilized to calculate PO and PSO attainment. Next, correlation matrices for CO-PO and CO-PSO are established for each course in the program. For every course, a target attainment level is established. Levels of attainment Attainment Level 1: When between 50% and 59% of pupils receive grades higher than 50% Attainment Level 2: When 60-69% of students receive grades higher than 50% Attainment Level 3: When more than 70% of students receive grades higher than 50%.

1. Instruments for Indirect Assessment Course-end, student exit, alumni, employer, and parent surveys are among the questionnaires. On a scale of 1 to 3, the surveyquestions correspond to the POs and PSOs' Excellent -5, Good -3, and Satisfactory - 1. The mappings and the replies are utilized to compute PO & PSO attainment indirectly.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | No File Uploaded |
| Paste link for additional Information | https://psncet.ac.in/wp- content/uploads/2024/04/2.6.2.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

313

| File Description | Documents |
|--|--|
| Upload list of Programmes and number of students appear for and passed in the final year examinations | <u>View File</u> |
| Upload any additional information | No File Uploaded |
| Paste link for the annual report | https://psncet.ac.in/wp- content/uploads/2024/04/COE-REPORT-2.pdf |

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

https://psncet.ac.in/wp-content/uploads/2024/02/2.7.1-2.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 provide complete autonomy to the professors in selecting their area of specialty and doing research on it. To provide essential infrastructure for doing research on campus; To provide initial funding via programs provided by the institution as a start-up grant; Financial support for presenting research results at seminars or conferences; The primary investigator has autonomy to use overhead costs and conduct financial transactions for the project. Regularly reviewing technological advancements to guarantee projects are completed on schedule. Timely submission of usage certificate to the financial agencies or college.

| File Description | Documents |
|---|---|
| Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption | <u>View File</u> |
| Provide URL of policy document on promotion of research uploaded on the website | https://psncet.ac.in/wp-content/uploads/2 023/12/RESEARCH-POLICY-1.pdf |
| Any additional information | <u>View File</u> |

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)

3,96,000

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

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

Nil

| 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 |

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)

Nil

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

3.2.2 - Number of teachers having research projects during the year

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Nil

| File Description | Documents |
|---|------------------|
| Upload any additional information | No File Uploaded |
| Paste link for additional Information | <u>Nil</u> |
| List of research projects during the year | No File Uploaded |

3.2.3 - Number of teachers recognised as research guides

23

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

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

Nil

| File Description | Documents |
|---|------------------|
| Supporting document from Funding Agencies | No File Uploaded |
| Paste link to funding agencies' website | <u>Nil</u> |
| Any additional information | No File Uploaded |

3.3 - Innovation Ecosystem

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

The college places great emphasis on promoting research. The institution has five departments that are accredited research centers by Anna University: Computer Science and Engineering, Electronics and Communication Engineering, Mechanical Engineering, Physics, and Chemistry. Entrepreneur Development

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Cell (EDC) The college places equal emphasis on entrepreneurship activity facilitated by the Entrepreneur Development Cell (EDC). Periodic meetings, seminars, and interactions with industry experts and entrepreneurs are organized to cultivate an entrepreneurial mentality among students. Industry-Academia Collaboration Office The IIP Cell acts as an intermediary between the institution and industry. This unit provides consultation services and organizes industrial visits to acquaint students with actual industry concerns. The Cell provides employment-oriented programs for students in collaboration with the industry to enhance their competitiveness in the job market. Innovation Clubs PSNCET Business Innovation and Incubation Center (BIIC), Supports students and fellow faculty members who are all interested in creating business and promoting the ideas to the world in the form of business. The facilities at PSNCET BIIC provides an innovation and to develop creativity thinking to solve real world day today problems. Also the institute has morethen 10 incubatees and their startups, institute regularly participate innovation, startup related activities.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://psncet.ac.in/wp- content/uploads/2024/02/3.3.1-new.pdf |

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

48

| File Description | Documents |
|--|------------------|
| Report of the events | <u>View File</u> |
| List of workshops/seminars conducted during the year | <u>View File</u> |
| 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

A. All of the above

the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

| 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 | <u>View File</u> |
| 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

13

| File Description | Documents |
|--|-------------------------------------|
| URL to the research page on HEI website | https://psncet.ac.in/research-home/ |
| List of PhD scholars and details like name of the guide, title of thesis, and year of registration | <u>View File</u> |
| 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

146

| File Description | Documents |
|---|------------------|
| List of research papers by title, author, department, and year of publication | <u>View File</u> |
| Any additional information | <u>View File</u> |

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

8

| File Description | Documents |
|---------------------------------------|--|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://psncet.ac.in/wp- content/uploads/2024/04/3.44.pdf |

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

355

| File Description | Documents |
|---|------------------|
| Any additional information | No File Uploaded |
| Bibliometrics of the publications during the year | <u>View File</u> |

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

14

| File Description | Documents |
|--|------------------|
| Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution | <u>View File</u> |
| 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)

Nil

| 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

558729

| File Description | Documents |
|---|------------------|
| Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy | <u>View File</u> |
| 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 | <u>View File</u> |

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 founded with two units, one subsidized and one self-financing, each consistingofmore than 150students. The NSS Cell trains volunteers to enhance their overall personality development via community service and awareness programs. The college's principal activities include students' involvement in community service, blood donation, and awareness campaigns both on and off campus, with the NSS Cell playing a significant part. Students are provided non-CGPA credits as acknowledgment for their active engagement in community service to push them. Aside from the activities of the NSS Cell, the college hosts other

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events and programs such as International Day of Yoga, World Environment Day, National Voters Day, COVID immunization camps, Thamiraparani river cleaning, Road Safety Week, World Hepatitis Day, and World Heart Day. The Youth Red Cross (YRC) and Red Ribbon Club (RRC) are constantly engaged in organizing and implementing different programs for the community. The institute also participates in UBA Schemes and its promotions in the villages through these extension activities. During the year20222-2023, the institute organized 26 programmes to promote Extension activities carried out in the neighborhood sensitizing students to social issues for their holistic development.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://psncet.ac.in/wp- content/uploads/2024/02/3.6.1-front.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

03

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

26

| File Description | Documents |
|---------------------------------|------------------|
| Reports of the events organized | <u>View File</u> |
| Any additional information | <u>View File</u> |

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

1208

| File Description | Documents |
|----------------------------|------------------|
| Reports of the events | <u>View File</u> |
| Any additional information | <u>View File</u> |

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

548

| File Description | Documents |
|--|------------------|
| Copies of documents highlighting collaboration | <u>View File</u> |
| Any additional information | <u>View File</u> |

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)

33

| File Description | Documents |
|---|------------------|
| e-copies of the MoUs with institution/ industry/ corporate house | <u>View File</u> |
| Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year | <u>View File</u> |
| Any additional information | <u>View File</u> |

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.

The institution haspicturesque and verdant scenery, pleasing

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architecture, environmentally conscious surroundings, expansive and well-equipped classrooms, fully equipped labs, centers of excellence in specialized fields, and extensive infrastructure over 26.74 acres. The institution has well-furnished, large, well-ventilated, and well-illuminated classrooms. Classrooms are meticulously maintained to meet the standards for optimal visibility and audibility. All classrooms are furnished with essential amenities such as blackboards, projectors, fans, lighting, and power backup. Around 89% of classrooms are equipped with LCD projectors and LAN/Wi-Fi connection. The classrooms are furnished with smart boards and video conferencing capabilities to improve the teaching-learning experience. The institution's labs are well-equipped and have been established underthe standards of AICTE and Anna University. Suitable equipment is given according to the curriculum for conducting experiments. Students get access to laboratories outside of regular working hours as required. Safety protocols are adhered to in the labs and strategically positioned inside the facilities. The institution contains eight seminar rooms in the academic blocks with varying seating capacities, as well as an auditorium for hosting seminars, conferences, guest lectures, workshops, and major events for students and teachers.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://psncet.ac.in/wp- content/uploads/2024/04/4.1.1-new.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 institution is promoting student participation in sports and games by offering sports facilities and coaching to ensure students' overall development. Every year, the institution hosts national level sports events called the PSN Trophy. Our college's Department of Physical Education arranges sports and activities such as Football, Volleyball, Basketball, Kabaddi, Hockey, and Athletics for both staff and students. Our college students have achieved several awards in sports competitions held at state, national, and worldwide levels. Our students participate in inter-university and national level sports contests on behalf of Anna University. Travel and food

allowances are given to all athletes and physical directors when they compete in sports competitions at other institutions. Our students have taken part in sporting tournaments hosted by Anna University Tournaments, CM Trophy, and all other sports tournaments organized. Students' ethical beliefs and social duties are nurtured at the Rural Development club, Environmental club, and Moral clubs. The faculty members in charge of the clubs provide systematic and significant assistance and advice to students to enhance their overall abilities and cultivate good citizenship. Enhancing proficiency in sophisticated technologies and fostering a mindset of ongoing learning are achieved by participation in numerous groups.

| File Description | Documents |
|---------------------------------------|---|
| Geotagged pictures | <u>View File</u> |
| Upload any additional information | No File Uploaded |
| Paste link for additional information | https://psncet.ac.in/wp-content/uploads/2 024/01/4.1.2.pdf-index.pdf |

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

32

| File Description | Documents |
|--|------------------|
| Upload any additional information | <u>View File</u> |
| Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template) | <u>View File</u> |

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

716.05

| File Description | Documents |
|--|------------------|
| Upload audited utilization statements | <u>View File</u> |
| Details of Expenditure, excluding salary, during the years | <u>View File</u> |
| 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

PSN College of Engineering and Technology implemented an automated library system in 2015 using the PSNLIB software created by the Computer Science and Engineering department. In 2021, they integrated Koha (Open-Source Software) LMS with a perceptual license for the Knowledge Resource Center (KRC). Koha is a globally used open-source integrated library system by public, educational, and special libraries. Koha is an online Integrated Library Management System (IL-MS) that utilizes a SQL database, preferably My SQL, to hold cataloging data in MARC format. This data may be accessed by Z39.50 or SRU protocols. The user interface is very customizable and versatile, with translations available in other languages. The program is designed to operate in a client-server scenario and is userfriendly. The program complies with worldwide standards for bibliographic formats, networking, and circulation protocols. Koha Software supports over 150 languages following Indian and international standards including CCF, AACR2, MARC21, UNIMARC, and allows cataloguing import from the Library of Congress web catalogue.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://psncet.ac.in/wp- content/uploads/2024/02/4.2.1-new.pdf |

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

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

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

1275531

| File Description | Documents |
|---|------------------|
| Audited statements of accounts | <u>View File</u> |
| Any additional information | No File Uploaded |
| Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template) | <u>View File</u> |

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

475

| File Description | Documents |
|--|------------------|
| Upload details of library usage by teachers and students | <u>View File</u> |
| Any additional information | <u>View File</u> |

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-developed IT infrastructure and facilities. The college has implemented a high-speed campus-wide fiber optic network connecting all its departments, which

includes 852 systems. Each department has its own dedicated computer lab for programming and simulation activities to teach computational skills to students. All faculty members are equipped with desktops or laptops that have internet/Wi-Fi access. All faculty members and students were given institution email addresses (@psncet.ac.in) via Google Apps and ERP login credentials. ERP software supports several additional IT services such as fee payment and inventory management. An exclusive Android application for ERP software has been created for students and staff to utilize. The institution has 16 lecture rooms that are furnished with smart digital boards, audio and video systems, and internet access. These facilities allow for advanced and interactive learning experiences, including virtual lectures from industry and academic experts. Teachers' writings on the boards are instantly transformed into electronic information and easily shared with students using an Android application. NPTEL lecture videos, e-journals, and ebooks are available for access in the lecture rooms. These intelligent interactive boards are used for conducting OEEE Classes. The college's media center is furnished with a Wacom tablet for capturing lectures and other audiovisual gear for recording and editing video lectures. The faculty's e-contents may be accessed via the institute's website and YouTube channel.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://psncet.ac.in/wp- content/uploads/2024/04/4.3.1-front.pdf |

4.3.2 - Student - Computer ratio

| Number of Students | Number of Computers |
|--------------------|---------------------|
| 1416 | 860 |

| File Description | Documents |
|-----------------------------------|------------------|
| Upload any additional information | <u>View File</u> |

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

| File Description | Documents |
|---|------------------|
| Details of bandwidth available in the Institution | <u>View File</u> |
| Upload any additional information | No File Uploaded |

4.3.4 - Institution has facilities for e-content A. All four of the above development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

| File Description | Documents |
|--|---|
| Upload any additional information | No File Uploaded |
| Paste link for additional information | https://psncet.ac.in/wp- content/uploads/2024/02/4.3.4-updated.pdf |
| List of facilities for e-content development (Data Template) | <u>View File</u> |

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)

194.21

| File Description | Documents |
|-----------------------------------|------------------|
| Audited statements of accounts | <u>View File</u> |
| 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 clear procedures and policies in place to uphold the academic, physical, and support facilities provided by the institution. The college has competent and professional personnel to carry out maintenance tasks in all areas. A specific budget is set out for maintaining academic facilities

such as labs, classrooms, skill-related workshops, and conference and seminar halls. Furthermore, the overall amenities such as sports and games rooms, bathrooms, and landscapes are also maintained with a designated budget. Non-teaching and housekeeping workers get regular training in maintenance and safety. The indoor facilities, including classrooms, labs, library, corridor, and staircase, is maintained and cleaned daily by the institute's housekeeping service, overseen by the Estate Officer. Fire extinguisher maintenance is outsourced since the cylinder is refilled annually. Outsourced services include air conditioning, elevator, and CCTV maintenance. A Medical Officer leads the dispensary. She is assisted by three nurses. There are twelve beds available for in-patient treatment. Treatment at the dispensary is offered free of charge for the personnel and students. An ambulance is stationed on campus to respond to medical emergencies. The Physical Director is assisted by Assistant Physical Directors, Markers, and Attenders for physical activities and sports upkeep.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://psncet.ac.in/wp- content/uploads/2024/02/4.3.4-updated.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

1860

| File Description | Documents |
|---|------------------|
| Upload self-attested letters with the list of students receiving scholarships | <u>View File</u> |
| Upload any additional information | <u>View File</u> |

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

474

| File Description | Documents |
|---|------------------|
| Upload any additional information | <u>View File</u> |
| Institutional data in prescribed format | <u>View File</u> |

5.1.3 - The following Capacity Development A. All of the above 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

| File Description | Documents |
|---|---|
| Link to Institutional website | https://psncet.ac.in/wp- content/uploads/2024/02/5.1.3-newww.pdf |
| Details of capability development and schemes | <u>View File</u> |
| Any additional information | <u>View File</u> |

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

1487

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

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

A. All of the above

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 | <u>View File</u> |
| Details of student grievances including sexual harassment and ragging cases | No File Uploaded |
| Upload any additional information | No File Uploaded |

5.2 - Student Progression

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

259

| File Description | Documents |
|---------------------------------------|------------------|
| Self-attested list of students placed | <u>View File</u> |
| Upload any additional information | <u>View File</u> |

5.2.2 - Number of outgoing students progressing to higher education

25

| File Description | Documents |
|---|------------------|
| Upload supporting data for students/alumni | <u>View File</u> |
| Details of students who went for higher education | <u>View File</u> |
| 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

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1

| File Description | Documents |
|--|------------------|
| Upload supporting data for students/alumni | <u>View File</u> |
| Any additional information | <u>View File</u> |

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

79

| File Description | Documents |
|--|------------------|
| e-copies of award letters and certificates | <u>View File</u> |
| Any additional information | <u>View File</u> |

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

The Class Monitoring Committee consists of the Head of the department, Faculty Coordinator (who does not teach any topics in the class), all faculty members teaching subjects in the class, and four to five students from the class. The committee convenes three times every semester to review the courses' advancement and the teaching methods used in the classroom. The Anti-Ragging Committee will oversee and provide guidance in maintaining a culture free of ragging on the college campus. The Anti-Ragging Squad's office bearers will operate under the supervision of the Anti Ragging Committee and will be responsible for inspecting locations such as hostels, buses, canteens, classrooms, and other areas where students gather. Committee for Addressing Complaints A Sexual Harassment Committee has been established in accordance with the UGC guidelines and the Supreme Court to provide a safe environment for the college students. This Committee addresses matters of sexual harassment. The committee is established to prevent sexual assaults, rape, and other similar crimes against female students and to provide a secure atmosphere for their study.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://psncet.ac.in/wp-content/uploads/2 024/04/5.3.2-committee-front.pdf |

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

27

| File Description | Documents |
|--|------------------|
| Report of the event | <u>View File</u> |
| List of sports and cultural events / competitions organised per year | <u>View File</u> |
| Upload any additional information | <u>View File</u> |

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

The Alumni Association/Chapters (registered and functional) contributes considerably to the growth of the institution through financial and non-financial methods throughout the previous years. The PSNCET ALUMNI ASSOCIATION was established in 2020 under the Tamilnadu Societies Registration Act, 1975, with its headquarters located in Palayamkottai, Tamilnadu. The main goal is to reunite, reminisce, and relive memories, connect with classmates, develop bonds, and appreciate the experiences obtained over the years. The Alumni Association aims to promote dynamic student-alumni relationships to enhance student learning and allow alumni to share their valuable skills. Goals of PSNCET ALUMNI ASSOCIATION To maintain a list of all college alumni and their relevant information. Keeping the alumni database relevant and up-to-date. To cultivate and support strong connections among the alumni. To foster a lasting connection with the Alma Mater among the Alumni via consistent communication. To provide and distribute information about their Alma Mater, including its alumni, faculty, and students, to the alumni. To facilitate discussions among alumni on current academic, cultural, and social topics via the organization and coordination of reunion

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events. To allow the alumni to express their thanks to their Alma Mater. To aid and bolster PSNCET's endeavors in securing financing for development.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional Information | https://psncet.ac.in/wp- content/uploads/2024/02/5.4.1-final.pdf |

5.4.2 - Alumni's financial contribution during the year

C. 5 Lakhs - 10 Lakhs

| File Description | Documents |
|-----------------------------------|------------------|
| Upload any additional information | <u>View File</u> |

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 goal of PSNCET is to become a trailblazing organization that instills engineering ideals, ethics, research, skills, and education. The mission statement reads, "Through innovative teaching and learning practices, we will achieve greater heights of excellence in technical knowledge and skill development."

- To create cutting-edge infrastructure in order to satisfy the needs of the coming technology revolution.
- To develop and promote research in all areas for the benefit of society.
- To cultivate personal skills that will improve students' inventiveness, employability, and entrepreneurship.
- To inculcate moral and ethical principles for society harmony and peace, along with improved levels of discipline among pupils.
- To help students comprehend the significance of PSNCET in connection to their education and career, the organization's vision and mission statements are displayed at the entrance to each building that contains departments, laboratories, research centers, auditoriums, and recreation centers. In keeping with the mission

statement, PSNCET has excellent classrooms that are wellventilated and set against a green backdrop. To conduct laboratory-related courses, PSNCET offers excellent laboratory facilities.

It offers excellent library resources to help pupils develop a love of reading. Governance, perspective planning, and educators' involvement in groups that make decisions: The Chairman oversees the institution's management and directs the Principal, professors, and students in pursuing the institute's mission.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional Information | https://psncet.ac.in/wp-content/uploads/2 024/04/6.1.1-front-corrected.pdf |

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

Transparent and effective decentralized management characterizes PSN College of Engineering and Technology. At every level of the institutional structure, the college has a complete evidence system in place for assigning authority. This enables each PSNCET member to take part in decision-making at their appropriate level. The college operates under the direction of the Governing Council and in accordance with the administrative handbook and statutory bodies' rules and regulations. Under the direct direction of the Principal, all departments within the institution, including the library, examination cell, and administrative office, operate. The corresponding HoDs are in charge of the departments' daily academic operations and subject distribution.

The Institute's Examination Cell is in charge of the Continuous Assessment Tests, the HODs are in charge of the Multiple Choice Questions, and the Chief Superident of Examination and Controller of Examination are in charge of the end-of-semester exams. The principal reviews the monthly report with the HoDs and discusses any challenges or progress with them. The findings are shared with specific professors and staff members for their knowledge and application. Similarly the academic and non-academic works have separate decentralization with effective

staff and faculty members work for the benefit of the students.

| File Description | Documents |
|---|---|
| Upload strategic plan and deployment documents on the website | <u>View File</u> |
| Upload any additional information | No File Uploaded |
| Paste link for additional Information | https://psncet.ac.in/wp- content/uploads/2024/04/6.1.2-front-1.pdf |

6.2 - Strategy Development and Deployment

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

PSN College of Engineering and Technologymoves closer to being a leading HEI in the state of Tamilnadu and a better national educational and research institution via the effective planning and implementation of plans.Planning, carrying out, evaluating the results, and scheduling further planning, modification, and backup plans based on the findings and lessons gained. The Internal Quality Assurance Cell (IQAC) of the college has taken the initiative to gather input from all stakeholders in order to prepare the perspective plan. The institution creates and maintains both short- and long-term aims and objectives for academic progress via its many committees and cells. The goal of the strategically designed plans is to actualize the institution's administrative and academic growth.

Their expectations, the college'smanagement policies, vision, and mission are all taken into consideration when formulating the perspective plan. IQAC's primary responsibility is to recommend quality measures for an institution's improvement. The members of the IQAC have taken into account suggestions made at IQAC meetings as well as feedback from all stakeholders when creating a roadmap for future expansion.

| File Description | Documents |
|--|---|
| Strategic Plan and deployment documents on the website | <u>View File</u> |
| Paste link for additional information | https://psncet.ac.in/wp- content/uploads/2024/04/6.2.1-front-2.pdf |
| Upload any additional information | No File Uploaded |

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

In order to provide rural students with a high quality education, the institutionreaches out to the most economically and educationally disadvantaged residents of the area by offering basic amenities and excellent infrastructure while maintaining a holistic approach to life and education. Students are also given access to an ambient infrastructure. Academicians and industry experts make up the Governing Council, which sets policy for the organization. The Governing Council provides the Institution's Chairman with strong support when he introduces issues related to policy, planning, and institutional development. The college's academic council, which consists of the department heads, librarian, NSS officer, exam cell coordinator, control of examiner, physical director, and others, implements the strategic plans and oversees the college in accordance with the directives of the governing council. All of these individuals are bound by the regulations established by the state government and affiliated university as well as the provisions outlined in the college's byelaws. Establish admissions requirements in accordance with the state government's reservation policy. Encourage study in areas that are relevant. Provide suggestions about how to evaluate students' performance and develop tactics to improve outcomes. Utilize cutting-edge instructional technologies to raise the bar and foster more creativity. Encourage the adoption of healthy behaviors by putting projects into action that will benefit society as a whole, such as community service and extension activities.

| File Description | Documents |
|---|---|
| Paste link to Organogram on the institution webpage | https://psncet.ac.in/wp- content/uploads/2024/04/ORGANOGRAM.pdf |
| Upload any additional information | <u>View File</u> |
| Paste link for additional Information | https://psncet.ac.in/wp- content/uploads/2024/04/6.2.2-front.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 | <u>View File</u> |
| Screen shots of user interfaces | <u>View File</u> |
| Details of implementation of e- governance in areas of operation | <u>View File</u> |
| 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

In order to provide rural students with a high quality education, the institution offers the following welfare benefits to its teaching and non-teaching staff: 1. Employees of lower cadre are entitled to free transportation on PSNCET Institution buses, while other staff members may utilize the buses for a little price. 2. PSNCET grants full or partial fee concessions to staff members studying there. 3. The Principal and the Executive Director are given free quarters. 4. Bachelor faculty members get complimentary lodging and meals. 5. For the staff members in need, the PSNCET management pays for their medical costs. 6. The institution's administration covers the cost of registration, travel, lodging, and meals for faculty members attending national and international conferences, seminars, and faculty development programs. 7. Faculty members are permitted

to attend foreign universities with complete financial assistance for joint research. 8. Each year, the institutional financial assistance arranges a staff excursion. 9. The management offers its employees an EPF contribution. 10. The closed user group's (CUG) mobile costs are covered by the management. 11. Staff employees are entitled to free use of sports and leisure facilities. 12. The institution offers faculty members incentives for publishing their work in books and journals. 13. The management uses the management fund to cover the costs of providing a group health insurance plan to all administrative and faculty personnel. 14. Leaves of absence for attending conferences, seminars, workshops, etc. are granted while on duty.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://psncet.ac.in/wp- content/uploads/2024/04/6.3.1-updated.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

57

| File Description | Documents |
|---|------------------|
| Upload any additional information | <u>View File</u> |
| Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template) | <u>View File</u> |

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

13

| File Description | Documents |
|---|------------------|
| Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres) | <u>View File</u> |
| Upload any additional information | <u>View File</u> |

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.)

90

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Internal Audit:

Regular internal financial audits are carried out by our organization. The budgetary planning process is the first step in the auditing process, and the budget sanctioning procedure is well specified. Each department is informed of the authorized budget.supervisors as well as administrative supervisors. Every department and administrative head prepares a monthly budget based on this. The Chairman keeps an eye on and evaluates the Institution's spending.HODs and Incharges send the principle to the account office with the voucher and invoices for the purchases they made. The accounting department, principal office, and administrative office keep accurate records for all budgetary expenditures. After the invoices and vouchers are verified, the accounting department keeps a record of all the expenses.

External Audit:

Our organization adheres to the legally required auditing standards. Every financial year, the revenue and expense statement is properly audited and approved by a chartered accountant at the conclusion of the fiscal year. For the financial year, the auditor's report is prepared and submitted by the chartered accountant. The report demonstrates that our institution presents an accurate and fair picture of its financial situation, operational performance, and cash flows, and that the statements are presented honestly in all relevant ways.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://psncet.ac.in/wp- content/uploads/2024/02/6.4.1-front.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)

157500

| File Description | Documents |
|--|------------------|
| Annual statements of accounts | <u>View File</u> |
| Details of funds / grants received from non-government bodies, individuals, philanthropists during the year | <u>View File</u> |
| Any additional information | <u>View File</u> |

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

The primary revenue source for the Institution is derived from students' tuition fees. The tuition cost is determined by the management committee based on the previous year's financial expenses. The State Government of Tamilnadu also considers standards when determining the tuition cost. The increase in tuition fees is justified by the need to cover the costs associated with the yearly wage raise for faculty and support personnel, as well as the improvement of Dearness Allowance. The committee also allocates funding for capital spending.

The received fee is turned into fixed deposits and withdrawn

regularly based on the institute's needs. The fixed deposits are withdrawn and used for the college's expenses. The interest accrued from these fixed deposits is being used to meet the institution's requirements. The Institution receives grants from DST-SERB and AICTE for sponsored research programs. The instruments bought under these projects enhance the research labs of the Institution. Finances are also raised via consulting services. Efforts were also made to raise donations from the Institution's alumnae. The school features multi-storeyed buildings where written online examinations are conducted for central government, state government, and private enterprises throughout the recruiting process. Approximately Rs 150 Lakhs per year in rent is totally allocated to infrastructure development in order to increase the quality of education provided to pupils.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional Information | https://psncet.ac.in/wp- content/uploads/2024/01/6.4.3.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)

Continuous monitoring is needed to create standards in academics and administration. The Internal Quality Assurance Cell (IQAC) was established at our school in 2011 to improve the quality of the academic process and as a pre-accreditation measure. After the establishment of the IQAC Cell, the following initiatives have been implemented:

Outcome-based education course Achieving outcomes and improving them. Enrichment Courses CBCS Implementation Introduction of open electives and expansion of professional electives.

Internship is compulsory. Increased frequency of field trips, Reforms in examinations assist pupils. Implementation of a biometric attendance system for both teaching and non-teaching personnel, together with electronic surveillance of the campus. Engagement in NIRF Ranking Procedure, Outreach Activities, NPTEL

Credit Transfer Creation of an innovation lab to support and promote companies by academics and students. The internal quality assurance methods are designed to meet the standards set by the National Assessment and Accreditation Council (NAAC) and National Board of Accreditation (NBA). The cell aims to create a system that promotes continuous improvement in the institution's performance by engaging all stakeholders and internalizing a culture of quality, leading to the institutionalization of best practices. The IQAC often has meetings with Heads of Departments and Academic Coordinators of the department. The Academic Calendar contains information about the re-opening date, CAT schedule, vacations, model examination, and End semester Practical Examination.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://psncet.ac.in/wp- content/uploads/2024/02/6.5.1-front-1.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

1. Teaching and learning process:

The institution periodically reviews its teaching and learning processes, structure, techniques of operations, and learning results. Students are urged to make use of the Central library. Remedial lessons are organized for students who study at a slower pace. Quick learners are recommended for the accelerated program and several contests, as well as the seminar, workshop, and symposium. Relevant courses are added to the curriculum to improve students' communication skills. Teaching extends beyond the prescribed syllabus topics. Active Learning approaches including experimental learning, participatory learning, and problem-solving procedures are used to foster creativity inside classrooms. Several groups, including innovation, quiz, yoga, environment, photography, science, and green campus, are actively enhancing the educational process. Professors and industry experts from various educational institutions are asked to provide guest lectures in order to offer students a broad range of information. Curriculum development is achieved by regular input from students, teachers, and stakeholders.

2.Structure and Methodologies of Teaching and learning Operation:

Faculty members create a course plan far ahead of the start of classes. The course file includes the syllabus, lesson plan, teaching style, question bank, materials for slow and quick learners, assignments, and other information. The course file contents are validated by the department head and endorsed by the director of academics and the principal. It is managed by the faculty for the courses they teach.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://psncet.ac.in/wp- content/uploads/2024/02/6.5.2-front.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/2 024/02/ANNUAL-REPORT-FOR-THE-ACADEMIC- YEAR-2022-23-2.pdf |
| Upload e-copies of accreditations and certification | <u>View File</u> |
| Upload details of quality assurance initiatives of the institution | <u>View File</u> |
| Upload any additional information | <u>View File</u> |

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

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) about 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 privacy. 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 monitored the entry and exit of the students, staff, parents and others. 24x7 electricity power backup is available within the campus, also with residential wardens and staff incharges are available within the campus.

| File Description | Documents |
|---------------------------------------|------------------|
| Upload any additional information | <u>View File</u> |
| Paste link for additional Information | Nil |

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

B. Any 3 of the above

| File Description | Documents |
|--------------------------------|------------------|
| Geotagged Photographs | <u>View File</u> |
| Any other relevant information | <u>View File</u> |

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)

PSNCET has dustbins in all the floors of the academic blocks, canteen, classrooms, common areas and every open area. The institute segregates the recycle of biodegradable waste, by implementing the concept of 3R (Reduce, Resue, and Recycle) to satisfy the objective of sustainable development to maintain ecological balance inside ethe campus premises. Use of plastics is strictly banned inside the campus, instead of plastics biodegradable cutleries are encouraged. In the periodic manner various awareness campaigns are organized on waste management. To create awareness for students and public towards maintaining sustainable, eco-friendly and green enabled campus. Also, various NSS programs like Swachh Bharat, Clean & Green campus activities and plantation of trees inside the campus are regularly conducted. The broken glass wares in the premises are collected in a separate bin over a week and it is disposed as solid waste.PSN college of the engineering and technology keenly taking a control measure to maintain comfortable drinking and non- drinking water management system. The institution advice the stakeholders for the optimum usage of the electrical and electronic items such as computers, printers, and other products. The institution has paper recycling plant with capacity of 1 tonne.

| File Description | Documents |
|---|------------------|
| Relevant documents like agreements/MoUs with Government and other approved agencies | <u>View File</u> |
| Geotagged photographs of the facilities | <u>View File</u> |
| Any other relevant information | <u>View File</u> |

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

A. Any 4 or all of the above

bodies and distribution system in the campus

| File Description | Documents |
|--|------------------|
| Geotagged photographs / videos of the facilities | <u>View File</u> |
| Any other relevant information | <u>View File</u> |

7.1.5 - Green campus initiatives include

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

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

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

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:

A. Any 4 or all of the above

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

| File Description | Documents |
|---|------------------|
| Reports on environment and energy audits submitted by the auditing agency | <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 | <u>View File</u> |
| Policy documents and brochures on the support to be provided | <u>View File</u> |
| Details of the software procured for providing assistance | <u>View File</u> |
| Any other relevant information | <u>View File</u> |

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 understudy get oneself as an exceptional, skilled, and esteemed individual from a diverse community. With this point, the institution is effectively ready to make a culture of incorporation through

different occasions and exercises coordinated at the departmental and institutional level. The foundation of additional works in fostering the educators' abilities to establish a comprehensive climate to zero in on instructing and learning capacities so they can set up elevated standards and execute more viable informative practices to limit the accomplishment gap. 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.

- 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.

| File Description | Documents |
|--|------------------|
| Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution) | <u>View File</u> |

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 understood 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 students for bringing confidence in their career.

Apart from this some of the mandatory courses such as professional ethics and human values, 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 level, in which students participate at various competitions such as essay writing, quiz competitions, drawing competitions, stage and street performances, treasure hunts. These activities make them to share their knowledge and ideas about values, rights, duties and responsibilities which is related to constitutional obligations.

| File Description | Documents |
|---|------------------|
| Details of activities that inculcate values necessary to transform students into responsible citizens | <u>View File</u> |
| Any other relevant information | No File Uploaded |

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

A. All of the above

| File Description | Documents |
|--|------------------|
| Code of Ethics - policy document | <u>View File</u> |
| 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 | <u>View File</u> |
| Any other relevant information | <u>View File</u> |

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

PSN College of Engineering and Technology, organized 76th Independence Day on 15.08.2023, the tricolour flag was hoisted by our respected, Principal, Dr. V. Manikandan. The students and staffs are eagerly participated in this commorative day to celebrate the 76th Independence Day of our country.

PSN College of Engineering and Technology, organized 72th Republic Day on 26.01.2023, the tricolour flag was hoisted by our respected, Principal, Dr. V. Manikandan. The Marine students march past and drills were very fabulous. At the end of the celebrations, sweets were distributed to cherish the event as memorable one.

In India, 5th September is celebrated as Teachers' Day as a mark of tribute to the contribution made by teachers to the society. 5th September is the birthday of a great teacher Dr. Sarvapalli Radhakrishnan, a staunch believer of education and a well-known diplomat, visionary, statesman, scholar, President of India and above all a perfect Teacher.

Teachers mould the lives of the students by guiding them, by enriching their personalities, by imparting ethical and moral values and have more influence on them. Teacher's Day is celebrated with great enthusiasm in many parts of the world.

| File Description | Documents |
|--|------------------|
| Annual report of the celebrations and commemorative events for during the year | <u>View File</u> |
| Geotagged photographs of some of the events | <u>View File</u> |
| Any other relevant information | No File Uploaded |

7.2 - Best Practices

- 7.2.1 Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC
 - Create new businesses and jobs: Startups are responsible for a significant portion of new job creation in the economy. By providing support and resources to startups, incubators can help them to grow and create more jobs.
 - Promote innovation: Startups are often the source of new ideas and innovations. By supporting startups, incubators can help to accelerate the pace of innovation and economic growth.
 - Develop entrepreneurial skills: Incubation programs can help to develop the entrepreneurial skills of early-stage entrepreneurs. This can help to create a more entrepreneurial culture and economy.
 - Build a vibrant startup ecosystem: Incubators can help to build a vibrant startup ecosystem by providing a space for startups to collaborate and network. This can help startups to grow and succeed.

In addition to these general objectives, there are also specific objectives that vary depending on the individual startup, incubator, or entrepreneurial program. For example, some incubators may focus on supporting startups in a particular industry or sector, while others may focus on supporting startups from a particular geographic region.

| File Description | Documents |
|---|---|
| Best practices in the Institutional website | https://psncet.ac.in/best-practices-2/ |
| Any other relevant information | https://psncet.ac.in/wp-content/uploads/2 024/04/3.3.2-2 removed-1-1.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)

- PSN College of Engineering and Technology (PSNCET) was established in the year 2001 with 3 undergraduate engineering programmes in an extreme rural village, Melathediyoor, Tirunelveli district in Tamilnadu.
- It has progressed itself in every stage and crossed several mile stones during the past 20 years of its existence and today the college offers 9 undergraduate and 8 postgraduate programmes in engineering.
- Besides, 5 departments are recognized as research centres by Anna University, Chennai. The college became autonomous in 2012 and accredited by NAAC.
- PSNCET makes consistent efforts in fulfilling its social responsibilities towards the downtrodden sections of the society.
- This has paved way for the rural youth, mostly first generation learners, to take up higher education and have raised them to greater heights, both professionally and economically.
- The establishment of the college has also created job opportunities for rural people of the neighbourhood.Our College always distinct by involving various academic and non-academic activities.
- In that one of the uniqueness while comparing to other colleges, PSNCET march towards technological development and welfare of the student community.
- Connexion to this, a Centre of excellence was established to develop the multidisciplinary knowledge of the students and faculties in research and automation.

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 allinclusive curricula for all the programmes offered once in four years. The needs, instructional approaches, context, vision, and values are all taken into account when creating the curricula. In addition, the curriculum takes into account regional and local demands in addition to national and international advancements. Program Specific Outcomes (PSOs) and Program Educational Objectives (PEOs) are improved during the curriculum design process because PSNCET launched an outcome-based (OBE) curriculum in 2018 and 2022. Course outcomes (POs) are created by the relevant departments in order to meet the intended outcome at the conclusion of each course, whereas program outcomes (POs) are determined in accordance with AICTE guidelines. The curricula are created by seasoned instructors who have received training in OBE and curriculum design. The curriculum development process: The curriculum is created using the aforementioned criteria, and a draft is distributed to all parties involved. The following are given weights in the curriculum: The following courses are required: Employability Enhancement courses, Open Electives, Professional Electives, Humanities and Social Sciences, Basic Sciences, Engineering Sciences, and Professional Core courses.

| File Description | Documents |
|---------------------------------------|---|
| Upload additional information, if any | <u>View File</u> |
| Link for additional information | https://psncet.ac.in/wp-content/uploads /2024/04/1.1.1-front-1.pdf |

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

16

| File Description | Documents |
|---|------------------|
| Minutes of relevant Academic Council/BOS meeting | <u>View File</u> |
| Details of syllabus revision during the year | <u>View File</u> |
| Any additional information | <u>View File</u> |

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

551

| File Description | Documents |
|--|------------------|
| Curriculum / Syllabus of such courses | <u>View File</u> |
| Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses | <u>View File</u> |
| MoUs with relevant organizations for these courses, if any | <u>View File</u> |
| Any additional information | No File Uploaded |

1.2 - Academic Flexibility

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

84

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

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 | <u>View File</u> |
| Any additional information | <u>View File</u> |
| List of Add on /Certificate programs (Data Template) | <u>View File</u> |

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

Through required courses for all study streams, the university hopes to instill in its students moral ideals, ethics, social duties, environmental awareness, and sustainability. The first year of the program includes a course on social value education, which focuses on instilling moral principles and social obligations. In addition, all disciplines of study offer a required course on Human Rights and Value Education in their third year of curriculum. All second-year students are eligible to take an Environmental Studies course, which addresses environmental sustainability, pollution concerns, environmental preservation, and the value of ecosystems to human life. The college's NSS unit plans camps in the neighboring villages and assists the locals in maintaining a clean environment. Gender Issues: From a crosscultural standpoint, students are made aware of and motivated to work toward gender equality. Gender justice, gender equality, human rights, and women's rights are all included in structured gender-sensitization camps. The women's empowerment cell is fully operational and handles all issues and bias related to gender on campus. One of the main topics of the Professional Ethics course is the value of an ethical 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 | <u>View File</u> |
| Any additional information | No File Uploaded |

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

34

| File Description | Documents |
|--|------------------|
| List of value-added courses | <u>View File</u> |
| Brochure or any other document relating to value-added courses | <u>View File</u> |
| Any additional information | No File Uploaded |

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

1119

| File Description | Documents |
|----------------------------|------------------|
| List of students enrolled | <u>View File</u> |
| Any additional information | No File Uploaded |

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

410

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

1.4 - Feedback System

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

A. All 4 of the above

| File Description | Documents |
|---|--|
| Provide the URL for stakeholders' feedback report | https://psncet.ac.in/wp-content/uploads /2024/04/FDS-Stakeholder.docx.pdf |
| Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management | <u>View File</u> |
| Any additional information | No File Uploaded |

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' feed | back report | https://psncet.ac.in/wp-content/uploads /2024/04/FDS-FEEDBACK-ANALYSIS.docx.pdf |
| Any additional inf | formation | <u>View File</u> |

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

426

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| Institutional data in prescribed format | <u>View File</u> |

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)

405

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| Number of seats filled against seats reserved (Data Template) | <u>View File</u> |

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.

Program of Orientation The Orientation Program, which includes yoga, computer training, personality development, and communication skills, is held at the start of the first year. Evaluation of pupils' learning levels Using the results of internal exams and mentorship, students are divided into two groups: advanced learners and slow learners. Advanced students are encouraged to engage in numerous technical activities, contests, paper presentations at conferences, symposiums, workshops, and journal articles. For the slow learners, study materials and a question bank with answers are provided. The topic teacher leads the remedial session after work, and significant subjects are covered. Quick Track Plan: A student is eligible for fast track if he has completed all of his coursework up to the V semester and has a CGPA of 7.5. In these cases, he will study 8th semester courses in the VI and VII semesters, allowing him to enroll in an internship program after eight semesters. Extra points: In addition to the maximum credits needed for UG programs, all students must gain 30 extra credits in order to receive a degree. To get the necessary amount of credits, students are able to select any program, activity, or course.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://psncet.ac.in/wp-content/uploads /2024/04/2.2.1-front-1.pdf |

2.2.2 - Student - Teacher (full-time) ratio

| Year | Number of Students | Number of Teachers |
|------------|--------------------|--------------------|
| 20/04/2023 | 1594 | 147 |

| File Description | Documents |
|-----------------------------------|------------------|
| Upload any additional information | <u>View File</u> |

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: In order for students to obtain practical experience and professional knowledge, they must complete an internship. A library featuring an extensive collection of books, e-books, e-journals, and NPTEL lecture videos is accessible via remote access tools. Theoretical concepts are verified in the lab to enhance problem-solving, experiential, and participatory learning processes. The purpose of industrial visits, field visits, and in-plant training is to improve, illustrate, and apply different concepts in an actual workplace.

Participative Learning: To learn about the most recent technological advancements, guest lectures, seminars, and workshops are arranged. Technical courses with added value to help students land jobs and launch their own businesses. Group talks on particular subjects are planned to improve students' overall personality development. Technical symposiums covering a range of cutting-edge subjects are held. Extension programs run by NSS, YRC, and RRC help students develop into responsible citizens in the community. Techniques for Solving Problems: The purpose of case studies is to enhance problem-solving abilities. Students can apply their theoretical understanding to fabrication and real-time applications through their Mini Project and Main Project. Tutorial sessions are offered to improve the ability to solve problems.

| File Description | Documents |
|------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Link for additional Information | https://psncet.ac.in/wp-content/uploads /2024/04/2.3.1-front-1.pdf |

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

To promote ICT usage, all of the seminar halls and classrooms have ICT tools installed. Faculty development programs (FDPs) are used to teach instructors how to use internet resources and ICT tools. There is professional assistance available for using ICT tools. Students can access video lectures that have been filmed and stored in the media center. Pupils sign up for NPTEL courses online. Through video lectures, teachers supplement their in-class instruction with topics beyond the syllabus. The virtual lab facilitates the realization of a virtual teaching and learning environment targeted at improving students' laboratory skills. For academic administration, our university uses ERP (Enterprise Resource Planning) software. Our digital library's E-Books and E-Journals (DELNET / JGATE) are readily available to students. Teachers also use Whatsapp, Google Classroom, and Gmail to share course resources, such as lecture notes, a question bank, assignment themes, etc.

| 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 /2024/04/2.3.2-front-1-1.pdf |
| Upload any additional information | <u>View File</u> |

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

2.3.3.1 - Number of mentors

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

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

The director or dean of academics prepares the academic calendar, which includes the number of instruction days to be held, the specifics of the ongoing assessment test, the timetable for the end-of-semester theory examinations, the holidays for the semester, and a sufficient balance between academic and extracurricular activities. Based on the academic calendar, the departments create a semester plan for the semester that includes value-added courses, conferences, guest lectures, seminars, industrial visits, extension activities, and workshops. Schedules are created well in ahead and posted on the ERP and each classroom's notice board. The faculty creates a course plan every semester that contains information on the amount of teaching hours required for each unit, the course objectives, the delivery strategies and resources, textbooks, etc. The principal, the director of academics, and the heads of the departments all review and approve lesson plans. The principal and department heads periodically check that the lesson plan is being taught as intended and that the units being covered are moving forward. In order to fulfill their educational goal, teachers devote a great deal of time and effort on executing the unit planner.

| File Description | Documents |
|---|------------------|
| Upload the Academic Calendar and Teaching Plans during the year | <u>View File</u> |

2.4 - Teacher Profile and Quality

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

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

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

52

| 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 | No File Uploaded |

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

5.5

| File Description | Documents |
|--|------------------|
| List of teachers including their PAN, designation, Department and details of their experience | <u>View File</u> |
| 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

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

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 | <u>View File</u> |
| Upload any additional information | <u>View File</u> |

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

IT Integration in the Exam System: All aspects of the exam process are automated, including registration, the creation of hall passes, the release of the exam results, and result publishing. Exam Management Software facilitates the complete automation of the examination system, and it is integrated with the college's ERP software to enable online result dissemination. Advantages of the Exam System Reforms: privacy when choosing a question paper.consistency in the assessment and providing the pupils with a reasonable explanation.removes the chance of unfair things happening during the examination. There are no human errors in the data processing.dependable and impervious to manipulation. Significant improvements have been made to the examination process's overall speed, accuracy, secrecy, dependability, security, and transparency.

| File Description | Documents | |
|---------------------------------------|---|--|
| Upload any additional information | <u>View File</u> | |
| Paste link for additional Information | https://psncet.ac.in/wp- content/uploads/2024/04/2.5.3-1.pdf | |

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

SUCCESS EVIDENCE: THE COMMUNICATION MECHANISM WITH THE STUDENTS On the Institution and Classrooms webpage, POs, PSOs, and PEOs are visible. Libraries, faculty rooms, notice boards, HOD rooms, and laboratories An overview of the program and curriculum in relation to PEOs, POs, PSOs, and COs is provided at the orientation session that is held for new students at the start of each academic year or semester. A road map for adhering to the intended objectives is provided by the unit planner/lesson plan, which is communicated with the students well in advance of the start of the course work. As part of routine education, faculty members for each course convey expectations, targets, and desired outcomes of every unit. The faculty continuously emphasizes the goals and standards to be met throughout the teaching-learning process.

| File Description | Documents | | |
|--|---|--|--|
| Upload COs for all courses (exemplars from the Glossary) | <u>View File</u> | | |
| Upload any additional information | No File Uploaded | | |
| Link for additional Information | https://psncet.ac.in/wp- content/uploads/2024/04/2.6.1-front.pdf | | |

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

METHODOLOGY ADOPTED For every course, course outcomes are first developed and approved by the head of the corresponding

department using the Bloom taxonomy. Two assessment tools are used in the computation of PO and PSO accomplishment. 1. Direct Instruments for Assessment Assignments, CIA, Attendance, and Final Exam On a scale of 1 to 3, the COs are mapped to the POs and PSOs. The maps and CO attainments are utilized to calculate PO and PSO attainment. Next, correlation matrices for CO-PO and CO-PSO are established for each course in the program. For every course, a target attainment level is established. Levels of attainment Attainment Level 1: When between 50% and 59% of pupils receive grades higher than 50% Attainment Level 2: When 60-69% of students receive grades higher than 50% Attainment Level 3: When more than 70% of students receive grades higher than 50%.

1. Instruments for Indirect Assessment Course-end, student exit, alumni, employer, and parent surveys are among the questionnaires. On a scale of 1 to 3, the surveyquestions correspond to the POs and PSOs' Excellent -5, Good -3, and Satisfactory - 1. The mappings and the replies are utilized to compute PO & PSO attainment indirectly.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | No File Uploaded |
| Paste link for additional Information | https://psncet.ac.in/wp- content/uploads/2024/04/2.6.2.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

| 2 | 4 | _ |
|-----|---|---|
| - ≺ | | |

| File Description | Documents |
|--|--|
| Upload list of Programmes and number of students appear for and passed in the final year examinations | <u>View File</u> |
| Upload any additional information | No File Uploaded |
| Paste link for the annual report | https://psncet.ac.in/wp-content/uploads /2024/04/COE-REPORT-2.pdf |

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

https://psncet.ac.in/wp-content/uploads/2024/02/2.7.1-2.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 provide complete autonomy to the professors in selecting their area of specialty and doing research on it. To provide essential infrastructure for doing research on campus; To provide initial funding via programs provided by the institution as a start-up grant; Financial support for presenting research results at seminars or conferences; The primary investigator has autonomy to use overhead costs and conduct financial transactions for the project. Regularly reviewing technological advancements to guarantee projects are completed on schedule. Timely submission of usage certificate to the financial agencies or college.

| File Description | Documents |
|--|---|
| Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption | <u>View File</u> |
| Provide URL of policy document on promotion of research uploaded on the website | https://psncet.ac.in/wp-content/uploads/2023/12/RESEARCH-POLICY-1.pdf |
| Any additional information | <u>View File</u> |

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)

3,96,000

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

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

| | _ |
|--|---|
| | |

| 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 |

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)

Nil

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

3.2.2 - Number of teachers having research projects during the year

Nil

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

3.2.3 - Number of teachers recognised as research guides

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

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

Nil

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

3.3 - Innovation Ecosystem

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

The college places great emphasis on promoting research. The institution has five departments that are accredited research centers by Anna University: Computer Science and Engineering, Electronics and Communication Engineering, Mechanical Engineering, Physics, and Chemistry. Entrepreneur Development Cell (EDC) The college places equal emphasis on entrepreneurship activity facilitated by the Entrepreneur Development Cell (EDC). Periodic meetings, seminars, and interactions with industry experts and entrepreneurs are organized to cultivate an entrepreneurial mentality among students. Industry-Academia Collaboration Office The IIP Cell acts as an intermediary between the institution and industry. This unit provides consultation services and organizes industrial visits to acquaint students with actual industry concerns. The Cell provides employment-oriented programs for students in collaboration with the industry to enhance their competitiveness in the job market. Innovation Clubs PSNCET Business Innovation and Incubation Center (BIIC), Supports students and fellow faculty members who are all interested in

creating business and promoting the ideas to the world in the form of business. The facilities at PSNCET BIIC provides an innovation and to develop creativity thinking to solve real world day today problems. Also the institute has morethen 10 incubatees and their startups, institute regularly participate innovation, startup related activities.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://psncet.ac.in/wp- content/uploads/2024/02/3.3.1-new.pdf |

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

48

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

3.4 - Research Publications and Awards

| 3.4.1 - The Institution ensures | A. | All | of | the | above |
|--|----|-----|----|-----|-------|
| 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 | | | | | |
| | | | | | |

| 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 | <u>View File</u> |
| 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

13

| File Description | Documents |
|--|-------------------------------------|
| URL to the research page on HEI website | https://psncet.ac.in/research-home/ |
| List of PhD scholars and details like name of the guide, title of thesis, and year of registration | <u>View File</u> |
| Any additional information | No File Uploaded |

${\bf 3.4.3}$ - Number of research papers per teacher in CARE Journals notified on UGC website during the year

146

| File Description | Documents |
|---|------------------|
| List of research papers by title, author, department, and year of publication | <u>View File</u> |
| Any additional information | <u>View File</u> |

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

| File Description | Documents |
|---------------------------------------|--|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://psncet.ac.in/wp- content/uploads/2024/04/3.44.pdf |

${\bf 3.4.5}$ - 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

355

| File Description | Documents |
|---|------------------|
| Any additional information | No File Uploaded |
| Bibliometrics of the publications during the year | <u>View File</u> |

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

14

| File Description | Documents |
|--|------------------|
| Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution | <u>View File</u> |
| 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)

Nil

| 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

558729

| File Description | Documents |
|---|------------------|
| Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy | <u>View File</u> |
| 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 | <u>View File</u> |

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 founded with two units, one subsidized and one self-financing, each consistingofmore than 150students. The NSS Cell trains volunteers to enhance their overall personality development via community service and awareness programs. The college's principal activities include students' involvement in community service, blood donation, and awareness campaigns both on and off campus, with the NSS Cell playing a significant part. Students are provided non-CGPA credits as acknowledgment for their active engagement in

community service to push them. Aside from the activities of the NSS Cell, the college hosts other events and programs such as International Day of Yoga, World Environment Day, National Voters Day, COVID immunization camps, Thamiraparani river cleaning, Road Safety Week, World Hepatitis Day, and World Heart Day. The Youth Red Cross (YRC) and Red Ribbon Club (RRC) are constantly engaged in organizing and implementing different programs for the community. The institute also participates in UBA Schemes and its promotions in the villages through these extension activities. During the year20222-2023, the institute organized 26 programmes to promote Extension activities carried out in the neighborhood sensitizing students to social issues for their holistic development.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://psncet.ac.in/wp- content/uploads/2024/02/3.6.1-front.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

03

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

26

28-12-2024 09:36:30

| File Description | Documents |
|---------------------------------|------------------|
| Reports of the events organized | <u>View File</u> |
| Any additional information | <u>View File</u> |

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

1208

| File Description | Documents |
|----------------------------|------------------|
| Reports of the events | <u>View File</u> |
| Any additional information | <u>View File</u> |

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

548

| File Description | Documents |
|--|------------------|
| Copies of documents highlighting collaboration | <u>View File</u> |
| Any additional information | <u>View File</u> |

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)

| File Description | Documents |
|---|------------------|
| e-copies of the MoUs with institution/ industry/ corporate house | <u>View File</u> |
| Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year | <u>View File</u> |
| Any additional information | <u>View File</u> |

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.

The institution haspicturesque and verdant scenery, pleasing architecture, environmentally conscious surroundings, expansive and well-equipped classrooms, fully equipped labs, centers of excellence in specialized fields, and extensive infrastructure over 26.74 acres. The institution has wellfurnished, large, well-ventilated, and well-illuminated classrooms. Classrooms are meticulously maintained to meet the standards for optimal visibility and audibility. All classrooms are furnished with essential amenities such as blackboards, projectors, fans, lighting, and power backup. Around 89% of classrooms are equipped with LCD projectors and LAN/Wi-Fi connection. The classrooms are furnished with smart boards and video conferencing capabilities to improve the teaching-learning experience. The institution's labs are wellequipped and have been established underthe standards of AICTE and Anna University. Suitable equipment is given according to the curriculum for conducting experiments. Students get access to laboratories outside of regular working hours as required. Safety protocols are adhered to in the labs and strategically positioned inside the facilities. The institution contains eight seminar rooms in the academic blocks with varying seating capacities, as well as an auditorium for hosting seminars, conferences, guest lectures, workshops, and major events for students and teachers.

| File Description | Documents | |
|---------------------------------------|---|--|
| Upload any additional information | <u>View File</u> | |
| Paste link for additional information | https://psncet.ac.in/wp- content/uploads/2024/04/4.1.1-new.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 institution is promoting student participation in sports and games by offering sports facilities and coaching to ensure students' overall development. Every year, the institution hosts national level sports events called the PSN

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Trophy. Our college's Department of Physical Education arranges sports and activities such as Football, Volleyball, Basketball, Kabaddi, Hockey, and Athletics for both staff and students. Our college students have achieved several awards in sports competitions held at state, national, and worldwide levels. Our students participate in inter-university and national level sports contests on behalf of Anna University. Travel and food allowances are given to all athletes and physical directors when they compete in sports competitions at other institutions. Our students have taken part in sporting tournaments hosted by Anna University Tournaments, CM Trophy, and all other sports tournaments organized. Students' ethical beliefs and social duties are nurtured at the Rural Development club, Environmental club, and Moral clubs. The faculty members in charge of the clubs provide systematic and significant assistance and advice to students to enhance their overall abilities and cultivate good citizenship. Enhancing proficiency in sophisticated technologies and fostering a mindset of ongoing learning are achieved by participation in numerous groups.

| File Description | Documents |
|---------------------------------------|---|
| Geotagged pictures | <u>View File</u> |
| Upload any additional information | No File Uploaded |
| Paste link for additional information | https://psncet.ac.in/wp-content/uploads /2024/01/4.1.2.pdf-index.pdf |

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

32

| File Description | Documents |
|--|------------------|
| Upload any additional information | <u>View File</u> |
| 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)

716.05

| File Description | Documents |
|--|------------------|
| Upload audited utilization statements | View File |
| Details of Expenditure, excluding salary, during the years | <u>View File</u> |
| 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

PSN College of Engineering and Technology implemented an automated library system in 2015 using the PSNLIB software created by the Computer Science and Engineering department. In 2021, they integrated Koha (Open-Source Software) LMS with a perceptual license for the Knowledge Resource Center (KRC). Koha is a globally used open-source integrated library system by public, educational, and special libraries. Koha is an online Integrated Library Management System (IL-MS) that utilizes a SQL database, preferably My SQL, to hold cataloging data in MARC format. This data may be accessed by Z39.50 or SRU protocols. The user interface is very customizable and versatile, with translations available in other languages. The program is designed to operate in a client-server scenario and is user-friendly. The program complies with worldwide standards for bibliographic formats, networking, and circulation protocols. Koha Software supports over 150 languages following Indian and international standards including CCF, AACR2, MARC21, UNIMARC, and allows cataloguing import from the Library of Congress web catalogue.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://psncet.ac.in/wp- content/uploads/2024/02/4.2.1-new.pdf |

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

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

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

1275531

| File Description | Documents |
|--|------------------|
| Audited statements of accounts | View File |
| Any additional information | No File Uploaded |
| Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template) | <u>View File</u> |

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

| File Description | Documents |
|--|------------------|
| Upload details of library usage by teachers and students | <u>View File</u> |
| Any additional information | <u>View File</u> |

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-developed IT infrastructure and facilities. The college has implemented a high-speed campuswide fiber optic network connecting all its departments, which includes 852 systems. Each department has its own dedicated computer lab for programming and simulation activities to teach computational skills to students. All faculty members are equipped with desktops or laptops that have internet/Wi-Fi access. All faculty members and students were given institution email addresses (@psncet.ac.in) via Google Apps and ERP login credentials. ERP software supports several additional IT services such as fee payment and inventory management. An exclusive Android application for ERP software has been created for students and staff to utilize. The institution has 16 lecture rooms that are furnished with smart digital boards, audio and video systems, and internet access. These facilities allow for advanced and interactive learning experiences, including virtual lectures from industry and academic experts. Teachers' writings on the boards are instantly transformed into electronic information and easily shared with students using an Android application. NPTEL lecture videos, e-journals, and e-books are available for access in the lecture rooms. These intelligent interactive boards are used for conducting QEEE Classes. The college's media center is furnished with a Wacom tablet for capturing lectures and other audiovisual gear for recording and editing video lectures. The faculty's e-contents may be accessed via the institute's website and YouTube channel.

| File Description | Documents | |
|---------------------------------------|---|--|
| Upload any additional information | <u>View File</u> | |
| Paste link for additional information | https://psncet.ac.in/wp- content/uploads/2024/04/4.3.1-front.pdf | |

4.3.2 - Student - Computer ratio

| Number of Students | Number of Computers |
|--------------------|---------------------|
| 1416 | 860 |

| File Description | Documents |
|-----------------------------------|------------------|
| Upload any additional information | <u>View File</u> |

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 | <u>View File</u> |
| Upload any additional information | No File Uploaded |

4.3.4 - Institution has facilities for econtent 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 /2024/02/4.3.4-updated.pdf |
| List of facilities for e-content development (Data Template) | <u>View File</u> |

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)

194.21

| File Description | Documents |
|-----------------------------------|------------------|
| Audited statements of accounts | <u>View File</u> |
| 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 clear procedures and policies in place to uphold the academic, physical, and support facilities provided by the institution. The college has competent and professional personnel to carry out maintenance tasks in all areas. A specific budget is set out for maintaining academic facilities such as labs, classrooms, skill-related workshops, and conference and seminar halls. Furthermore, the overall amenities such as sports and games rooms, bathrooms, and landscapes are also maintained with a designated budget. Nonteaching and housekeeping workers get regular training in maintenance and safety. The indoor facilities, including classrooms, labs, library, corridor, and staircase, is maintained and cleaned daily by the institute's housekeeping service, overseen by the Estate Officer. Fire extinguisher maintenance is outsourced since the cylinder is refilled annually. Outsourced services include air conditioning, elevator, and CCTV maintenance. A Medical Officer leads the dispensary. She is assisted by three nurses. There are twelve beds available for in-patient treatment. Treatment at the dispensary is offered free of charge for the personnel and students. An ambulance is stationed on campus to respond to medical emergencies. The Physical Director is assisted by Assistant Physical Directors, Markers, and Attenders for physical activities and sports upkeep.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://psncet.ac.in/wp-content/uploads /2024/02/4.3.4-updated.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

1860

| File Description | Documents |
|---|------------------|
| Upload self-attested letters with the list of students receiving scholarships | <u>View File</u> |
| 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

474

| File Description | Documents |
|---|------------------|
| Upload any additional information | <u>View File</u> |
| Institutional data in prescribed format | <u>View File</u> |

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills

A. All of the above

Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

| File Description | Documents |
|-------------------------------|---|
| Link to Institutional website | |
| | https://psncet.ac.in/wp- |
| | content/uploads/2024/02/5.1.3-newww.pdf |
| Details of capability | <u>View File</u> |
| development and schemes | |
| Any additional information | <u>View File</u> |

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

1487

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

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

A. All of the above

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

5.2 - Student Progression

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

259

| File Description | Documents |
|---------------------------------------|------------------|
| Self-attested list of students placed | <u>View File</u> |
| Upload any additional information | <u>View File</u> |

5.2.2 - Number of outgoing students progressing to higher education

25

| File Description | Documents |
|---|------------------|
| Upload supporting data for students/alumni | <u>View File</u> |
| Details of students who went for higher education | <u>View File</u> |
| 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

| File Description | Documents |
|--|------------------|
| Upload supporting data for students/alumni | <u>View File</u> |
| Any additional information | <u>View File</u> |

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

79

| File Description | Documents |
|--|------------------|
| e-copies of award letters and certificates | <u>View File</u> |
| Any additional information | <u>View File</u> |

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

The Class Monitoring Committee consists of the Head of the department, Faculty Coordinator (who does not teach any topics in the class), all faculty members teaching subjects in the class, and four to five students from the class. The committee convenes three times every semester to review the courses' advancement and the teaching methods used in the classroom. The Anti-Ragging Committee will oversee and provide guidance in maintaining a culture free of ragging on the college campus. The Anti-Ragging Squad's office bearers will operate under the supervision of the Anti Ragging Committee and will be responsible for inspecting locations such as hostels, buses, canteens, classrooms, and other areas where students gather. Committee for Addressing Complaints A Sexual Harassment Committee has been established in accordance with the UGC guidelines and the Supreme Court to provide a safe environment for the college students. This Committee addresses matters of sexual harassment. The committee is established to prevent sexual assaults, rape, and other similar crimes against female students and to provide a secure atmosphere for their study.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://psncet.ac.in/wp-content/uploads /2024/04/5.3.2-committee-front.pdf |

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

27

| File Description | Documents |
|--|------------------|
| Report of the event | <u>View File</u> |
| List of sports and cultural events / competitions organised per year | <u>View File</u> |
| Upload any additional information | <u>View File</u> |

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

The Alumni Association/Chapters (registered and functional) contributes considerably to the growth of the institution through financial and non-financial methods throughout the previous years. The PSNCET ALUMNI ASSOCIATION was established in 2020 under the Tamilnadu Societies Registration Act, 1975, with its headquarters located in Palayamkottai, Tamilnadu. The main goal is to reunite, reminisce, and relive memories, connect with classmates, develop bonds, and appreciate the experiences obtained over the years. The Alumni Association aims to promote dynamic student-alumni relationships to enhance student learning and allow alumni to share their valuable skills. Goals of PSNCET ALUMNI ASSOCIATION To maintain a list of all college alumni and their relevant information. Keeping the alumni database relevant and up-todate. To cultivate and support strong connections among the alumni. To foster a lasting connection with the Alma Mater among the Alumni via consistent communication. To provide and distribute information about their Alma Mater, including its alumni, faculty, and students, to the alumni. To facilitate

discussions among alumni on current academic, cultural, and social topics via the organization and coordination of reunion events. To allow the alumni to express their thanks to their Alma Mater. To aid and bolster PSNCET's endeavors in securing financing for development.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional Information | https://psncet.ac.in/wp- content/uploads/2024/02/5.4.1-final.pdf |

5.4.2 - Alumni's financial contribution during the year

C. 5 Lakhs - 10 Lakhs

| File Description | Documents |
|-----------------------------------|------------------|
| Upload any additional information | <u>View File</u> |

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 goal of PSNCET is to become a trailblazing organization that instills engineering ideals, ethics, research, skills, and education. The mission statement reads, "Through innovative teaching and learning practices, we will achieve greater heights of excellence in technical knowledge and skill development."

- To create cutting-edge infrastructure in order to satisfy the needs of the coming technology revolution.
- To develop and promote research in all areas for the benefit of society.
- To cultivate personal skills that will improve students' inventiveness, employability, and entrepreneurship.
- To inculcate moral and ethical principles for society harmony and peace, along with improved levels of discipline among pupils.
- To help students comprehend the significance of PSNCET in connection to their education and career, the

organization's vision and mission statements are displayed at the entrance to each building that contains departments, laboratories, research centers, auditoriums, and recreation centers. In keeping with the mission statement, PSNCET has excellent classrooms that are well-ventilated and set against a green backdrop. To conduct laboratory-related courses, PSNCET offers excellent laboratory facilities.

It offers excellent library resources to help pupils develop a love of reading. Governance, perspective planning, and educators' involvement in groups that make decisions: The Chairman oversees the institution's management and directs the Principal, professors, and students in pursuing the institute's mission.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional Information | https://psncet.ac.in/wp-content/uploads/2024/04/6.1.1-front-corrected.pdf |

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

Transparent and effective decentralized management characterizes PSN College of Engineering and Technology. At every level of the institutional structure, the college has a complete evidence system in place for assigning authority. This enables each PSNCET member to take part in decision-making at their appropriate level. The college operates under the direction of the Governing Council and in accordance with the administrative handbook and statutory bodies' rules and regulations. Under the direct direction of the Principal, all departments within the institution, including the library, examination cell, and administrative office, operate. The corresponding HoDs are in charge of the departments' daily academic operations and subject distribution.

The Institute's Examination Cell is in charge of the Continuous Assessment Tests, the HODs are in charge of the Multiple Choice Questions, and the Chief Superident of Examination and Controller of Examination are in charge of the end-of-semester exams. The principal reviews the monthly

report with the HoDs and discusses any challenges or progress with them. The findings are shared with specific professors and staff members for their knowledge and application. Similarly the academic and non-academic works have separate decentralization with effective staff and faculty members work for the benefit of the students.

| File Description | Documents |
|---|---|
| Upload strategic plan and deployment documents on the website | <u>View File</u> |
| Upload any additional information | No File Uploaded |
| Paste link for additional Information | https://psncet.ac.in/wp-content/uploads /2024/04/6.1.2-front-1.pdf |

6.2 - Strategy Development and Deployment

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

PSN College of Engineering and Technologymoves closer to being a leading HEI in the state of Tamilnadu and a better national educational and research institution via the effective planning and implementation of plans.Planning, carrying out, evaluating the results, and scheduling further planning, modification, and backup plans based on the findings and lessons gained. The Internal Quality Assurance Cell (IQAC) of the college has taken the initiative to gather input from all stakeholders in order to prepare the perspective plan.The institution creates and maintains both short- and long-term aims and objectives for academic progress via its many committees and cells. The goal of the strategically designed plans is to actualize the institution's administrative and academic growth.

Their expectations, the college'smanagement policies, vision, and mission are all taken into consideration when formulating the perspective plan. IQAC's primary responsibility is to recommend quality measures for an institution's improvement. The members of the IQAC have taken into account suggestions made at IQAC meetings as well as feedback from all stakeholders when creating a roadmap for future expansion.

| File Description | Documents |
|--|---|
| Strategic Plan and deployment documents on the website | <u>View File</u> |
| Paste link for additional information | https://psncet.ac.in/wp-content/uploads /2024/04/6.2.1-front-2.pdf |
| Upload any additional information | No File Uploaded |

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

In order to provide rural students with a high quality education, the institutionreaches out to the most economically and educationally disadvantaged residents of the area by offering basic amenities and excellent infrastructure while maintaining a holistic approach to life and education. Students are also given access to an ambient infrastructure. Academicians and industry experts make up the Governing Council, which sets policy for the organization. The Governing Council provides the Institution's Chairman with strong support when he introduces issues related to policy, planning, and institutional development. The college's academic council, which consists of the department heads, librarian, NSS officer, exam cell coordinator, control of examiner, physical director, and others, implements the strategic plans and oversees the college in accordance with the directives of the governing council. All of these individuals are bound by the regulations established by the state government and affiliated university as well as the provisions outlined in the college's byelaws. Establish admissions requirements in accordance with the state government's reservation policy. Encourage study in areas that are relevant. Provide suggestions about how to evaluate students' performance and develop tactics to improve outcomes. Utilize cutting-edge instructional technologies to raise the bar and foster more creativity. Encourage the adoption of healthy behaviors by putting projects into action that will benefit society as a whole, such as community service and extension activities.

| File Description | Documents |
|---|---|
| Paste link to Organogram on the institution webpage | https://psncet.ac.in/wp- content/uploads/2024/04/ORGANOGRAM.pdf |
| Upload any additional information | <u>View File</u> |
| Paste link for additional Information | https://psncet.ac.in/wp- content/uploads/2024/04/6.2.2-front.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 | <u>View File</u> |
| Screen shots of user interfaces | <u>View File</u> |
| Details of implementation of e-governance in areas of operation | <u>View File</u> |
| 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

In order to provide rural students with a high quality education, the institution offers the following welfare benefits to its teaching and non-teaching staff: 1. Employees of lower cadre are entitled to free transportation on PSNCET Institution buses, while other staff members may utilize the buses for a little price. 2. PSNCET grants full or partial fee concessions to staff members studying there. 3. The Principal and the Executive Director are given free quarters. 4. Bachelor faculty members get complimentary lodging and meals. 5. For the staff members in need, the PSNCET management pays for their medical costs. 6. The institution's administration covers the cost of registration, travel, lodging, and meals for faculty members attending national and

international conferences, seminars, and faculty development programs. 7. Faculty members are permitted to attend foreign universities with complete financial assistance for joint research. 8. Each year, the institutional financial assistance arranges a staff excursion. 9. The management offers its employees an EPF contribution. 10. The closed user group's (CUG) mobile costs are covered by the management. 11. Staff employees are entitled to free use of sports and leisure facilities. 12. The institution offers faculty members incentives for publishing their work in books and journals. 13. The management uses the management fund to cover the costs of providing a group health insurance plan to all administrative and faculty personnel. 14. Leaves of absence for attending conferences, seminars, workshops, etc. are granted while on duty.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://psncet.ac.in/wp-content/uploads /2024/04/6.3.1-updated.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

57

| File Description | Documents |
|---|------------------|
| Upload any additional information | <u>View File</u> |
| Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template) | <u>View File</u> |

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

13

| File Description | Documents |
|---|------------------|
| Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres) | <u>View File</u> |
| Upload any additional information | <u>View File</u> |

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.)

90

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Internal Audit:

Regular internal financial audits are carried out by our organization. The budgetary planning process is the first step in the auditing process, and the budget sanctioning procedure is well specified. Each department is informed of the authorized budget.supervisors as well as administrative supervisors. Every department and administrative head prepares a monthly budget based on this. The Chairman keeps an eye on and evaluates the Institution's spending.HODs and Incharges send the principle to the account office with the voucher and invoices for the purchases they made. The accounting department, principal office, and administrative office keep accurate records for all budgetary expenditures. After the invoices and vouchers are verified, the accounting department keeps a record of all the expenses.

External Audit:

Our organization adheres to the legally required auditing standards. Every financial year, the revenue and expense statement is properly audited and approved by a chartered accountant at the conclusion of the fiscal year. For the financial year, the auditor's report is prepared and submitted by the chartered accountant. The report demonstrates that our institution presents an accurate and fair picture of its financial situation, operational performance, and cash flows, and that the statements are presented honestly in all relevant ways.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://psncet.ac.in/wp- content/uploads/2024/02/6.4.1-front.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)

157500

| File Description | Documents |
|--|------------------|
| Annual statements of accounts | <u>View File</u> |
| Details of funds / grants received from non- government bodies, individuals, philanthropists during the year | <u>View File</u> |
| Any additional information | <u>View File</u> |

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

The primary revenue source for the Institution is derived from students' tuition fees. The tuition cost is determined by the management committee based on the previous year's financial expenses. The State Government of Tamilnadu also considers standards when determining the tuition cost. The increase in tuition fees is justified by the need to cover the costs associated with the yearly wage raise for faculty and support personnel, as well as the improvement of Dearness Allowance. The committee also allocates funding for capital

spending.

The received fee is turned into fixed deposits and withdrawn regularly based on the institute's needs. The fixed deposits are withdrawn and used for the college's expenses. The interest accrued from these fixed deposits is being used to meet the institution's requirements. The Institution receives grants from DST-SERB and AICTE for sponsored research programs. The instruments bought under these projects enhance the research labs of the Institution. Finances are also raised via consulting services. Efforts were also made to raise donations from the Institution's alumnae. The school features multi-storeyed buildings where written online examinations are conducted for central government, state government, and private enterprises throughout the recruiting process. Approximately Rs 150 Lakhs per year in rent is totally allocated to infrastructure development in order to increase the quality of education provided to pupils.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional Information | https://psncet.ac.in/wp- content/uploads/2024/01/6.4.3.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)

Continuous monitoring is needed to create standards in academics and administration. The Internal Quality Assurance Cell (IQAC) was established at our school in 2011 to improve the quality of the academic process and as a preaccreditation measure. After the establishment of the IQAC Cell, the following initiatives have been implemented:

Outcome-based education course Achieving outcomes and improving them. Enrichment Courses CBCS Implementation Introduction of open electives and expansion of professional electives. Internship is compulsory. Increased frequency of field trips, Reforms in examinations assist pupils.

Implementation of a biometric attendance system for both teaching and non-teaching personnel, together with electronic surveillance of the campus. Engagement in NIRF Ranking Procedure, Outreach Activities, NPTEL Credit Transfer Creation of an innovation lab to support and promote companies by academics and students. The internal quality assurance methods are designed to meet the standards set by the National Assessment and Accreditation Council (NAAC) and National Board of Accreditation (NBA). The cell aims to create a system that promotes continuous improvement in the institution's performance by engaging all stakeholders and internalizing a culture of quality, leading to the institutionalization of best practices. The IQAC often has meetings with Heads of Departments and Academic Coordinators of the department. The Academic Calendar contains information about the re-opening date, CAT schedule, vacations, model examination, and End semester Practical Examination.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://psncet.ac.in/wp-content/uploads /2024/02/6.5.1-front-1.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

1. Teaching and learning process:

The institution periodically reviews its teaching and learning processes, structure, techniques of operations, and learning results. Students are urged to make use of the Central library. Remedial lessons are organized for students who study at a slower pace. Quick learners are recommended for the accelerated program and several contests, as well as the seminar, workshop, and symposium. Relevant courses are added to the curriculum to improve students' communication skills. Teaching extends beyond the prescribed syllabus topics. Active Learning approaches including experimental learning, participatory learning, and problem-solving procedures are used to foster creativity inside classrooms. Several groups, including innovation, quiz, yoga, environment, photography, science, and green campus, are actively enhancing the educational process. Professors and

industry experts from various educational institutions are asked to provide guest lectures in order to offer students a broad range of information. Curriculum development is achieved by regular input from students, teachers, and stakeholders.

2.Structure and Methodologies of Teaching and learning Operation:

Faculty members create a course plan far ahead of the start of classes. The course file includes the syllabus, lesson plan, teaching style, question bank, materials for slow and quick learners, assignments, and other information. The course file contents are validated by the department head and endorsed by the director of academics and the principal. It is managed by the faculty for the courses they teach.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://psncet.ac.in/wp- content/uploads/2024/02/6.5.2-front.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 /2024/02/ANNUAL-REPORT-FOR-THE-ACADEMIC- YEAR-2022-23-2.pdf |
| Upload e-copies of accreditations and certification | <u>View File</u> |
| Upload details of quality assurance initiatives of the institution | <u>View File</u> |
| Upload any additional information | <u>View File</u> |

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

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) about 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 privacy. 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 monitored the entry and exit of the students, staff, parents and others. 24x7 electricity power backup is available within the campus, also with residential wardens and staff in-charges are available within the campus.

| File Description | Documents |
|---------------------------------------|------------------|
| Upload any additional information | <u>View File</u> |
| Paste link for additional Information | Nil |

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

B. Any 3 of the above

| File Description | Documents |
|--------------------------------|------------------|
| Geotagged Photographs | <u>View File</u> |
| Any other relevant information | <u>View File</u> |

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)

PSNCET has dustbins in all the floors of the academic blocks, canteen, classrooms, common areas and every open area. The institute segregates the recycle of biodegradable waste, by implementing the concept of 3R (Reduce, Resue, and Recycle) to satisfy the objective of sustainable development to maintain ecological balance inside ethe campus premises. Use of plastics is strictly banned inside the campus, instead of plastics biodegradable cutleries are encouraged. In the periodic manner various awareness campaigns are organized on waste management. To create awareness for students and public towards maintaining sustainable, eco-friendly and green enabled campus. Also, various NSS programs like Swachh Bharat, Clean & Green campus activities and plantation of trees inside the campus are regularly conducted. The broken glass wares in the premises are collected in a separate bin over a week and it is disposed as solid waste.PSN college of the engineering and technology keenly taking a control measure to maintain comfortable drinking and non-drinking water management system. The institution advice the stakeholders for the optimum usage of the electrical and electronic items such as computers, printers, and other products. The institution has paper recycling plant with capacity of 1 tonne.

| File Description | Documents |
|---|------------------|
| Relevant documents like agreements/MoUs with Government and other approved agencies | <u>View File</u> |
| Geotagged photographs of the facilities | <u>View File</u> |
| Any other relevant information | <u>View File</u> |

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 | <u>View File</u> |
| Any other relevant information | <u>View File</u> |

7.1.5 - Green campus initiatives include

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

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

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

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:

A. Any 4 or all of the above

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

| File Description | Documents |
|---|------------------|
| Reports on environment and energy audits submitted by the auditing agency | View File |
| Certification by the auditing agency | View File |
| Certificates of the awards received | <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,

A. Any 4 or all of the above

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

| File Description | Documents |
|--|------------------|
| Geotagged photographs / videos of facilities | <u>View File</u> |
| Policy documents and brochures on the support to be provided | <u>View File</u> |
| Details of the software procured for providing assistance | <u>View File</u> |
| Any other relevant information | <u>View File</u> |

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 understudy get oneself as an exceptional, skilled, and esteemed individual from a diverse community. With this point, the institution is effectively ready to make a culture of incorporation through different occasions and exercises coordinated at the departmental and institutional level. The foundation of additional works in fostering the educators' abilities to establish a comprehensive climate to zero in on instructing and learning capacities so they can set up elevated standards and execute more viable informative practices to limit the accomplishment gap. 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.

- 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.

| File Description | Documents |
|--|------------------|
| Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution) | <u>View File</u> |

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 understood 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 students for bringing confidence in their career.

Apart from this some of the mandatory courses such as professional ethics and human values, 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 level, in which students participate at various competitions such as essay writing, quiz competitions, drawing competitions, stage and street performances, treasure hunts. These activities make them to share their knowledge and ideas about values, rights, duties and responsibilities which is related to constitutional obligations.

| File Description | Documents |
|---|------------------|
| Details of activities that inculcate values necessary to transform students into responsible citizens | <u>View File</u> |
| Any other relevant information | No File Uploaded |

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

A. All of the above

| File Description | Documents |
|--|------------------|
| Code of Ethics - policy document | <u>View File</u> |
| 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 | <u>View File</u> |
| Any other relevant information | <u>View File</u> |

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

PSN College of Engineering and Technology, organized 76th Independence Day on 15.08.2023, the tricolour flag was hoisted by our respected, Principal, Dr. V. Manikandan. The students and staffs are eagerly participated in this commorative day to celebrate the 76th Independence Day of our country.

PSN College of Engineering and Technology, organized 72th Republic Day on 26.01.2023, the tricolour flag was hoisted by our respected, Principal, Dr. V. Manikandan. The Marine students march past and drills were very fabulous. At the end of the celebrations, sweets were distributed to cherish the event as memorable one.

In India, 5th September is celebrated as Teachers' Day as a mark of tribute to the contribution made by teachers to the society. 5th September is the birthday of a great teacher Dr. Sarvapalli Radhakrishnan, a staunch believer of education and a well-known diplomat, visionary, statesman, scholar, President of India and above all a perfect Teacher.

Teachers mould the lives of the students by guiding them, by enriching their personalities, by imparting ethical and moral values and have more influence on them. Teacher's Day is celebrated with great enthusiasm in many parts of the world.

| File Description | Documents |
|--|------------------|
| Annual report of the celebrations and commemorative events for during the year | <u>View File</u> |
| Geotagged photographs of some of the events | <u>View File</u> |
| Any other relevant information | No File Uploaded |

7.2 - Best Practices

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

- Create new businesses and jobs: Startups are responsible for a significant portion of new job creation in the economy. By providing support and resources to startups, incubators can help them to grow and create more jobs.
- Promote innovation: Startups are often the source of new ideas and innovations. By supporting startups, incubators can help to accelerate the pace of innovation and economic growth.
- Develop entrepreneurial skills: Incubation programs can help to develop the entrepreneurial skills of earlystage entrepreneurs. This can help to create a more

- entrepreneurial culture and economy.
- Build a vibrant startup ecosystem: Incubators can help to build a vibrant startup ecosystem by providing a space for startups to collaborate and network. This can help startups to grow and succeed.

In addition to these general objectives, there are also specific objectives that vary depending on the individual startup, incubator, or entrepreneurial program. For example, some incubators may focus on supporting startups in a particular industry or sector, while others may focus on supporting startups from a particular geographic region.

| File Description | Documents |
|---|--|
| Best practices in the Institutional website | https://psncet.ac.in/best-practices-2/ |
| Any other relevant information | https://psncet.ac.in/wp-content/uploads /2024/04/3.3.2-2 removed-1-1.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)

- PSN College of Engineering and Technology (PSNCET) was established in the year 2001 with 3 undergraduate engineering programmes in an extreme rural village, Melathediyoor, Tirunelveli district in Tamilnadu.
- It has progressed itself in every stage and crossed several mile stones during the past 20 years of its existence and today the college offers 9 undergraduate and 8 postgraduate programmes in engineering.
- Besides, 5 departments are recognized as research centres by Anna University, Chennai. The college became autonomous in 2012 and accredited by NAAC.
- PSNCET makes consistent efforts in fulfilling its social responsibilities towards the downtrodden sections of the society.
- This has paved way for the rural youth, mostly first generation learners, to take up higher education and have raised them to greater heights, both professionally and economically.
- The establishment of the college has also created job opportunities for rural people of the neighbourhood.Our

- College always distinct by involving various academic and non-academic activities.
- In that one of the uniqueness while comparing to other colleges, PSNCET march towards technological development and welfare of the student community.
- Connexion to this, a Centre of excellence was established to develop the multidisciplinary knowledge of the students and faculties in research and automation.

| File Description | Documents |
|---|---|
| Appropriate link in the institutional website | https://psncet.ac.in/institution- distinctiveness-2/ |
| Any other relevant information | <u>View File</u> |

7.3.2 - Plan of action for the next academic year

- Maintaining a friendly learning environment for the overall growth of students, faculty, and support staff Introducing online learning via supplemental courses.
- To keep offering comprehensive, values-based education for the students.
- To develop entrepreneurial skills in students to meet the demands of the business world.
- To invigorate the scholarly milieu in order to foster excellence in the process of teaching and learning.
- To carry out research investigations, consultation, and training programs relating to quality.
- To do more extension activities for promoting government schemes among the village peoples benefits and increase their self employment activities.
- Establishing formal connections via Memorandums of Understanding.
- To host conferences, seminars, and workshops with government and non-government funding agencies support.
- To enable faculty and student exchange programs and connections with other academic institutions.
- Developing methods to enhance the process of Teaching,
 Learning, and Evaluation.
- To keep offering worthy and in need pupils formal education.
- To inculcate startup, incubation, and innovation ecosystem among the students and staff members.

- To obtain better NIRF ranking for the institution.
- To become Deemed to be University in the year 2025.