

# YEARLY STATUS REPORT - 2023-2024

Part A			
Data of the Institution			
1.Name of the Institution	P.S.V. COLLEGE OF ENGINEERING AND TECHNOLOGY		
Name of the Head of the institution	Dr. P. LAWRENCE		
• Designation	Principal		
• Does the institution function from its own campus?	Yes		
• Phone no./Alternate phone no.	09444273966		
Mobile no	08838428106		
Registered e-mail	principal@psvcet.ac.in		
Alternate e-mail	selvam.psv@gmail.com		
• Address	Mittapalli, Balinayanapalli (PO)		
• City/Town	Elathagiri (S.O) Krishnagiri (DT)		
• State/UT	Tamil Nadu		
• Pin Code	635108		
2.Institutional status			
Affiliated /Constituent	Affiliated		
Type of Institution	Co-education		
• Location	Rural		

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Financial Status	Self-financing
Name of the Affiliating University	Anna University
Name of the IQAC Coordinator	Krithiga. K
• Phone No.	04343268333
Alternate phone No.	
• Mobile	06382098827
IQAC e-mail address	iqac@psvcet.ac.in
Alternate Email address	principal@psvcet.ac.in
3.Website address (Web link of the AQAR (Previous Academic Year)	https://psvcet.ac.in/iqac/final%2 0AQAR%202022-2023.pdf
(Trevious Academic Tear)	UNONCESSE ZUZJ. PUL
4. Whether Academic Calendar prepared during the year?	Yes
• if yes, whether it is uploaded in the	https://psvcet.ac.in/academic-
Institutional website Web link:	<u>calendar/</u>
5 Accreditation Details	

#### **5.Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.13	2022	26/10/2022	25/10/2027

# 6.Date of Establishment of IQAC 04/06/2015

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Depa rtment /Faculty	Scheme	Funding	Agency	Year of award with duration	Amount
Dr.B.GOKULAK RISHNAN/EEE	Design and I mplementatio n of IoT Based Voice and Gesture- Controlled Wheelchair for Independent Patients	TNSDC	_	2024 4-months	10000
Dr.C.BHUVANE SWARI/EEE	Implementati on of Electricty Power Generation using waste material and plastics in road, construction and preventing air pollution	Tamil Nadu state council for science and technology		2024 4-months	6000
8.Whether compos NAAC guidelines	ition of IQAC as pe	r latest	Yes		
<ul> <li>Upload latest notification of formation of IQAC</li> </ul>		View File			
9.No. of IQAC meetings held during the year		2			
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?		Yes			
• If No, please upload the minutes of the meeting(s) and Action Taken Report		No File U	Jploaded		

10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
• If yes, mention the amount	

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

Prepared and submitted application to the UGC for conferment of fresh autonomous status to our Institution.

Submitted pre-qualifier to the NBA for the following UG Programmes - B.E.-CSE, B.E.-ECE, B.E.-EEE&B.Tech.IT

IQAC Organized first international conference on Innovative Research in Science, Engineering and Management (ICIRSEM)

Prepared and Participated in the National Institutional Ranking Framework.

Organized Faculty development programme on Outcome Based Education

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

Plan of Action	Achievements/Outcomes
To get Autonomous status for our instituion	Prepared and submitted application to the UGC on 7th March 2024 for conferment of fresh Autonomous status
To submit Pre-qualifier to the NBA	Submitted pre-qualifier for B.E.CSE,B.E.EEE,B.E.ECE & B.Tech.IT on 7th January 2024
To Organize International conference	IQAC Organized first international conference on Innovative Research in Science, Engineering and Management (ICIRSEM)
To collect and prepare data for NIRF	Prepared and Participated in the National Institutional Ranking Framework.
To create awareness on Outcome based education	Organized Faculty development programme on outcome based education

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

• Name of the statutory body

Name	Date of meeting(s)
Governing Council	28/06/2024

#### 14. Whether institutional data submitted to AISHE

Year	Date of Submission
2023-2024	10/01/2025

### 15. Multidisciplinary / interdisciplinary

P.S.V College of Engineering and Technology, Krishnagiri has done a tremendous job in creating an enabling ecosystem for offering multidisciplinary and interdisciplinary education to flourish and make a difference to the students. The flexibility to choose subjects (Electives) from engineering to science and humanities with the ability to also learn management will give students a wide range of subjects to choose from without the restrictions they faced earlier. With a creative combination of subjects, cutting-edge curriculum, flexible options to foster intellectual curiosity, a critical thought process, self-reflection leadership, and teamwork skills, professionalism in a socio-cultural environment.

#### 16.Academic bank of credits (ABC):

Our Institution strives to create awareness of the academic bank of credits, PSVCET took steps to make all students create their account in ABC which will facilitate students to choose their learning path to attain a degree/diploma/certificate, working on the principle of multiple entries - multiple exits as well as any time, anywhere, and any level of learning. Most of the Students and Faculty members have registered and created their individual Digital Depositary.

### 17.Skill development:

PSVCET has taken the following steps 1) the college encourages faculty and non-teaching technicians to participate in enhanced skill development through FDP /refresher course/workshop/MOOCs 2) workshop and hands-on training for skill development and recent information and communication technology 3) students were given training in the latest technology through value-added courses and

participating in MOOCs 4) basic and advanced ICT workshops have been organised to increase work outcomes 5) personality development program has been introduced to the students 6) internship is made compulsory for all the students 7) special training programs are organised for competitive exam and entrance test were given

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

Part of it is being addressed by our Anna University i. e. Offering a course in regional language. and educating the First-year students with universal Human values in the student Induction program in 2021regulation of Anna University introduced Tamil for the first-year students and educated the students in the Indian language, culture, etc...

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

PSVCET offers 12 programmes across Engineering and Management. All these programmes are offered as outcomes-based education (OBE) which are designed keeping in mind the regional and global requirements. PSV has implemented outcome-based education with clearly stated Programme Outcomes, programme-specific outcomes and course outcomes. All courses are designed with outcomes centred on cognitive abilities namely Remembering, Understanding, Applying, Analysing, Evaluating and Creating. Apart from the domain-specific skills, learning outcomes at all levels ensure social responsibility and ethics, as well as entrepreneurial skills so that students contribute proactively to the economic, environmental and social well-being of the nation. The Course Objectives (COs) are also aligned with the PO-PSO stated by the Affiliated University. All course syllabi have been designed with due consideration to macroeconomic and social needs at large to apply the spirit of NEP.

#### **20.Distance education/online education:**

Online education is practiced through online teaching and learning platforms such as Google Meet and Microsoft Teams etc. Our institution provides the following facilities for Online learning through e-library NPTEL videos- http://172.16.250.30/ece.html, Swayam Course- https://swayam.gov.in, EDX course- www.edx.org, IIT Bombay course- www.iitbombayx.in, Coursera portal - www.coursera.org, IIT- Spoken tutorials- http://spoken-tutorial.org/, and Swayam Prabha - https://swayamprabha.gov.in. We could plan in the future for distance education after having the experience of the massive implementation of courses online.

#### **Extended Profile**

1.Programme				
1.1	528			
Number of courses offered by the institution across all programs during the year				
File Description	Documents			
Data Template	<u>View File</u>			
2.Student				
2.1	1456			
Number of students during the year				
File Description	Documents			
Institutional Data in Prescribed Format	<u>View File</u>			
2.2	561			
Number of seats earmarked for reserved category a Govt. rule during the year	s per GOI/ State			
File Description	Documents			
Data Template	<u>View File</u>			
2.3	318			
Number of outgoing/ final year students during the	year			
File Description	Documents			
Data Template	<u>View File</u>			
3.Academic				
3.1	119			
Number of full time teachers during the year				
File Description	Documents			
Data Template	<u>View File</u>			
Data Template  3.2	View File 119			

Number of sanctioned posts during the year			
File Description Documents			
Data Template		View File	
4.Institution			
4.1		47	
Total number of Classrooms and Seminar halls			
4.2		423	
Total expenditure excluding salary during the year	(INR in lakhs)		
4.3		735	
Total number of computers on campus for academic purposes			

#### Part B

#### **CURRICULAR ASPECTS**

### 1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

PSVCET adheres to the Anna University-recommended course. The Institution follows outcome-based education to offer the curriculum. In addition, every course's teaching and learning procedures are designed to thrive at the highest caliber. The core values of all students-innovation, creativity, ethics, and commitment, social responsibility, lifelong learning, consistency, interdisciplinary thinking, and contribution to national and global development-are well planned and executed by PSVCET. The institution's vision and mission are to achieve excellence in technical education and multidisciplinary education. To this end, all students are offered open elective courses, value-added courses, or certificate courses each semester. As per the AICTE approval, we increased the intake of B.E-CSE and B.Tech -Information Technology intake from 60 to 90.

The timetable and course plan were prepared by the consent department coordinator discussed with the head of the department and approval was given by the principal to follow the scheduling of classes. Yearly three Class Committee Meetings and two Department Advisory Meetings will be conducted to ensure effective curriculum delivery and to collect feedback from stakeholders. As per the

Principal addressed in the IQAC Meeting, the Class Records should be completed and ensure the students get good scores in university examinations and a Course End Survey will be collected from the students to analyze each subject how they performed in their University Examinations.

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Link for Additional information	https://www.psvcet.ac.in/iqac/1.1.1 Effectiv e Curriculum.pdf

# 1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The institute academic calendar draft is prepared by the IQAC as per the university guidelines, which are placed in HOD meetings with the principal, to discuss and approve the Academic Calendar. Any suggestions or feedback regarding the calendar are communicated by the faculty members and staff to the principal's office, and the same are incorporated, if necessary, after due deliberations with the IQAC. Thereafter, the final version of the academic calendar is published and circulated. the In Charge of each department will prepare the timetable following the guidelines of the respective statutory bodies, counting the number of credit hours for each subject and displaying it on the respective department notice boards. The academic committee ensures the firm implementation of the academic calendar by monitoring daily activities and it periodically reviews the gaps found in the implementation of planned activities. Before commencing the internal examinations, question papers are scrutinized by the Technical Expert Committee, and the exams are held continuously as per schedule. The marks secured by the students are entered into the Anna University web portal. The academic calendar accommodates the following major activities: The beginning and end dates of semesters The schedule of co-curricular and extracurricular activities The schedule of all examinations The syllabus completion dates for IAT-I, IAT-II, and IAT-III Internal Assessment Dates Mentor-Mentees Meeting Schedule Class Committee and Department Advisory Committee Meeting dates A tentative period of practical and theoretical examinations.

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Link for Additional information	https://psvcet.ac.in/igac/1.1.2_Additional_i nformation.pdf

1.1.3 - Teachers of the Institution participate in B. Any 3 of the above following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

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

#### 1.2 - Academic Flexibility

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

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

12

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

#### 1.2.2 - Number of Add on /Certificate programs offered during the year

# 1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

20

File Description	Documents
Any additional information	<u>View File</u>
Brochure or any other document relating to Add on /Certificate programs	<u>View File</u>
List of Add on /Certificate programs (Data Template )	<u>View File</u>

# 1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

#### 1273

File Description	Documents
Any additional information	<u>View File</u>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<u>View File</u>

#### 1.3 - Curriculum Enrichment

# 1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

We have faith in giving a healthy ambiance to all our students. The cross-cutting issues like gender, environmental sustainability, human rights, professional ethics, etc., find plenty of space when it comes to applying them positively to the curriculum. The curriculum is framed by the University and it does include many of these aspects in the curriculum for previous regulations. Now professional ethics, human values, environmental science and engineering subjects are included as a part of the curriculum.

#### Gender sensitization:

The institution ensures the exertion of similar efforts in molding student character and caliber irrespective of their gender. The active women's empowerment cell would attend to the issues faced by the female students in academia and personally.

#### Environment and sustainability:

The Institution has made efforts to raise awareness on environmental issues and their sustainability to society through extension activities by NSS and YRC.

#### Human values:

Our institution is very concerned with inculcating such values in the minds of young engineers and management professionals. Our institution is encouraging group activities that encourage the students to learn the value of human beings and harmony towards growth of the society.

#### Professional ethics:

Developing professional ethics and human rights will certainly improve one's ability and judgment and refine one behavioral decision and actions in performing the duties in the family, organization, and to the society.

File Description	Documents
Any additional information	<u>View File</u>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<u>View File</u>

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

49

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

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

#### 1207

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

# 1.4 - Feedback System

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

### A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://psvcet.ac.in/igac/1.4.2_feedback_ana lysis_report.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<u>View File</u>
Any additional information	<u>View File</u>

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# 1.4.2 - Feedback process of the Institution may A. Feedback collected, analyzed be classified as follows

and action taken and feedback available on website

File Description	Documents
Upload any additional information	<u>View File</u>
URL for feedback report	https://psvcet.ac.in/igac/1.4.2_feedback_ana lysis_report.pdf

#### TEACHING-LEARNING AND EVALUATION

#### 2.1 - Student Enrollment and Profile

### 2.1.1 - Enrolment Number Number of students admitted during the year

### 2.1.1.1 - Number of students admitted during the year

561

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 seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

### 2.1.2.1 - Number of actual students admitted from the reserved categories during the year

561

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 the learning levels of the students and organizes special Programmes for advanced learners and slow learners

In the Academic Year 2023-2024 PSVCET,

- 1. To understand the engineering curriculum and ecosystem of the institution many induction programs are organized for first-year students by the management and faculty members of the institution.
- 2. The learning levels of the students are assessed by the institution based on their studies through slip tests and internal assessment tests (IAT).
- 3. Based on the student's performance in slip tests and IAT I, they are categorized as slow learners and advanced learners. Slow learners are those who secured less than 50% of marks in the IAT I and Slip tests.
- 4. Advanced learners are those who secured more than 50% of marks in the IAT I and Slip tests.

Special programs organized for slow learners:

- 1. Coaching class and retest
- 2. Communication skills
- 3. Special coaching for arrear
- 4. Parents-faculty meetings
- 5. Simplified course materials
- 6. Motivational programs

Special programs for advanced learners:

- 1. MAP (make a product) practice
- 2. Funding for projects
- 3. Participation in corporate contests
- 4. Technical club events and professional society linkages
- 5. Guidance program for competitive exams
- 6. Participation in Digital library
- 7. Participate in technical events

#### 8. Counseling for improving the performance

#### 9. Incubation Centres

File Description	Documents
Paste link for additional information	https://www.psvcet.ac.in/iqac/2.2.1 ADDITION AL INFO.pdf
Upload any additional information	<u>View File</u>

#### 2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1456	119

File Description	Documents
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

Student-centric teaching-learning is aware of students and their needs. It focuses on the instruction, which is shifted from the teacher to the students with the end goal of developing autonomous and independent students by placing the responsibility of learning in the hands of the students. Engineering and Technology has effectively applied student-centric learning to gain Outcome-Based Education (OBE) through experimental, participative, and problemsolving methodologies.

### Experiential Learning:

The course syllabus is framed with an inbuilt lab and the topics with modern software/simulation tools. Value Added Courses of one credit are organized to upgrade the knowledge of students in emerging technologies. Project work, mini-projects, laboratory activities, project exhibitions, symposiums, and conferences are conducted to help students bring their ideas into a working prototype. The students are provided the opportunity to participate in exhibitions and to present their ideas.

#### Participative Learning:

Students are motivated to get enrolled in professional societies like ISTE, CSI, EWB, CII ICTACT, etc. They participate in various technical programs like seminars, workshops, conferences, etc. The students are encouraged to participate in co-curricular and extracurricular activities conducted by Intra College and Inter College events. The students utilize modern digital learning resources such as the National Digital Library of India, J-Gate, and Spoken Tutorial to enhance their learning experience. The students are encouraged to learn Swayam-NPTEL courses and credits earned are transferred to them.

File Description	Documents
Upload any additional information	<u>View File</u>
Link for additional information	https://www.psvcet.ac.in/igac/2.3.1 Addition al Information.pdf

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

Faculty members follow the method of ICT for teaching in the classroom. Exploit of multimedia teaching aids like LCD projectors, classrooms with internet facilities, and systems are usually used in the classrooms. To create the best learning environment for the students the faculty members use ICT tools for teaching and learning. The institute supports, motivates, and monitors the teacher to use modern teaching aids.

#### Course Delivery Methods:

- Mini Projects
- Technical Reports
- Case Studies
- Experimental training
- Lab Experimental work
- Class Assignments

- Real-life examples
- Individual Learning For independent learning of the students, registering themselves in the E- Learning platforms like SWAYAM and NPTEL is encouraged.
- Students can promote their skills by enrolling themselves in an online course for self-learning
- Experiential learning
- Practical courses are made compulsory in the curriculum and a record book is maintained in the department.
- Maintenance and Repairing activities of various lab equipment.
- Students are motivated to take up innovative projects and miniprojects
- Students can develop their careers through one month of vocational training and internship for the Final year group project gives the empirical knowledge to reach the goal.
- ICT based learning

In education, ICT is the mode to support, enhance, and optimize the delivery of information through paper presentations and publications.

To promote learning skills, students are promoted by web assignments and web-quiz. Students are given a case study to shape their presentation skills.

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

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

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#### 2.3.3.1 - Number of mentors

#### 118

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<u>View File</u>
Circulars pertaining to assigning mentors to mentees	<u>View File</u>
Mentor/mentee ratio	<u>View File</u>

### 2.4 - Teacher Profile and Quality

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

#### 119

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<u>View File</u>
Any additional information	<u>View File</u>
List of the faculty members authenticated by the Head of HEI	<u>View File</u>

# 2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

# 2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

18

File Description	Documents
Any additional information	<u>View File</u>
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	<u>View File</u>

# 2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

### 2.4.3.1 - Total experience of full-time teachers

600

File Description	Documents
Any additional information	<u>View File</u>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<u>View File</u>

#### 2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The Institute is affiliated with Anna University, Chennai, and follows the exam pattern of the university. Based on the slip test (ST) Internal Assessment Test (IAT) and Model Exam (ME) continuous evaluation is done. Slip Tests are conducted after the completion of 1/2 Unit. Internal Assessment Tests are conducted after the completion of two units. After completing the whole syllabus model exams are conducted. The weightage of marks secured by the students in the CIE process comprises 20% of their university grading for the 2017 regulation and 40% for the 2021 regulation.

The institute conducts five slip tests, 3 IAT (R-2017) / 2 IAT (R-2021), 1model exam, and one model lab at the end of every semester. Exam coordinators from each department and an internal squad with the senior faculty work together for the smooth conduction of the exams. These exams help the teachers to continuously assess the students to find their progress and toidentify slow and advanced learners. After the publication of results, a micro level department meeting will be conducted to discuss the IAT results.

The common points usually discussed in the meeting are,

- 1. Comparing with the previous year's results
- 2. Subject-wise analysis
- 3. Faculty wise analysis
- 4. Student ranking

Based on the analysis, HODs and Faculty members will finalize the appropriate recommendations to improve the performance of the students in the later exams. Feedback about the performance is given to the students along with recommendations for their improvement in the forthcoming examinations.

File Description	Documents
Any additional information	<u>View File</u>
Link for additional information	https://psvcet.ac.in/igac/2.5.1 INDEX.pdf

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

At the college level, an examination cell committee is constituted with the chief superintendent, other teaching faculty, and nonteaching staff as members for the smooth conduction of the end semester examination. The end-semester examination is conducted by the university. The college rigorously adheres to the guidelines of the affiliating university while conducting internals and end semester examinations.

Time table for the test is prepared well in advance and communicated to the students earlier. After the evaluation of internal assessment answer scripts, the scripts are shown to the students to check for any discrepancy or doubt in checking, and also grievances forms are submitted by the students. The course instructor will rectify the discrepancy of the students within the stipulated time. The final internal assessment marks are calculated based on attendance, marks of class tests, and assignment marks, and are uploaded on the university ERP at theend of the semester.

Any grievances related to university question papers like out of syllabus, or repeated questions during semester exams are addressed to the chief superintendent, and the same is reported to the university immediately through the center controller (University representative). After the End semester Examination results, if the student has any grievances related to the evaluation of university answer scripts, the student can apply for reevaluation/scrutiny. The university declared the result of reevaluation/scrutiny after completing the process on the university website.

File Description	Documents
Any additional information	<u>View File</u>
Link for additional information	https://www.psvcet.ac.in/igac/2.5.2 Supporting Document.pdf

#### 2.6 - Student Performance and Learning Outcomes

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

The Institute is affiliated to Anna University, Chennai. The Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) are clearly defined and stated in the University Syllabus for the regulations 2017 and 2021. COs are prepared by the course instructor which aligns with the Vision and Mission statement of the department and the syllabus content.

The POs and COs are accessible in the course file developed by faculty members. While figuring with POs faculty can understand the course outcomes accordingly. POs and COs for all programs and courses suggested by the institution are shown on the institute website for referral. They are made attainable through faculty members, student attention laboratories, and student orientation programs. All the planning and execution are guided by the objectives of faculty conferences.

The program outcomes and program-specific outcomes are obtained through a syllabus that provides several courses. Each course has determined course outcomes that are related to the program outcomes and a set of performance criteria that areutilized to offer quantitative measurement of how well course outcomes are accomplished. The course outcomes are thus straightaway and quantitatively evaluated and are built to the program outcomes and programspecific outcomes.

The Course Outcomes of each course are designed to the program outcomes with a grade of focus being firmly associated (3), comparatively associated (2), and delicately associated (1). The faculty members refer to the syllabus to understand POs and COs completely before delivering to the students.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for Additional information	https://psvcet.ac.in/igac/2.6.1_CO_PO.pdf
Upload COs for all Programmes (exemplars from Glossary)	<u>View File</u>

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

In Outcome Based Education, The course is carried out by the department to identify, collect, analyze, and evaluate the data towards the achievement of Course Outcomes (COs). Attainment of POs and COsis carried over through Direct and Indirect assessment tools

#### Direct Assessment Tools

- 1. The course outcomes are defined by the university and the course instructor defines the CO-PO matrix. After the CO and PO matrix, the course instructor will identify the Gap. By implementing the content beyond the syllabus, the course instructor will fill the Gap. The final CO PO matrix will be prepared after the Content beyond the syllabus.
- The Internal Question Paper is prepared based on COs and BT levels.
- 3. Three Internal Assessment tests are conducted every semester as per the calendar of events prepared by the institution in line with the University regulations. Performance evaluation is based on the scheme of evaluation prepared by the courseinstructor.
- 4. COs are mapped in the internal assessment question papers. The average performance of individual students against each question and corresponding CO is calculated for direct assessment

#### Indirect Assessment Tools

Indirect Assessment is done by conducting a course-end survey for every course conducted under our program and for every individual student of the program.

List of Indirect Assessment tools for PO attainment

Alumni Feedback throughSurvey Questionnaire

Exit Feedback throughSurvey Questionnaire

Student Feedback about OBE

Employer feedbackthrough Survey Questionnaire

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for Additional information	https://www.psvcet.ac.in/iqac/2.6.2 CO PO At tainment.pdf

### 2.6.3 - Pass percentage of Students during the year

# 2.6.3.1 - Total number of final year students who passed the university examination during the year

226

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<u>View File</u>
Upload any additional information	<u>View File</u>
Paste link for the annual report	https://psvcet.ac.in/wp-content/uploads/2025 /01/Annual_Report_2023-2024.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://www.psvcet.ac.in/igac/2.7.1 SSS Analysis.pdf

#### RESEARCH, INNOVATIONS AND EXTENSION

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

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

#### 3.16

File Description	Documents
Any additional information	<u>View File</u>
e-copies of the grant award letters for sponsored research projects /endowments	<u>View File</u>
List of endowments / projects with details of grants(Data Template)	<u>View File</u>

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

### 3.1.2.1 - Number of teachers recognized as research guides

4

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

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

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

5

File Description	Documents
List of research projects and funding details (Data Template)	<u>View File</u>
Any additional information	<u>View File</u>
Supporting document from Funding Agency	<u>View File</u>
Paste link to funding agency website	https://www.tanscst.tn.gov.in/

### 3.2 - Innovation Ecosystem

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

To create an Innovative Ecosystem P.S.V College of Engineering & Technology has established The Institution's Innovation Council (IIC), an initiative of the Ministry of Education's Innovation Cell, The Research and Collaborative Cell (R&C Cell) and the Entrepreneurship Development Cell (EDC). The above cells conducted various workshops, training programs, and awareness sessions related to intellectual property rights (IPR), Entrepreneurship, and Research. The Following programs are organized to impart innovation in the minds of students, Commercio FIERA-2023, Project EXPO-2024, and XEKINA Minds Food Feast-2023. The students are motivated to participate in the Smart India Hackathon, Publish papers in journals, submitting proposals for funded projects. R&D cell aims to foresee future problems through the pursuit of technology to respond to current social demands and to contribute to the creation and development of scientific technologies to realize an affluent society and natural environment for humanity.

At the same time, PSVCET aims to create excellent educational resources and an excellent educational environment through frontline research. The objective of EDC Cell and provide a platform for students to develop creative ideas with global recognition as well as earn money through consulting and student start-ups. Psvcet consistently contributes to the innovation ecosystem and motivates students to become entrepreneurs by providing innovative solutions to real-world problems. The college also encourages peer teaching to enhance participative learning and inculcate the habit of creation and transfer of knowledge.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	https://www.psvcet.ac.in/iqac/3.2.1_Additional_information.pdf

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

4

File Description	Documents
Report of the event	<u>View File</u>
Any additional information	<u>View File</u>
List of workshops/seminars during last 5 years (Data Template)	<u>View File</u>

#### 3.3 - Research Publications and Awards

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

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

18

File Description	Documents
URL to the research page on HEI website	https://www.psvcet.ac.in/iqac/3.3.1_Add_Info _Supervisor_detials.pdf
List of PhD scholars and their details like name of the guide, title of thesis, year of award etc (Data Template)	<u>View File</u>
Any additional information	<u>View File</u>

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

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

35

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

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

#### 136

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

#### 3.4 - Extension Activities

- 3.4.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year
- P.S.V College of Engineering and Technology encourages staff and students to actively participate in programs involving social issues, for their holistic development. Our Institute works with the neighboring community and carries out a range of extension programs to help with the needs of the neighborhood under various schemes. National Service Scheme (NSS), Youth Red Cross (YRC) & National Cadet Corps (NCC) Students from all the departments actively participated in various programs organized through NSS, YRC & NCC unit with faculty coordinator and student volunteers are active in our institution.

The various social issues addressed by our NSS, YRC& NCC volunteers include Plastic Free Awareness Program, Clean India 2.0, Drug Awareness Program, Sapling Plantation, International Mother Language Day, National Voter Day, Yoga Awareness Programme, Puneet Sagar Abhiyan, Pledge-in Connection with Plastic Waste Management and Tree Plantation. These activities have profound positive impacts on the students and also help in developing relationships of students with the community.

File Description	Documents
Paste link for additional information	https://www.psvcet.ac.in/igac/3.4.1 Aditiona l Information.pdf
Upload any additional information	<u>View File</u>

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

1

File Description	Documents
Any additional information	<u>View File</u>
Number of awards for extension activities in last 5 year (Data Template)	<u>View File</u>
e-copy of the award letters	<u>View File</u>

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

9

File Description	Documents
Reports of the event organized	<u>View File</u>
Any additional information	<u>View File</u>
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<u>View File</u>

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

2236

File Description	Documents
Report of the event	<u>View File</u>
Any additional information	<u>View File</u>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<u>View File</u>

#### 3.5 - Collaboration

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

809

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

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

24

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<u>View File</u>
Any additional information	<u>View File</u>
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<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 equipment etc.
- P.S.V. College of Engineering and Technology, spanning 10.85 acres, adheres to the infrastructure standards set by AICTE and Anna University. It boasts 50 classrooms each classroom is equipped with projectors, facilitating enhanced academic discourse through the

integration of Information and Communication Technology, seminar halls, department laboratories, an auditorium, and a library, all equipped with 100 Mbps Wi-Fi connectivity. The institution's pristine environment fosters conducive conditions for academic and career growth.

Laboratories/computing facility/drawing halls/Auditorium

The institution houses eight computer labs with 582 computers, 500 reserved for student use. Connected via LAN or Wi-Fi, they offer fast internet (100Mbps) and various operating systems for a secure learning environment. Additionally, it provides drawing halls, seminar halls, and an auditorium. Its ICT setup includes projectors, wireless microphones, and internet access for lectures and workshops.

#### Library

The library stands as a vital learning hub within the institution, housing an extensive collection of over 28281 books covering Engineering, Technology, Management Industries, and industry related topics, as well as rare and core reference materials. It is equipped with a digital login system for easy access and boasts membership to the National Digital Library (NDL), further enhancing its resources and accessibility.

#### Other facilities

The institute provides transport, a canteen serving hygienic food, well-ventilated hostel accommodations for students and staff, a Common room for Boys and Girls, a Medical Room, and a Yoga Hall. Six RO water supply points ensure clean drinking water. The administration offers furnished office rooms, HODs' rooms, refreshment areas, and CCTV surveillance enhance campus security.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	https://www.psvcet.ac.in/igac/4.1.1_Additional_Information.pdf

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

The college facilitates cultural, sports, and extracurricular activities, fostering active participation from both faculty and students. They also organize a games week to promote intercollegiate engagement.

The College provides facilities for directing games and social cultural occasions:

The institution provides a spacious playground for both indoor and outdoor games, supported by dedicated physical directors for student training, while also promoting active involvement in sports events.

#### Indoor games:

Carom, Chess, Table Tennis,

#### Outdoor games:

The outdoor facilities include a 200, 400, 1200 - 1200 meter athletic track and courts for a variety of sports such as basketball, volleyball, football, handball, throw ball, kabaddi, Tennikoit. and badminton, where students receive training in various events.

#### Cultural Activities

The institution organizes various social gatherings to inspire and support students, utilizing spaces like the Auditorium, Conference Hall, and seminar Hall. These venues host seminars, workshops, conferences, and cultural events, including annual functions aimed at showcasing students' talents and organizational abilities.

#### Yoga:

Yoga, celebrated annually on International Yoga Day, is recognized for its benefits in enhancing academic performance and promoting overall wellness. It encompasses teachings that nurture elements of the brain, conscience, mind, and body, catering to both male and female students.

#### Gym:

The institution provides a dedicated gym for boys, offering a range of exercises such as cycling, walking, abdominal workouts, and treadmill sessions.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	https://www.psvcet.ac.in/iqac/4.1.2_Additional_information.pdf

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

47

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	https://www.psvcet.ac.in/igac/4.1.3 Addition al information.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<u>View File</u>

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

# 4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

70

File Description	Documents
Upload any additional information	<u>View File</u>
Upload audited utilization statements	<u>View File</u>
Upload Details of budget allocation, excluding salary during the year (Data Template	<u>View File</u>

### 4.2 - Library as a Learning Resource

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

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Central Library is the hub for information services in the institute and serves as a major learning and resource center. It is a creative and innovative partner in supporting the teaching, learning, scholarship, and research activities of the institute central library is located in the Kalam building with a spacious area of 821.40sq.m comprising of underground and first floor. The library collection encompasses 29529 Books of 8225 Titles varying in subjects like Engineering, Management, Architecture & Design, Basic Science & Humanities and also includes reference books and subscribed to 147 printed journals, 15 Magazines in print, 25,179 ejournals, and 1,393 e-books. The library comprises 30 computers with internet facility at the speed of 10 Mbps, to access the e resources digitally. The library has computerized the whole spectrum of information and housekeeping operations using AutoLib Library Management Software. The bar code system is used for book circulation with biometrics bar-coded ID cards and scanners. O PAC (Online Public Access Catalogue) facility makes book searches easier with various options such as Title, Title/Author, Keyword(s), and Subject(s). The Library remains open from 9.00 A.M. to 6.00 P.M. on all working days, for all the students. Preparation for competitive examinations like GATE, IES, SSC, TNPSC, and UPSC becomes easy with the material available in this section.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for Additional Information	https://www.psvcet.ac.in/iqac/4.2.1 Addition al Information.pdf

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

File Description	Documents
Upload any additional information	<u>View File</u>
Details of subscriptions like e- journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<u>View File</u>

### 4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e-journals

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#### during the year (INR in Lakhs)

# 4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

#### 11

File Description	Documents
Any additional information	<u>View File</u>
Audited statements of accounts	<u>View File</u>
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 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

# 4.2.4.1 - Number of teachers and students using library per day over last one year

#### 21

File Description	Documents
Any additional information	<u>View File</u>
Details of library usage by teachers and students	<u>View File</u>

#### 4.3 - IT Infrastructure

### 4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

PSV College of Engineering and Technology makes key efforts to develop the IT infrastructure in the campus to fortify the students with new technologies by using which the future technocrats get chances to reach heights. The IT facilities in the campus include high-speed Internet access, Wi-Fi facilities, LCD projectors, and Desktop Computers with Scanners and Printers. The Institution ensures essential periodic maintenance and updating of the college network. Based on the budget requirements submitted by the departments, the labs are being equipped with new infrastructure by supplanting the outdated hardware. The entire campus is given Wi-Fi with a bandwidth of 100 Mbps. The college is facilitated with 582 computers out of which around 500 computers are used by the students.

The staff members make use of the computers for curricular and

co curricular activities. Almost all the computers are introduced with different, most recent software needed for scholastics purposes. All classrooms are well-furnished and ICT-enabled wherever it is necessary. There are 8 Computer Labs available in the campus. The LCD projectors are implemented with audio-visual systems. The Institution is equipped with smart classrooms and seminar halls with audio and high-speed Internet facilities. The Library is equipped with a digital login entry system to access resources like NDL, DELNET, and J-Gate which facilitates focused searching so that learners can find the right resource in minimum time. The entire campus is monitored through CCTV facility.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	https://www.psvcet.ac.in/igac/4.3.1 Addition al Information.pdf

#### 4.3.2 - Number of Computers

#### 742

File Description	Documents
Upload any additional information	<u>View File</u>
List of Computers	<u>View File</u>

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

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

#### 4.4 - Maintenance of Campus Infrastructure

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

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#### 404

File Description	Documents
Upload any additional information	<u>View File</u>
Audited statements of accounts	<u>View File</u>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<u>View File</u>

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

PSVCET prioritizes a comprehensive and structured maintenance system to ensure the upkeep of its crucial academic and support facilities. The institution adopts a systematic approach across various areas:

- 1. Infrastructure Maintenance: PSVCET emphasizes the quality and upkeep of its physical, academic, and support infrastructure through regular cleaning, preventive and corrective maintenance, and maintaining asset registers for accountability.
- 2. Facility Management: A dedicated team oversees housekeeping, garden maintenance, pest control, and campus upkeep, promptly addressing electrical, plumbing, and housekeeping issues.
- 3. Transportation and Security: PSVCET provides transportation facilities and maintains a transport committee to address related issues. In-house security guards ensure round-the-clock security.
- 4. Classroom and Sports Facility Maintenance: The physical education director ensures proper handling and maintenance of sports equipment, while classroom and laboratory readiness are checked regularly.
- 5. IT Maintenance: An IT help desk resolves hardware, software, and network issues, ensuring smooth functioning.
- 6. Library Maintenance: Regular stock verification and maintenance processes ensure proper management of library resources.
- 7. Laboratory Maintenance: Well-equipped laboratories undergo periodic servicing, calibration, and safety measures.

- 8. Preventive Maintenance: Emphasis is placed on regular checks, student instructions on equipment handling, and antivirus updates.
- 9. Breakdown Maintenance: Minor repairs are handled internally, while major repairs are outsourced with proper approval processes. PSVCET's maintenance strategy adopts a proactive approach to ensure the smooth functioning of its facilities, effectively supporting its academic mission.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	https://psvcet.ac.in/iqac/4.4.2 Additional I nformation.pdf

#### STUDENT SUPPORT AND PROGRESSION

- **5.1 Student Support**
- 5.1.1 Number of students benefited by scholarships and free ships provided by the Government during the year
- 5.1.1.1 Number of students benefited by scholarships and free ships provided by the Government during the year

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<u>View File</u>
Upload any additional information	<u>View File</u>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<u>View File</u>

- 5.1.2 Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year
- 5.1.2.1 Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

#### 41

File Description	Documents
Upload any additional information	<u>View File</u>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<u>View File</u>

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

A. All of the above

File Description	Documents
Link to Institutional website	https://psvcet.ac.in/iqac/5.1.3 ADDITIONAL I  NFORMATION.pdf
Any additional information	<u>View File</u>
Details of capability building and skills enhancement initiatives (Data Template)	<u>View File</u>

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

318

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

File Description	Documents
Any additional information	<u>View File</u>
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 has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

#### A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<u>View File</u>
Upload any additional information	<u>View File</u>
Details of student grievances including sexual harassment and ragging cases	<u>View File</u>

#### 5.2 - Student Progression

#### 5.2.1 - Number of placement of outgoing students during the year

#### 5.2.1.1 - Number of outgoing students placed during the year

205

File Description	Documents
Self-attested list of students placed	<u>View File</u>
Upload any additional information	<u>View File</u>
Details of student placement during the year (Data Template)	<u>View File</u>

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

#### 5.2.2.1 - Number of outgoing student progression to higher education

File Description	Documents
Upload supporting data for student/alumni	<u>View File</u>
Any additional information	<u>View File</u>
Details of student progression to higher education	<u>View File</u>

- 5.2.3 Number of students qualifying in state/national/international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)
- 5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

6

File Description	Documents
Upload supporting data for the same	<u>View File</u>
Any additional information	<u>View File</u>
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<u>View File</u>

#### 5.3 - Student Participation and Activities

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

File Description	Documents
e-copies of award letters and certificates	<u>View File</u>
Any additional information	<u>View File</u>
Number of awards/medals for outstanding performance in sports/cultural activities at univer sity/state/national/international level (During the year) (Data Template)	<u>View File</u>

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

PSVCET created different committees and Clubs for the involvement of the students in academic, co-curricular & extracurricular activities. These committees and clubs help students in planning, organization, analysis, estimation & Execution

Class Committee Meeting -CCM focuses to improve academic performance in academics and solve the students' issues regarding classes.

YRC, NSS & NCC - Our College inculcates social values and responsibility to the students by involving them in extension activities.

Women's Empowerment Cell - WEC aims to Empower girl students and faculty and enhance their understanding of issues related to women.

Anti Ragging, Grievance Redressal, Students Counseling Committee, and AntiSexual Harassment Cell - The cell has been constituted for the redressal of the problems reported by the Student to the head of the institution.

Training and Placement Cell CGC - The full-grown of our college constantly monitors the employment opportunities available in various domains and arranges campus interviews for the eligible students with this cell.

Fine Arts, Sports - Fine arts and sports cells provide training to the students and they motivate the students to participate in various events.

IIIC, IIC & IPR: TheCells develop the student's industrial

relationship in various methods of internship, industrial visits, and industrial project training.

SC/ST Cell - The cell will solve students' issues in their scholarships and other matters.

Feedback Review Committee: This committee will collect feedback from staff and students regards the syllabus and curriculum.

File Description	Documents
Paste link for additional information	https://www.psvcet.ac.in/iqac/5.3.2_Additional_information.pdf
Upload any additional information	<u>View File</u>

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

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

13

File Description	Documents
Report of the event	<u>View File</u>
Upload any additional information	<u>View File</u>
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<u>View File</u>

#### 5.4 - Alumni Engagement

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

The PSVCET Alumni Association, Krishnagiri serves as a focal point for alumni involvement and institutional advancement. Through conferences, forums, and meetings, it facilitates knowledge sharing among alumni, scholars, and faculty. With a focus onimproving student placement, the association hosts regular Alumni Days to

reconnect alumni, offer career advice, and facilitate networking. It also supports alumni chapters, with Alumni Fellows driving their success and that of Alumni Day.

#### VISION OF ALUMNI ASSOCIATION

To establish an explosively connected PSVCET Alumni Association Krishnagiri to act as a ground among the scholars, operation, staff, and alumni of PSV College of Engineering and Technology for collective benefit and community

To make better commerce through the operation of strengths and coffers of alumni, pupils, and staff to ameliorate the quality of PSV College of Engineering and Technology

To act as a forum for the exchange of information among its members and to act as a fine link between the old scholars and the council

To laboriously work for the relationship among the alumni for their career growth and support in their new adventure of progress

#### MISSION OF ALUMNI ASSOCIATION

To advance PSV College of Engineering and Technology by promoting alumni connections, fostering commitment among scholars, and enabling pupil-alumni relations. This charge is brought to life through events and programs such as; Conducting Mock interviews for scholars Helping alumni with Institute- related conditioning Furnishing job gate for alumni Encouraging giving back by alumni Lectures, auspices, mentoring, externships, placement Holding alumni reunions

File Description	Documents
Paste link for additional information	https://psvcet.ac.in/iqac/5.4.1_Additional_i nformation.pdf
Upload any additional information	<u>View File</u>

## 5.4.2 - Alumni contribution during the year B. 4 Lakhs - 5Lakhs (INR in 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 and in tune with the vision and mission of the institution

Our Institution always aims to be a leading Institution in educating engineer to imbibe with managerial skills and ethical values. So as to offer a significant contribution to the society.

#### Vision:

To be recognized at national level for quality technical education with ethics supported by research leading to produce innovative, entrepreneurial, and successful engineers.

#### Mission:

- To provide state of the art education with strong engineering basics and managerial skills.
- To develop students with good engineering skills for designing and developing solutions to cater the need of industries and society.
- To develop the institute as a hub, working constantly in chase of brilliance in engineering education, research and technology transfer to the industries and society at a large.
- To inculcate qualities required for becoming a good entrepreneur.

#### Quality Policy

P.S.V College of Engineering and Technology is committed to provide quality education to the students enabling them to excel in the fields of Science, Engineering, Technology and Management to cater to the changing and challenging needs of society and industry.

Our institute prioritizes transparency, inclusive governance, and devolution, focusing on stakeholders' perspectives. Its mission is to develop students into productive citizens through interactive learning, fostering socio-economic development through job creation and exposing them to real-world environments.

File Description	Documents
Paste link for additional information	https://psvcet.ac.in/iqac/criteria-6/6.1.1_S
Upload any additional information	<u>View File</u>

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

EXTENSIVE DELEGATION OF AUTHORITY TO THE HEADS AND FACULTIES OF THE VARIOUS DEPARTMENTS IN THE COLLEGE.

P.S.V College of Engineering and Technology has had a strong belief in decentralization of allocating responsibilities to all sections of the staff and the students. By delegating responsibility to the majority section of the staff and the students, it is possible to get collective ideas from them for the welfare of the college. Various committees have been constituted allowing the HoDs, the faculties, and the students to participate in all the activities of various committees in the Institution.

Complete Academic freedom has been given to the department HoD for the development of the Department and hence college. HoDs are given powers to make independent decisions regarding all academic matters right from the academic calendar, organizing various student-centric programs, and monitoring and evaluating TeachingLearning processes. At the beginning of each academic year, HoD prepares the budget for the department considering all aspects and submits it to the Principal. HoD decides on the nature, pattern, and duration of special and remedial classes for the students of his department. Delegating responsibilities to the members allows them more involvement in the activities in the college and a conducive atmosphere will prevail in the college.

File Description	Documents
Paste link for additional information	https://www.psvcet.ac.in/igac/6.1.2_Decentra lization_Participative_management.pdf
Upload any additional information	<u>View File</u>

#### 6.2 - Strategy Development and Deployment

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#### 6.2.1 - The institutional Strategic/perspective plan is effectively deployed

The Institution has a perspective plan based on the vision and mission of the college for a period of five years from 2021 to 2026. The Institution has provided with eminent knowledgeable faculty, and they workon its strategic plan to achieve the goal. Well-equipped laboratories, and computer centers, and provides sources for research such as the library, computer provision, etc.

Internal Quality Assurance Cell (IQAC) should be a fragment of the institution's system and work towards apprehending the goals of quality enrichment and nourishment. This is made possible with the help of perspective /strategic plans that outlinethe necessary actions to be taken and develop.

The Institution has plans for the development of a Strategic /perspective plan for the period from 2021-2026

- 1. To improve university ranking.
- 2. To receive institutional awards
- 3. To Increase R & D work.
- 4. To sign MoUs with Foreign Industries.
- 5. To participate in Institutional Surveys and get ranking conducted by Government and Non-Government agencies.
- 6. To Increase Entrepreneurial Awareness activities.
- 7. To start incubation centers in various departments.
- 8. To establish a Centre of Excellence in each department.
- 9. To establish industry-supported labs.
- 10. To receive funds from government and non-government agencies.
- 11. To take initiatives for Patent filling.
- 12. To get NIRF ranking.

File Description	Documents
Strategic Plan and deployment documents on the website	<u>View File</u>
Paste link for additional information	https://www.psvcet.ac.in/igac/6.2.1_Additional_information.pdf
Upload any additional information	<u>View File</u>

- 6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.
- P.S.V College of Engineering and Technology is committed to

providing quality education to the students enabling them to excel in the fields of Science, Engineering, Technology, and Management to cater to the changing and challenging needs of society and industry.

The Governing Council meets every year, reviews the academic and administrative issues and progress, and provides guidance and measures to maintain a high standard of education and further developments Sub-Committees - of the Institute are in full activation for effective administration which coordinates the administrative and academic affairs. The statutory

Sub-Committees comprising representatives from all stakeholders viz., Governing Council, IQAC, Finance Committee, Department Advisory Committee, Planning & Monitoring Committee, Grievance Redressal Committee, Anti Ragging Committee, Anti Ragging Squad Committee, Staff Selection Committee, and Sexual harassment committee, etc., have been formed and they involve in the Institute's routine affairs and thereby effective administration is ensured.

#### Administrative Set-Up:

The chairman- of the institute is responsible for the following functions of the institute

- Visionary
- Regulations
- Leadership
- Development

Principal Reporting only to the top Management of the institute and assisting them in the following functions of the institute.

- Regulation / Monitoring
- Development
- Leadership
- Visionary

#### Head of the Department

The Heads of the Departments are responsible for planning, designing, monitoring, leading, and controlling the activities of the department to ensure the achievement of the highest standards.

All other stakeholders of the Institution strive for the smooth and efficient functioning of the Institution.

File Description	Documents
Paste link for additional information	https://www.psvcet.ac.in/iqac/6.2.2 POLICY DOCUMENT.pdf
Link to Organogram of the institution webpage	https://psvcet.ac.in/iqac/criteria-6/6.2.2_0 rganogram_PSV.pdf
Upload any additional information	<u>View File</u>

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

#### A. All of the above

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

#### 6.3 - Faculty Empowerment Strategies

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

The institution thrives to enhance the competency of teaching and non-teaching staff members by providing well-defined welfare measures, which helps to retain eminent teaching professionals.

Providing On-Duty and financial support to the teaching and nonteaching staff for attending the Faculty Development Program, attending seminars, workshops, conferences, and orientation programs.

Recognizing and awarding good performers during the Annual Day celebration.

Measures taken by the institution to attract and retain eminent faculty

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The institution always recognizes and retains talented faculty members with the following attractive Measures for a better career prospectus.

- 1. Fifteen days' vacation for teaching and non-teaching staff
- 2. Maximum 25 days on duty per year for faculty members.
- 3. 12 days Casual Leave per year.
- 4. One week of wedding leave (Adjusted in Vacation).
- 5. Free transportation
- 6. Compensation Leave for faculties who work on non-working days and general holidays.
- 7. One-hour permission for emergency purpose in a month
- 8. On duty for Ph.D. work.
- 9. The institute provides EPF Scheme to its entire non-teaching staff.

File Description	Documents
Paste link for additional information	https://www.psvcet.ac.in/igac/6.3.1_Additional_information.pdf
Upload any additional information	<u>View File</u>

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

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 programs organized by the institution for teaching and non-teaching staff during the year
- 6.3.3.1 Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

6

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	<u>View File</u>
Reports of Academic Staff College or similar centers	<u>View File</u>
Upload any additional information	<u>View File</u>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<u>View File</u>

- 6.3.4 Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)
- 6.3.4.1 Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

File Description	Documents
IQAC report summary	<u>View File</u>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	<u>View File</u>
Upload any additional information	<u>View File</u>
Details of teachers attending professional development programmes during the year (Data Template)	<u>View File</u>

#### 6.3.5 - Institutions Performance Appraisal System for teaching and non-teaching staff

The Institute has designed a Performance Appraisal System for the career development of faculty. This may be a valuable process for both the institute and the faculty, as it provides the areas that need to be improved. It helps both faculty and administration to define strategies for improvement. The faculty evaluation form includes their contribution to the teaching-learning process, research and consultancy, administration, and service.

#### Research:

- Journal Publication of technical papers.
- Publications of books.
- Guided projects.
- Ph.D. completed.
- Conference papers oral presentations in reputed conferences. (National / International)

#### Department and Institutional Development

- Faculty contribution for the development of the department and Institution.
- Faculty roles and responsibilities in the department work.
- Faculty advisor/ Class advisor.
- IQAC coordinator.
- Members in department/ Institution level committees.

#### Administration and Service

- Mentor effectiveness.
- Seminar, Workshop, National, and International Conference or Value Added Program organized.
- Administration and outreach activities.

File Description	Documents
Paste link for additional information	https://www.psvcet.ac.in/iqac/6.3.5_Supporting_document.pdf
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 Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The P.S.V College of Engineering and Technology has established a mechanism for conducting internal and external audits on the financial transactions every year to ensure financial observance. Internal audit is conducted yearly twice by the internal financial committee of the institution. The committee thoroughly verifies and submits Internal Audit report to the management of the institution through the principal.

External audit is conducted once in every year by an external auditor. Before the commencement of every financial year, the principal submits a proposal on budget allocation, by considering the recommendations made by the heads of all the departments, to the management.

The expenses will be monitored by the accounts department as per the budget allocated by the management. The auditor ensures that all payments are duly authorized after the audit, the report is sent to the management for review. Any queries in the process of audit would be attended immediately along with the supporting documents within the prescribed time limits.

All these mechanisms exhibit the transparency being maintained in

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financial matters and adherence to financial discipline to avoid defalcation of funds or properties of the institution at all levels. The audited statement is duly signed by the authorities of the management and chartered accountant.

File Description	Documents
Paste link for additional information	https://psvcet.ac.in/iqac/6.4.1 ADDITIONAL I  NFORMATION.pdf
Upload any additional information	<u>View File</u>

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

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

#### 120500

File Description	Documents
Annual statements of accounts	<u>View File</u>
Any additional information	<u>View File</u>
Details of Funds / Grants received from of the non- government bodies, individuals, Philanthropers during the year (Data Template)	<u>View File</u>

#### 6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

P.S.V College of Engineering and Technology follows the AICTE norms for student admissions. The fees collected are deposited in public sector banks and utilized for the college's development, recurring expenses, and infrastructure improvements. They also avail term loans and hire purchase loans for infrastructural facilities and equipment. The institution receives grants and sponsorships from AICTE, other organizations, and funding agencies to support research activities, innovation, and various events. The college also benefits from government subsidies, industry sponsorships, and corpus funds allocated by the St. Joan's Educational Trust for its growth and development.

A comprehensive budget is prepared prior to the academic year, covering operational, administrative, and maintenance expenses. The

finance advisor reviews these expenditures. The budget includes staff salaries, academic activities, and bank interest payments. Bank loans and donations from benefactors are efficiently utilized for college infrastructure development. The institution ensures proper funding for maintaining high-quality infrastructure and allocates resources for social service activities as part of its social responsibility.

File Description	Documents
Paste link for additional information	https://www.psvcet.ac.in/iqac/6.4.3_Additional_info.pdf
Upload any additional information	<u>View File</u>

#### 6.5 - Internal Quality Assurance System

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

The Internal Quality Assurance Cell (IQAC) plays a crucial role in ensuring and enhancing the quality of higher education institutions. IQAC is primarily responsible for developing and maintaining quality benchmarks in various academic and administrative activities of the institution. It assists in the preparation of the Self-Study Report (SSR) for accreditation purposes. IQAC ensures that the institution meets the criteria set by accreditation bodies and facilitates the accreditation process. It promotes a culture of continuous improvement by regularly assessing the functioning of the institution and suggesting measures for enhancement. IQAC acts as a catalyst for the overall development and improvement of higher education institutions, aiming to provide quality education and foster excellence in all its endeavors.

The objective of the cell is to develop a system of conscious and consistent improvement in the overall performance of the Institution at all levels, with the involvement of all stakeholders towards quality enhancement, through internalization of quality culture and institutionalization of best practices.

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File Description	Documents
Paste link for additional information	https://www.psvcet.ac.in/iqac/6.5.1_Additional_Information.pdf
Upload any additional information	<u>View File</u>

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

The main objective of IQAC is to ensure quality assurance of academic activities and administrative works. It functions for the growth of faculty and students and provides guidelines periodically.

- 1. Introduction of value-added courses, Certificate courses & Vocational Educational Training to complement the present curriculum.
- 2. Initiating OBE through mini-projects, model making, Industrial Visits, In-plant Training, internships, etc., to enhance their knowledge level beyond their syllabus.
- 3. Promoting the usage of ICT tools, Smart Boards, and NPTEL videos for enhancing the Teaching & teaching-learning process
- 4. Guest lectures are arranged on advanced topics by Eminent Academicians and Industry experts.
- 5. Conduct quality initiative programs such as National & International Conferences, FDPs, seminars, workshops, training, and Symposiums.
- 6. Feedback from stakeholders (students, teachers, parents, and alumni) is collected corrective measures are taken.

IQAC's Contributions to effective Teaching & Learning processes are as follows:

IQAC organizes regular academic audits to ensure effective implementation of the teaching-learning process and maintenance of course files. Exams monitoring through the Academic Committee and Exam Cell Coordinator. Identifying the new processes/ delivery method and recommending the same for improving the quality. Arrangement of Remedial classes for slow learners. Soft skill

training to suit the job needs of the students. Mentor-Mentee allotments are introduced to help students overcome the challenges faced by them. MOUs are signed with leading Industries / Corporate Houses for Training & Development. action is taken on Feedback collected from the stakeholders (students, teachers, alumni, and parents).

File Description	Documents
Paste link for additional information	https://www.psvcet.ac.in/iqac/6.5.2 Addition al_information.pdf
Upload any additional information	<u>View File</u>

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://psvcet.ac.in/wp-content/uploads/2025 /01/Annual Report 2023-2024.pdf
Upload e-copies of the accreditations and certifications	<u>View File</u>
Upload any additional information	<u>View File</u>
Upload details of Quality assurance initiatives of the institution (Data Template)	<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

PSV College of Engineering and Technology's goal is to pave the path towards a more just, equitable, and sustainable future by promoting gender equity. By investing in their education, economic opportunities, and leadership roles, we unlock their potential and contribute to a more resilient, peaceful, and prosperous future.

Hence, the identical possibility is ensured in all of the spheres of our Institution for each gender in phrases of admission, employment, training, placement, sports activities, cultural sports, etc.

Gender Sensitization - Gender sensitization aims to create a more equal and just society where individuals are not discriminated against based on their gender.

Women Empowerment Cell conducts an awareness program on common gynecology and menstrual problems and conducts workshops on self-defense program for girl students.

A well-set-up mentoring system is a critical platform in our institution wherein the affected person's problems are effectively tackled.

Student Council - Surveillance of the campus and hostel is done by CCTV cameras established at all junctions.

File Description	Documents
Annual gender sensitization action plan	https://psvcet.ac.in/iqac/7.1.1_Annual_gende r_sensitization_action_plan.pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://psvcet.ac.in/igac/7.1.1 Any other re levant_information.pdf

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

A. 4 or All of the above

#### power efficient equipment

File Description	Documents
Geo tagged 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 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

To maintain the campus clean, the institution is constantly taking steps to manage degradable and non-degradable waste, For Solid Waste Management, different containers are used for disposing of different types of waste like Plastic Waste, Glass Waste, and Paper Waste. Housekeeping staff clean and dispose of the wastes which are generated in classrooms and inside the campus. Maintenance Staff are appointed to monitor the waste that is generated. Once the container is filled the wastes are collected by the municipality. To prevent the spread of infectious diseases, Biomedical waste like lancet collection, disposable syringes, diagnostic samples, blood, and chemicals are disposed of with the help of P.S.V Multispecialty Hospital.

Liquid Waste Management effectively improves water usage. Liquid waste generated from washrooms is directed to the septic tank. Waste water from the kitchen, and washbasin, is used for gardening purposes in the Hostel whereas in labs the waters without a mixture of chemicals are being transported to the underground pipes for the increase of groundwater level. Wastewater from the RO process is collected through pipes and used for gardening

Fewer amounts of E-waste are being generated inour campus because the computers, printers, CCTV cameras, cables, and scanners are often serviced and reused. The broken and nonreusable E-waste is stored in a separate room and disposed of off to the vendors. Useful parts of electronic gadgets like resistors, capacitors, inductors, transistors, thermostats, etc. have been removed from the gadgets for reuse in practical labs.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	<u>View File</u>
Geo tagged photographs of the facilities	<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
Geo tagged 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
Geo tagged 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 are regularly undertaken by the institution

## 7.1.6.1 - The institutional environment and energy initiatives are confirmed through the

A. Any 4 or all of the above

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<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 disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading material, screen reading

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	<u>View File</u>
Policy documents and information brochures on the support to be provided	<u>View File</u>
Details of the Software procured for providing the 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 socioeconomic and other diversities (within 200 words).
- P.S.V College of Engineering and Technology is proactively making

efforts to provide an inclusive environment for everyone with tolerance and harmony towards Cultural, regional, linguistic, communal socioeconomic, and other diversities.

#### Maintaining Racial and Religious Harmony:

Anti-ragging Cell acts as a key factor in maintaining tolerance and harmony among students. The student representatives of various Clubs and Committees promote harmony and tolerance among students to get sensitized to pluralism and evolve as socially responsible citizens.

#### Equal Opportunity in Programme and Activities:

Equal opportunities are provided to the students in various activities conducted throughout the session irrespective of their caste, creed, and religion. The institution has Youth Red Cross, NCC, and NSS to inculcate a sense of unity, discipline, and harmony. To promote a sense of gender equality, many mixed-team sports events are organized. The girls are also encouraged to be a part of the NCC. Sports, cultural, and technical activities are organized inside the college to promote harmony towards each other.

#### Celebrations and Events:

The Institution celebrates regional and national festivals and birth anniversaries of national heroes and leaders through cultural programs and talk sessions. Commemorative days like International Mother Language day, International Yoga, Pongal Festival, Sports Day, college Annual Day and so on college. A dedicated Yoga department functions on campus to promote the overall well-being of women on campus - including students and faculty. All this establishes positive interaction among people of different racial and cultural backgrounds.

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

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

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The efforts undertaken by P.S.V College of Engineering and Technology to develop its students into better citizens of the country are commendable. By integrating topics such as cybercrime awareness, traffic rules, organ donation, and rights and responsibilities of voters into their curriculum and extracurricular activities, the institute ensures that students are not only equipped with professional legal education but also imbued with a sense of civic duty and social responsibility.

By educating the students on Cyber security we educate the students to navigate the complexities of online interactions by promoting a safe and secure digital environment.

Traffic Rules awareness helps to know the consequences of disobeying traffic rules and advocating for practices such as wearing helmets, the institute promotes responsible behavior on the roads.

The initiatives around organ donation help the students in encouraging participation in organ and blood donation. PSV College contributes to the betterment of society by addressing critical healthcare needs.

To educate the students ontheir rights and responsibilities as voters, we organized a Voters Day awareness program which helpstoplay an active role in shaping the future of their community and country.

Overall, the various activities and programs conducted by PSV College of Engineering and Technology demonstrate its commitment to holistic education and the development of socially conscious individuals who are not only proficient in their chosen fields but also actively contribute to the welfare of society.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://psvcet.ac.in/iqac/7.1.9 Details of a ctivities.pdf
Any other relevant information	https://psvcet.ac.in/iqac/7.1.9 Additional info.pdf

7.1.10 - The Institution has a prescribed code A. All of the above of conduct for students, teachers, administrators and other staff and conducts

periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff
4. Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Code of ethics policy document	<u>View File</u>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<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

PSVCET enthusiastically arranges various national and international commemorative events and festivals. These occasions bring students together to celebrate and enhance their character through the programs held on such days. These initiatives serve as a reminder of the exceptional contributions of esteemed scholars to our nation. The primary objective of these celebrations is to pay homage to these figures and instill their noble principles in students. Moreover, these festivities offer a sense of joy, relaxation, and an opportunity for bonding among students. They also provide a platform for students to express their values and aspirations for the future. By participating in these celebrations, students gain a deeper understanding of cultural traditions, characteristics, and the significance of such events. Therefore, our management places great emphasis on commemorating the anniversaries of renowned personalities in the presence of students and faculty to foster a spirit of service. The following commemorative days organized during the Academic Year 2023-2024exemplify this commitment.

- 1. International Yoga Day
- 2. National Technology Day

- 3. National Youth Day
- 4. National Education Day
- 5. Engineer's Day
- 6. Teacher's Day
- 7. National Sports Day
- 8. World Environment Day

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<u>View File</u>
Geo tagged photographs of some of the events	<u>View File</u>
Any other relevant information	<u>View File</u>

#### 7.2 - Best Practices

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

Institutional Best Practice: 1

• Awareness Program Through ''NCC, YRC, NSS"

The institution has demonstrated exceptional commitment to societal well-being and student development through its awareness programs and extension activities conducted by NCC, YRC, and NSS during 2023-2024. These initiatives addressed critical issues such as health, nutrition, road safety, and environmental conservation. Events like International Yoga Day, Anti-Drug Awareness campaigns, and rallies for environmental and helmet awareness engaged both students and the community, fostering holistic development. Collaborative efforts with local hospitals, government bodies, and community stakeholders ensured resource optimization and expert involvement. Programs such as the Millets Awareness Campaign and multilingual sessions promoted inclusivity and sustainability, reflecting the institution's dedication to diverse audiences. Students were empowered to take active leadership roles, enhancing their organizational skills and civic responsibility. Activities like blood donation camps and first-aid training highlighted the

institution's focus on life-saving measures and social service. These best practices showcase the institution as a model of impactful and responsible education.

#### Institutional Best Practice: 2

• Pre Placement training for "Final year students"

A pre-training program for final-year students provides specialized preparation and skill enrichment ahead of graduation. Designed to align academic knowledge with industry demands, it empowers students with practical skills, career insights, and preparedness for the professional realm. This initiative facilitates a seamless transition from academic studies to the workforce, fostering career readiness.

File Description	Documents
Best practices in the Institutional website	https://www.psvcet.ac.in/iqac/7.2_Institutio n_best_practices.pdf
Any other relevant information	https://www.psvcet.ac.in/iqac/7.2 Institutio n best practices.pdf

#### 7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

P.S.V College of Engineering and Technology is committed to usher in socio - economic transformation by providing inclusive innovative quality education of national standards to fully meet the expectations of the stakeholders. The institution has given added thrust to reach out the local community, nearby school students and to imparting skills among students during 2023-24.

#### Salient features of Institute:

Our college is situated in rural area, hence, students avail
the opportunity to contribute towards the society and improve
their understanding through participation. Through NCC unit
and NSS units, our college organizes a number of academic and
nonacademic activities for the benefit of the villagers.

- Made students readily acceptable to the corporate world and promote entrepreneurship through committed training and placement cell. Institute provided students prerequisite training through with four external trainers (Innovative Academic centre) for building and developing competencies for the placement.
- Everyday slip test is conducted to students to improve their academic performance.
- Disciplinary committee is functioning to look into the in disciplinary acts & ragging. Internal complaint committee has established for anti sexual harassment.
- Mentors are allocated to the students to give counseling in their academic, personal problems and create fearless environment.
- Enriched library with new reference books/ journal/periodicals /e-resources
- Our Faculty members pursue online courses NPTEL, interactive videos, and animations related to their filed from reputed global institutions.
- The institution has a well-established Career Counseling & Placement Cell that helps students improve their skills and uplift them by providing more placement opportunities.

#### Part B

#### **CURRICULAR ASPECTS**

#### 1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

PSVCET adheres to the Anna University-recommended course. The Institution follows outcome-based education to offer the curriculum. In addition, every course's teaching and learning procedures are designed to thrive at the highest caliber. The core values of all students-innovation, creativity, ethics, and commitment, social responsibility, lifelong learning, consistency, interdisciplinary thinking, and contribution to national and global development—are well planned and executed by PSVCET. The institution's vision and mission are to achieve excellence in technical education and multidisciplinary education. To this end, all students are offered open elective courses, value-added courses, or certificate courses each semester. As per the AICTE approval, we increased the intake of B.E-CSE and B.Tech -Information Technology intake from 60 to 90.

The timetable and course plan were prepared by the consent department coordinator discussed with the head of the department and approval was given by the principal to follow the scheduling of classes. Yearly three Class Committee Meetings and two Department Advisory Meetings will be conducted to ensure effective curriculum delivery and to collect feedback from stakeholders. As per the Principal addressed in the IQAC Meeting, the Class Records should be completed and ensure the students get good scores in university examinations and a Course End Survey will be collected from the students to analyze each subject how they performed in their University Examinations.

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Link for Additional information	https://www.psvcet.ac.in/iqac/1.1.1_Effect ive_Curriculum.pdf

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

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The institute academic calendar draft is prepared by the IQAC as per the university guidelines, which are placed in HOD meetings with the principal, to discuss and approve the Academic Calendar. Any suggestions or feedback regarding the calendar are communicated by the faculty members and staff to the principal's office, and the same are incorporated, if necessary, after due deliberations with the IQAC. Thereafter, the final version of the academic calendar is published and circulated. the In Charge of each department will prepare the timetable following the guidelines of the respective statutory bodies, counting the number of credit hours for each subject and displaying it on the respective department notice boards. The academic committee ensures the firm implementation of the academic calendar by monitoring daily activities and it periodically reviews the gaps found in the implementation of planned activities. Before commencing the internal examinations, question papers are scrutinized by the Technical Expert Committee, and the exams are held continuously as per schedule. The marks secured by the students are entered into the Anna University web portal. The academic calendar accommodates the following major activities: The beginning and end dates of semesters The schedule of cocurricular and extracurricular activities The schedule of all examinations The syllabus completion dates for IAT-I, IAT-II, and IAT-III Internal Assessment Dates Mentor-Mentees Meeting Schedule Class Committee and Department Advisory Committee Meeting dates A tentative period of practical and theoretical examinations.

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Link for Additional information	https://psvcet.ac.in/iqac/1.1.2 Additional information.pdf

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

B. Any 3 of the above

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

#### 1.2 - Academic Flexibility

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

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

12

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

#### 1.2.2 - Number of Add on /Certificate programs offered during the year

## 1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

20

File Description	Documents
Any additional information	<u>View File</u>
Brochure or any other document relating to Add on /Certificate programs	<u>View File</u>
List of Add on /Certificate programs (Data Template )	<u>View File</u>

## 1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

File Description	Documents
Any additional information	<u>View File</u>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<u>View File</u>

#### 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

We have faith in giving a healthy ambiance to all our students. The cross-cutting issues like gender, environmental sustainability, human rights, professional ethics, etc., find plenty of space when it comes to applying them positively to the curriculum. The curriculum is framed by the University and it does include many of these aspects in the curriculum for previous regulations. Now professional ethics, human values, environmental science and engineering subjects are included as a part of the curriculum.

#### Gender sensitization:

The institution ensures the exertion of similar efforts in molding student character and caliber irrespective of their gender. The active women's empowerment cell would attend to the issues faced by the female students in academia and personally.

#### Environment and sustainability:

The Institution has made efforts to raise awareness on environmental issues and their sustainability to society through extension activities by NSS and YRC.

#### Human values:

Our institution is very concerned with inculcating such values in the minds of young engineers and management professionals. Our institution is encouraging group activities that encourage the students to learn the value of human beings and harmony towards growth of the society.

#### Professional ethics:

Developing professional ethics and human rights will certainly

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improve one's ability and judgment and refine one behavioral decision and actions in performing the duties in the family, organization, and to the society.

File Description	Documents
Any additional information	<u>View File</u>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<u>View File</u>

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

49

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

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

1207

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

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#### 1.4 - Feedback System

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

#### A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://psvcet.ac.in/iqac/1.4.2 feedback a nalysis_report.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<u>View File</u>
Any additional information	<u>View File</u>

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

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

File Description	Documents
Upload any additional information	<u>View File</u>
URL for feedback report	https://psvcet.ac.in/iqac/1.4.2 feedback a nalysis report.pdf

#### TEACHING-LEARNING AND EVALUATION

#### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Enrolment Number Number of students admitted during the year

#### 2.1.1.1 - Number of students admitted during the year

561

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 seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

#### 2.1.2.1 - Number of actual students admitted from the reserved categories during the year

561

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 the learning levels of the students and organizes special Programmes for advanced learners and slow learners

In the Academic Year 2023-2024 PSVCET,

- 1. To understand the engineering curriculum and ecosystem of the institution many induction programs are organized for first-year students by the management and faculty members of the institution.
- 2. The learning levels of the students are assessed by the institution based on their studies through slip tests and internal assessment tests (IAT).
- 3. Based on the student's performance in slip tests and IAT I, they are categorized as slow learners and advanced learners. Slow learners are those who secured less than 50% of marks in the IAT I and Slip tests.
- 4. Advanced learners are those who secured more than 50% of marks in the IAT I and Slip tests.

Special programs organized for slow learners:

- 1. Coaching class and retest
- 2. Communication skills
- 3. Special coaching for arrear
- 4. Parents-faculty meetings

- 5. Simplified course materials
- 6. Motivational programs

Special programs for advanced learners:

- 1. MAP (make a product) practice
- 2. Funding for projects
- Participation in corporate contests
- 4. Technical club events and professional society linkages
- 5. Guidance program for competitive exams
- 6. Participation in Digital library
- 7. Participate in technical events
- 8. Counseling for improving the performance
- 9. Incubation Centres

File Description	Documents
Paste link for additional information	https://www.psvcet.ac.in/iqac/2.2.1_ADDITI ONAL_INFO.pdf
Upload any additional information	<u>View File</u>

#### 2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1456	119

File Description	Documents
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

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Student-centric teaching-learning is aware of students and their needs. It focuses on the instruction, which is shifted from the teacher to the students with the end goal of developing autonomous and independent students by placing the responsibility of learning in the hands of the students. Engineering and Technology has effectively applied student-centric learning to gain Outcome-Based Education (OBE) through experimental, participative, and problemsolving methodologies.

#### Experiential Learning:

The course syllabus is framed with an inbuilt lab and the topics with modern software/simulation tools. Value Added Courses of one credit are organized to upgrade the knowledge of students in emerging technologies. Project work, mini-projects, laboratory activities, project exhibitions, symposiums, and conferences are conducted to help students bring their ideas into a working prototype. The students are provided the opportunity to participate in exhibitions and to present their ideas.

#### Participative Learning:

Students are motivated to get enrolled in professional societies like ISTE, CSI, EWB, CII ICTACT, etc. They participate in various technical programs like seminars, workshops, conferences, etc. The students are encouraged to participate in co-curricular and extracurricular activities conducted by Intra College and Inter College events. The students utilize modern digital learning resources such as the National Digital Library of India, J-Gate, and Spoken Tutorial to enhance their learning experience. The students are encouraged to learn Swayam-NPTEL courses and credits earned are transferred to them.

File Description	Documents
Upload any additional information	<u>View File</u>
Link for additional information	https://www.psvcet.ac.in/igac/2.3.1 Additional Information.pdf

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

Faculty members follow the method of ICT for teaching in the classroom. Exploit of multimedia teaching aids like LCD

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projectors, classrooms with internet facilities, and systems are usually used in the classrooms. To create the best learning environment for the students the faculty members use ICT tools for teaching and learning. The institute supports, motivates, and monitors the teacher to use modern teaching aids.

#### Course Delivery Methods:

- Mini Projects
- Technical Reports
- Case Studies
- Experimental training
- Lab Experimental work
- Class Assignments
- Real-life examples
- Individual Learning For independent learning of the students, registering themselves in the E- Learning platforms like SWAYAM and NPTEL is encouraged.
- Students can promote their skills by enrolling themselves in an online course for self-learning
- Experiential learning
- Practical courses are made compulsory in the curriculum and a record book is maintained in the department.
- Maintenance and Repairing activities of various lab equipment.
- Students are motivated to take up innovative projects and miniprojects
- Students can develop their careers through one month of vocational training and internship for the Final year group project gives the empirical knowledge to reach the goal.
- ICT based learning

In education, ICT is the mode to support, enhance, and optimize the delivery of information through paper presentations and publications.

To promote learning skills, students are promoted by web assignments and web-quiz. Students are given a case study to shape their presentation skills.

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

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

#### 2.3.3.1 - Number of mentors

118

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<u>View File</u>
Circulars pertaining to assigning mentors to mentees	<u>View File</u>
Mentor/mentee ratio	<u>View File</u>

#### 2.4 - Teacher Profile and Quality

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

119

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<u>View File</u>
Any additional information	<u>View File</u>
List of the faculty members authenticated by the Head of HEI	<u>View File</u>

### 2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

### 2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

18

File Description	Documents
Any additional information	<u>View File</u>
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	<u>View File</u>

### 2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

#### 2.4.3.1 - Total experience of full-time teachers

600

File Description	Documents
Any additional information	<u>View File</u>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<u>View File</u>

#### 2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

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The Institute is affiliated with Anna University, Chennai, and follows the exam pattern of the university. Based on the slip test (ST) Internal Assessment Test (IAT) and Model Exam (ME) continuous evaluation is done. Slip Tests are conducted after the completion of 1/2 Unit. Internal Assessment Tests are conducted after the completion of two units. After completing the whole syllabus model exams are conducted. The weightage of marks secured by the students in the CIE process comprises 20% of their university grading for the 2017 regulation and 40% for the 2021 regulation.

The institute conducts five slip tests, 3 IAT (R-2017) / 2 IAT (R-2021), 1model exam, and one model lab at the end of every semester. Exam coordinators from each department and an internal squad with the senior faculty work together for the smooth conduction of the exams. These exams help the teachers to continuously assess the students to find their progress and toidentify slow and advanced learners. After the publication of results, a micro level department meeting will be conducted to discuss the IAT results.

The common points usually discussed in the meeting are,

- 1. Comparing with the previous year's results
- 2. Subject-wise analysis
- 3. Faculty wise analysis
- 4. Student ranking

Based on the analysis, HODs and Faculty members will finalize the appropriate recommendations to improve the performance of the students in the later exams. Feedback about the performance is given to the students along with recommendations for their improvement in the forthcoming examinations.

File Description	Documents
Any additional information	<u>View File</u>
Link for additional information	https://psvcet.ac.in/iqac/2.5.1 INDEX.pdf

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

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At the college level, an examination cell committee is constituted with the chief superintendent, other teaching faculty, and nonteaching staff as members for the smooth conduction of the end semester examination. The end-semester examination is conducted by the university. The college rigorously adheres to the guidelines of the affiliating university while conducting internals and end semester examinations.

Time table for the test is prepared well in advance and communicated to the students earlier. After the evaluation of internal assessment answer scripts, the scripts are shown to the students to check for any discrepancy or doubt in checking, and also grievances forms are submitted by the students. The course instructor will rectify the discrepancy of the students within the stipulated time. The final internal assessment marks are calculated based on attendance, marks of class tests, and assignment marks, and are uploaded on the university ERP at theend of the semester.

Any grievances related to university question papers like out of syllabus, or repeated questions during semester exams are addressed to the chief superintendent, and the same is reported to the university immediately through the center controller (University representative). After the End semester Examination results, if the student has any grievances related to the evaluation of university answer scripts, the student can apply for reevaluation/scrutiny. The university declared the result of reevaluation/scrutiny after completing the process on the university website.

File Description	Documents
Any additional information	<u>View File</u>
Link for additional information	
	https://www.psvcet.ac.in/iqac/2.5.2_Suppor
	<u>ting_Document.pdf</u>

#### 2.6 - Student Performance and Learning Outcomes

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

The Institute is affiliated to Anna University, Chennai. The Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) are clearly defined and stated in the

University Syllabus for the regulations 2017 and 2021.COs are prepared by the course instructor which aligns with the Vision and Mission statement of the department and the syllabus content.

The POs and COs are accessible in the course file developed by faculty members. While figuring with POs faculty can understand the course outcomes accordingly. POs and COs for all programs and courses suggested by the institution are shown on the institute website for referral. They are made attainable through faculty members, student attention laboratories, and student orientation programs. All the planning and execution are guided by the objectives of faculty conferences.

The program outcomes and program-specific outcomes are obtained through a syllabus that provides several courses. Each course has determined course outcomes that are related to the program outcomes and a set of performance criteria that areutilized to offer quantitative measurement of how well course outcomes are accomplished. The course outcomes are thus straightaway and quantitatively evaluated and are built to the program outcomes and programspecific outcomes.

The Course Outcomes of each course are designed to the program outcomes with a grade of focus being firmly associated (3), comparatively associated (2), and delicately associated (1). The faculty members refer to the syllabus to understand POs and COs completely before delivering to the students.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for Additional information	https://psvcet.ac.in/igac/2.6.1_CO_PO.pdf
Upload COs for all Programmes (exemplars from Glossary)	<u>View File</u>

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

In Outcome Based Education, The course is carried out by the department to identify, collect, analyze, and evaluate the data towards the achievement of Course Outcomes (COs). Attainment of POs and COsis carried over through Direct and Indirect assessment tools

Direct Assessment Tools

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- 1. The course outcomes are defined by the university and the course instructor defines the CO-PO matrix. After the CO and PO matrix, the course instructor will identify the Gap. By implementing the content beyond the syllabus, the course instructor will fill the Gap. The final CO PO matrix will be prepared after the Content beyond the syllabus.
- 2. The Internal Question Paper is prepared based on COs and BT levels.
- 3. Three Internal Assessment tests are conducted every semester as per the calendar of events prepared by the institution in line with the University regulations. Performance evaluation is based on the scheme of evaluation prepared by the courseinstructor.
- 4. COs are mapped in the internal assessment question papers. The average performance of individual students against each question and corresponding CO is calculated for direct assessment

Indirect Assessment Tools

Indirect Assessment is done by conducting a course-end survey for every course conducted under our program and for every individual student of the program.

List of Indirect Assessment tools for PO attainment

Alumni Feedback throughSurvey Questionnaire

Exit Feedback throughSurvey Questionnaire

Student Feedback about OBE

Employer feedbackthrough Survey Questionnaire

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for Additional information	https://www.psvcet.ac.in/iqac/2.6.2 CO PO  Attainment.pdf

#### 2.6.3 - Pass percentage of Students during the year

#### 2.6.3.1 - Total number of final year students who passed the university examination during

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#### the year

#### 226

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<u>View File</u>
Upload any additional information	<u>View File</u>
Paste link for the annual report	https://psvcet.ac.in/wp-content/uploads/20 25/01/Annual Report 2023-2024.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://www.psvcet.ac.in/igac/2.7.1\_SSS\_Analysis.pdf

#### RESEARCH, INNOVATIONS AND EXTENSION

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

#### 3.16

File Description	Documents
Any additional information	<u>View File</u>
e-copies of the grant award letters for sponsored research projects /endowments	<u>View File</u>
List of endowments / projects with details of grants(Data Template)	<u>View File</u>

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

4

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

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

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

5

File Description	Documents
List of research projects and funding details (Data Template)	<u>View File</u>
Any additional information	<u>View File</u>
Supporting document from Funding Agency	<u>View File</u>
Paste link to funding agency website	https://www.tanscst.tn.gov.in/

#### 3.2 - Innovation Ecosystem

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

To create an Innovative Ecosystem P.S.V College of Engineering & Technology has established The Institution's Innovation Council (IIC), an initiative of the Ministry of Education's Innovation Cell, The Research and Collaborative Cell (R&C Cell) and the Entrepreneurship Development Cell (EDC). The above cells conducted various workshops, training programs, and awareness sessions related to intellectual property rights (IPR), Entrepreneurship, and Research. The Following programs are organized to impart innovation in the minds of students, Commercio FIERA-2023, Project EXPO-2024, and XEKINA Minds Food Feast-2023. The students are motivated to participate in the Smart India Hackathon, Publish papers in journals, submitting proposals for funded projects. R&D cell aims to foresee future problems through the pursuit of technology to respond to current social demands and to contribute to the creation and development

of scientific technologies to realize an affluent society and natural environment for humanity.

At the same time, PSVCET aims to create excellent educational resources and an excellent educational environment through frontline research. The objective of EDC Cell and provide a platform for students to develop creative ideas with global recognition as well as earn money through consulting and student start-ups. Psvcet consistently contributes to the innovation ecosystem and motivates students to become entrepreneurs by providing innovative solutions to real-world problems. The college also encourages peer teaching to enhance participative learning and inculcate the habit of creation and transfer of knowledge.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	https://www.psvcet.ac.in/iqac/3.2.1_Additional_information.pdf

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

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

4

File Description	Documents
Report of the event	<u>View File</u>
Any additional information	<u>View File</u>
List of workshops/seminars during last 5 years (Data Template)	<u>View File</u>

#### 3.3 - Research Publications and Awards

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

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

18

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File Description	Documents
URL to the research page on HEI website	https://www.psvcet.ac.in/iqac/3.3.1 Add In fo Supervisor detials.pdf
List of PhD scholars and their details like name of the guide, title of thesis, year of award etc (Data Template)	<u>View File</u>
Any additional information	<u>View File</u>

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

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

35

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

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

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

136

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

#### 3.4 - Extension Activities

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

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P.S.V College of Engineering and Technology encourages staff and students to actively participate in programs involving social issues, for their holistic development. Our Institute works with the neighboring community and carries out a range of extension programs to help with the needs of the neighborhood under various schemes. National Service Scheme (NSS), Youth Red Cross (YRC) & National Cadet Corps (NCC) Students from all the departments actively participated in various programs organized through NSS, YRC & NCC unit with faculty coordinator and student volunteers are active in our institution.

The various social issues addressed by our NSS, YRC& NCC volunteers include Plastic Free Awareness Program, Clean India 2.0, Drug Awareness Program, Sapling Plantation, International Mother Language Day, National Voter Day, Yoga Awareness Programme, Puneet Sagar Abhiyan, Pledge-in Connection with Plastic Waste Management and Tree Plantation. These activities have profound positive impacts on the students and also help in developing relationships of students with the community.

File Description	Documents
Paste link for additional information	https://www.psvcet.ac.in/igac/3.4.1 Aditional Information.pdf
Upload any additional information	<u>View File</u>

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

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

1

File Description	Documents
Any additional information	<u>View File</u>
Number of awards for extension activities in last 5 year (Data Template)	<u>View File</u>
e-copy of the award letters	<u>View File</u>

### 3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS

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awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs ) during the year

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

9

File Description	Documents
Reports of the event organized	<u>View File</u>
Any additional information	<u>View File</u>
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<u>View File</u>

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

2236

File Description	Documents
Report of the event	<u>View File</u>
Any additional information	<u>View File</u>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<u>View File</u>

#### 3.5 - Collaboration

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

809

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

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

24

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<u>View File</u>
Any additional information	<u>View File</u>
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<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 equipment etc.
- P.S.V. College of Engineering and Technology, spanning 10.85 acres, adheres to the infrastructure standards set by AICTE and Anna University. It boasts 50 classrooms each classroom is equipped with projectors, facilitating enhanced academic discourse through the integration of Information and Communication Technology, seminar halls, department laboratories, an auditorium, and a library, all equipped with 100 Mbps Wi-Fi connectivity. The institution's pristine environment fosters conducive conditions for academic and career growth.

Laboratories/computing facility/drawing halls/Auditorium

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The institution houses eight computer labs with 582 computers, 500 reserved for student use. Connected via LAN or Wi-Fi, they offer fast internet (100Mbps) and various operating systems for a secure learning environment. Additionally, it provides drawing halls, seminar halls, and an auditorium. Its ICT setup includes projectors, wireless microphones, and internet access for lectures and workshops.

#### Library

The library stands as a vital learning hub within the institution, housing an extensive collection of over 28281 books covering Engineering, Technology, Management Industries, and industry related topics, as well as rare and core reference materials. It is equipped with a digital login system for easy access and boasts membership to the National Digital Library (NDL), further enhancing its resources and accessibility.

#### Other facilities

The institute provides transport, a canteen serving hygienic food, well-ventilated hostel accommodations for students and staff, a Common room for Boys and Girls, a Medical Room, and a Yoga Hall. Six RO water supply points ensure clean drinking water. The administration offers furnished office rooms, HODs' rooms, refreshment areas, and CCTV surveillance enhance campus security.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	https://www.psvcet.ac.in/iqac/4.1.1_Additional_Information.pdf

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

The college facilitates cultural, sports, and extracurricular activities, fostering active participation from both faculty and students. They also organize a games week to promote intercollegiate engagement.

The College provides facilities for directing games and social cultural occasions:

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The institution provides a spacious playground for both indoor and outdoor games, supported by dedicated physical directors for student training, while also promoting active involvement in sports events.

Indoor games:

Carom, Chess, Table Tennis,

Outdoor games:

The outdoor facilities include a 200, 400, 1200 - 1200 meter athletic track and courts for a variety of sports such as basketball, volleyball, football, handball, throw ball, kabaddi, Tennikoit. and badminton, where students receive training in various events.

Cultural Activities

The institution organizes various social gatherings to inspire and support students, utilizing spaces like the Auditorium, Conference Hall, and seminar Hall. These venues host seminars, workshops, conferences, and cultural events, including annual functions aimed at showcasing students' talents and organizational abilities.

#### Yoga:

Yoga, celebrated annually on International Yoga Day, is recognized for its benefits in enhancing academic performance and promoting overall wellness. It encompasses teachings that nurture elements of the brain, conscience, mind, and body, catering to both male and female students.

Gym:

The institution provides a dedicated gym for boys, offering a range of exercises such as cycling, walking, abdominal workouts, and treadmill sessions.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	https://www.psvcet.ac.in/igac/4.1.2_Additional_information.pdf

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

#### 47

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	https://www.psvcet.ac.in/iqac/4.1.3 Additional information.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<u>View File</u>

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

### **4.1.4.1** - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

#### 70

File Description	Documents
Upload any additional information	<u>View File</u>
Upload audited utilization statements	<u>View File</u>
Upload Details of budget allocation, excluding salary during the year (Data Template	<u>View File</u>

#### 4.2 - Library as a Learning Resource

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

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Central Library is the hub for information services in the institute and serves as a major learning and resource center. It is a creative and innovative partner in supporting the teaching, learning, scholarship, and research activities of the institute central library is located in the Kalam building with a spacious area of 821.40sq.m comprising of underground and first floor. The library collection encompasses 29529 Books of 8225 Titles varying in subjects like Engineering, Management, Architecture & Design, Basic Science & Humanities and also includes reference books and subscribed to 147 printed journals, 15 Magazines in print, 25,179 e-journals, and 1,393 e-books. The library comprises 30 computers with internet facility at the speed of 10 Mbps, to access the e resources digitally. The library has computerized the whole spectrum of information and housekeeping operations using AutoLib Library Management Software. The bar code system is used for book circulation with biometrics barcoded ID cards and scanners. O PAC (Online Public Access Catalogue) facility makes book searches easier with various options such as Title, Title/Author, Keyword(s), and Subject(s). The Library remains open from 9.00 A.M. to 6.00 P.M. on all working days, for all the students. Preparation for competitive examinations like GATE, IES, SSC, TNPSC, and UPSC becomes easy with the material available in this section.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for Additional Information	https://www.psvcet.ac.in/iqac/4.2.1 Additional Information.pdf

#### 4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership ebooks Databases Remote access toeresources

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	<u>View File</u>
Details of subscriptions like e- journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<u>View File</u>

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### 4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

### 4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

11

File Description	Documents
Any additional information	<u>View File</u>
Audited statements of accounts	<u>View File</u>
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 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

#### 4.2.4.1 - Number of teachers and students using library per day over last one year

21

File Description	Documents
Any additional information	<u>View File</u>
Details of library usage by teachers and students	<u>View File</u>

#### 4.3 - IT Infrastructure

#### 4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

PSV College of Engineering and Technology makes key efforts to develop the IT infrastructure in the campus to fortify the students with new technologies by using which the future technocrats get chances to reach heights. The IT facilities in the campus include high-speed Internet access, Wi-Fi facilities, LCD projectors, and Desktop Computers with Scanners and Printers. The Institution ensures essential periodic maintenance and updating of the college network. Based on the budget requirements submitted by the departments, the labs are being equipped with new infrastructure by supplanting the outdated hardware. The entire campus is given Wi-Fi with a bandwidth of 100 Mbps. The college is facilitated with 582 computers out of which around 500 computers are used by the students.

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The staff members make use of the computers for curricular and co curricular activities. Almost all the computers are introduced with different, most recent software needed for scholastics purposes. All classrooms are well-furnished and ICT-enabled wherever it is necessary. There are 8 Computer Labs available in the campus. The LCD projectors are implemented with audio-visual systems. The Institution is equipped with smart classrooms andseminar halls with audio and high-speed Internet facilities. The Library is equipped with a digital login entry system to access resources like NDL, DELNET, and J-Gate which facilitates focused searching so that learners can find the right resource in minimum time. The entire campus is monitored through CCTV facility.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	https://www.psvcet.ac.in/iqac/4.3.1_Additional_Information.pdf

#### 4.3.2 - Number of Computers

#### 742

File Description	Documents
Upload any additional information	<u>View File</u>
List of Computers	<u>View File</u>

### **4.3.3 - Bandwidth of internet connection in the Institution**

A.	?	50MBPS
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File Description	Documents
Upload any additional Information	<u>View File</u>
Details of available bandwidth of internet connection in the Institution	<u>View File</u>

#### 4.4 - Maintenance of Campus Infrastructure

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

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

#### 404

File Description	Documents
Upload any additional information	<u>View File</u>
Audited statements of accounts	<u>View File</u>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<u>View File</u>

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

PSVCET prioritizes a comprehensive and structured maintenance system to ensure the upkeep of its crucial academic and support facilities. The institution adopts a systematic approach across various areas:

- 1. Infrastructure Maintenance: PSVCET emphasizes the quality and upkeep of its physical, academic, and support infrastructure through regular cleaning, preventive and corrective maintenance, and maintaining asset registers for accountability.
- 2. Facility Management: A dedicated team oversees housekeeping, garden maintenance, pest control, and campus upkeep, promptly addressing electrical, plumbing, and housekeeping issues.
- 3. Transportation and Security: PSVCET provides transportation facilities and maintains a transport committee to address related issues. In-house security guards ensure round-the-clock security.
- 4. Classroom and Sports Facility Maintenance: The physical education director ensures proper handling and maintenance of sports equipment, while classroom and laboratory readiness are checked regularly.
- 5. IT Maintenance: An IT help desk resolves hardware, software, and network issues, ensuring smooth functioning.
- 6. Library Maintenance: Regular stock verification and maintenance processes ensure proper management of library

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#### resources.

- 7. Laboratory Maintenance: Well-equipped laboratories undergo periodic servicing, calibration, and safety measures.
- 8. Preventive Maintenance: Emphasis is placed on regular checks, student instructions on equipment handling, and antivirus updates.
- 9. Breakdown Maintenance: Minor repairs are handled internally, while major repairs are outsourced with proper approval processes. PSVCET's maintenance strategy adopts a proactive approach to ensure the smooth functioning of its facilities, effectively supporting its academic mission.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	https://psvcet.ac.in/igac/4.4.2_Additional _Information.pdf

#### STUDENT SUPPORT AND PROGRESSION

#### **5.1 - Student Support**

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

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

799

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<u>View File</u>
Upload any additional information	<u>View File</u>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<u>View File</u>

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- 5.1.2 Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year
- 5.1.2.1 Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

41

File Description	Documents
Upload any additional information	<u>View File</u>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<u>View File</u>

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

A. All of the above

File Description	Documents
Link to Institutional website	https://psvcet.ac.in/iqac/5.1.3 ADDITIONAL
Any additional information	<u>View File</u>
Details of capability building and skills enhancement initiatives (Data Template)	<u>View File</u>

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

318

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

318

File Description	Documents
Any additional information	<u>View File</u>
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 has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<u>View File</u>
Upload any additional information	<u>View File</u>
Details of student grievances including sexual harassment and ragging cases	<u>View File</u>

#### **5.2 - Student Progression**

#### 5.2.1 - Number of placement of outgoing students during the year

#### 5.2.1.1 - Number of outgoing students placed during the year

205

File Description	Documents
Self-attested list of students placed	<u>View File</u>
Upload any additional information	<u>View File</u>
Details of student placement during the year (Data Template)	<u>View File</u>

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

#### 5.2.2.1 - Number of outgoing student progression to higher education

5

File Description	Documents
Upload supporting data for student/alumni	<u>View File</u>
Any additional information	<u>View File</u>
Details of student progression to higher education	<u>View File</u>

- 5.2.3 Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)
- 5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

6

File Description	Documents
Upload supporting data for the same	<u>View File</u>
Any additional information	<u>View File</u>
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<u>View File</u>

#### 5.3 - Student Participation and Activities

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

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#### one) during the year

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

8

File Description	Documents
e-copies of award letters and certificates	<u>View File</u>
Any additional information	<u>View File</u>
Number of awards/medals for outstanding performance in sports/cultural activities at univ ersity/state/national/internationa l level (During the year) (Data Template)	<u>View File</u>

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

PSVCET created different committees and Clubs for the involvement of the students in academic, co-curricular & extracurricular activities. These committees and clubs help students in planning, organization, analysis, estimation & Execution

Class Committee Meeting -CCM focuses to improve academic performance in academics and solve the students' issues regarding classes.

YRC, NSS & NCC - Our College inculcates social values and responsibility to the students by involving them in extension activities.

Women's Empowerment Cell - WEC aims to Empower girl students and faculty and enhance their understanding of issues related to women.

Anti Ragging, Grievance Redressal, Students Counseling Committee, and AntiSexual Harassment Cell - The cell has been constituted for the redressal of the problems reported by the Student to the head of the institution.

Training and Placement Cell CGC - The full-grown of our college

constantly monitors the employment opportunities available in various domains and arranges campus interviews for the eligible students with this cell.

Fine Arts, Sports - Fine arts and sports cells provide training to the students and they motivate the students to participate in various events.

IIIC, IIC & IPR: TheCells develop the student's industrial relationship in various methods of internship, industrial visits, and industrial project training.

SC/ST Cell - The cell will solve students' issues in their scholarships and other matters.

Feedback Review Committee: This committee will collect feedback from staff and students regards the syllabus and curriculum.

File Description	Documents
Paste link for additional information	https://www.psvcet.ac.in/iqac/5.3.2_Additional_information.pdf
Upload any additional information	<u>View File</u>

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

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

13

File Description	Documents
Report of the event	<u>View File</u>
Upload any additional information	<u>View File</u>
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<u>View File</u>

#### 5.4 - Alumni Engagement

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

The PSVCET Alumni Association, Krishnagiri serves as a focal point for alumni involvement and institutional advancement. Through conferences, forums, and meetings, it facilitates knowledge sharing among alumni, scholars, and faculty. With a focus onimproving student placement, the association hosts regular Alumni Days to reconnect alumni, offer career advice, and facilitate networking. It also supports alumni chapters, with Alumni Fellows driving their success and that of Alumni Day.

#### VISION OF ALUMNI ASSOCIATION

To establish an explosively connected PSVCET Alumni Association Krishnagiri to act as a ground among the scholars, operation, staff, and alumni of PSV College of Engineering and Technology for collective benefit and community

To make better commerce through the operation of strengths and coffers of alumni, pupils, and staff to ameliorate the quality of PSV College of Engineering and Technology

To act as a forum for the exchange of information among its members and to act as a fine link between the old scholars and the council

To laboriously work for the relationship among the alumni for their career growth and support in their new adventure of progress

#### MISSION OF ALUMNI ASSOCIATION

To advance PSV College of Engineering and Technology by promoting alumni connections, fostering commitment among scholars, and enabling pupil-alumni relations. This charge is brought to life through events and programs such as; Conducting Mock interviews for scholars Helping alumni with Institute- related conditioning Furnishing job gate for alumni Encouraging giving back by alumni Lectures, auspices, mentoring, externships, placement Holding alumni reunions

File Description	Documents
Paste link for additional information	https://psvcet.ac.in/iqac/5.4.1_Additional_information.pdf
Upload any additional information	<u>View File</u>

### **5.4.2 - Alumni contribution during the year** (INR in Lakhs)

B.	4	Lakhs	-	5Lakhs
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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 and in tune with the vision and mission of the institution

Our Institution always aims to be a leading Institution in educating engineer to imbibe with managerial skills and ethical values. So as to offer a significant contribution to the society.

#### Vision:

To be recognized at national level for quality technical education with ethics supported by research leading to produce innovative, entrepreneurial, and successful engineers.

#### Mission:

- To provide state of the art education with strong engineering basics and managerial skills.
- To develop students with good engineering skills for designing and developing solutions to cater the need of industries and society.
- To develop the institute as a hub, working constantly in chase of brilliance in engineering education, research and technology transfer to the industries and society at a large.
- To inculcate qualities required for becoming a good entrepreneur.

#### Quality Policy

P.S.V College of Engineering and Technology is committed to provide quality education to the students enabling them to excel in the fields of Science, Engineering, Technology and Management to cater to the changing and challenging needs of society and industry.

Our institute prioritizes transparency, inclusive governance, and devolution, focusing on stakeholders' perspectives. Its mission is to develop students into productive citizens through interactive learning, fostering socio-economic development through job creation and exposing them to real-world environments.

File Description	Documents
Paste link for additional information	https://psvcet.ac.in/iqac/criteria-6/6.1.1 _SUPPORTING_DOCUMENT.pdf
Upload any additional information	<u>View File</u>

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

EXTENSIVE DELEGATION OF AUTHORITY TO THE HEADS AND FACULTIES OF THE VARIOUS DEPARTMENTS IN THE COLLEGE.

P.S.V College of Engineering and Technology has had a strong belief in decentralization of allocating responsibilities to all sections of the staff and the students. By delegating responsibility to the majority section of the staff and the students, it is possible to get collective ideas from them for the welfare of the college. Various committees have been constituted allowing the HoDs, the faculties, and the students to participate in all the activities of various committees in the Institution.

Complete Academic freedom has been given to the department HoD for the development of the Department and hence college. HoDs are given powers to make independent decisions regarding all academic matters right from the academic calendar, organizing various student-centric programs, and monitoring and evaluating TeachingLearning processes. At the beginning of each academic year, HoD prepares the budget for the department considering all

aspects and submits it to the Principal. HoD decides on the nature, pattern, and duration of special and remedial classes for the students of his department. Delegating responsibilities to the members allows them more involvement in the activities in the college and a conducive atmosphere will prevail in the college.

File Description	Documents
Paste link for additional information	https://www.psvcet.ac.in/iqac/6.1.2 Decent ralization Participative management.pdf
Upload any additional information	<u>View File</u>

#### 6.2 - Strategy Development and Deployment

#### 6.2.1 - The institutional Strategic/perspective plan is effectively deployed

The Institution has a perspective plan based on the vision and mission of the college for a period of five years from 2021 to 2026. The Institution has provided with eminent knowledgeable faculty, and they workon its strategic plan to achieve the goal. Well-equipped laboratories, and computer centers, and provides sources for research such as the library, computer provision, etc.

Internal Quality Assurance Cell (IQAC) should be a fragment of the institution's system and work towards apprehending the goals of quality enrichment and nourishment. This is made possible with the help of perspective /strategic plans that outlinethe necessary actions to be takenand develop.

The Institution has plans for the development of a Strategic /perspective plan for the period from 2021-2026

- 1. To improve university ranking.
- 2. To receive institutional awards
- 3. To Increase R & D work.
- 4. To sign MoUs with Foreign Industries.
- 5. To participate in Institutional Surveys and get ranking conducted by Government and Non-Government agencies.
- 6. To Increase Entrepreneurial Awareness activities.
- 7. To start incubation centers in various departments.
- 8. To establish a Centre of Excellence in each department.
- 9. To establish industry-supported labs.
- 10. To receive funds from government and non-government agencies.

- 11. To take initiatives for Patent filling.
- 12. To get NIRF ranking.

File Description	Documents
Strategic Plan and deployment documents on the website	<u>View File</u>
Paste link for additional information	https://www.psvcet.ac.in/iqac/6.2.1 Additional information.pdf
Upload any additional information	<u>View File</u>

- 6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.
- P.S.V College of Engineering and Technology is committed to providing quality education to the students enabling them to excel in the fields of Science, Engineering, Technology, and Management to cater to the changing and challenging needs of society and industry.

The Governing Council meets every year, reviews the academic and administrative issues and progress, and provides guidance and measures to maintain a high standard of education and further developments Sub-Committees - of the Institute are in full activation for effective administration which coordinates the administrative and academic affairs. The statutory

Sub-Committees comprising representatives from all stakeholders viz., Governing Council, IQAC, Finance Committee, Department Advisory Committee, Planning & Monitoring Committee, Grievance Redressal Committee, Anti Ragging Committee, Anti Ragging Squad Committee, Staff Selection Committee, and Sexual harassment committee, etc., have been formed and they involve in the Institute's routine affairs and thereby effective administration is ensured.

#### Administrative Set-Up:

The chairman- of the institute is responsible for the following functions of the institute

- Visionary
- Regulations
- Leadership

## • Development

Principal Reporting only to the top Management of the institute and assisting them in the following functions of the institute.

- Regulation / Monitoring
- Development
- Leadership
- Visionary

Head of the Department

The Heads of the Departments are responsible for planning, designing, monitoring, leading, and controlling the activities of the department to ensure the achievement of the highest standards.

All other stakeholders of the Institution strive for the smooth and efficient functioning of the Institution.

File Description	Documents
Paste link for additional information	https://www.psvcet.ac.in/iqac/6.2.2_POLICYDOCUMENT.pdf
Link to Organogram of the institution webpage	https://psvcet.ac.in/iqac/criteria-6/6.2.2 Organogram PSV.pdf
Upload any additional information	<u>View File</u>

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

A. All of the above

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

## 6.3 - Faculty Empowerment Strategies

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

The institution thrives to enhance the competency of teaching and non-teaching staff members by providing well-defined welfare measures, which helps to retain eminent teaching professionals.

Providing On-Duty and financial support to the teaching and nonteaching staff for attending the Faculty Development Program, attending seminars, workshops, conferences, and orientation programs.

Recognizing and awarding good performers during the Annual Day celebration.

Measures taken by the institution to attract and retain eminent faculty

The institution always recognizes and retains talented faculty members with the following attractive Measures for a better career prospectus.

- Fifteen days' vacation for teaching and non-teaching staff
- 2. Maximum 25 days on duty per year for faculty members.
- 3. 12 days Casual Leave per year.
- 4. One week of wedding leave (Adjusted in Vacation).
- 5. Free transportation
- 6. Compensation Leave for faculties who work on non-working days

and general holidays.

- 7. One-hour permission for emergency purpose in a month
- 8. On duty for Ph.D. work.
- 9. The institute provides EPF Scheme to its entire non-teaching staff.

File Description	Documents
Paste link for additional information	https://www.psvcet.ac.in/igac/6.3.1_Additional_information.pdf
Upload any additional information	<u>View File</u>

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

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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 programs organized by the institution for teaching and non-teaching staff during the year
- 6.3.3.1 Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

6

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	<u>View File</u>
Reports of Academic Staff College or similar centers	<u>View File</u>
Upload any additional information	<u>View File</u>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<u>View File</u>

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

## 6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

## 111

File Description	Documents
IQAC report summary	<u>View File</u>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	<u>View File</u>
Upload any additional information	<u>View File</u>
Details of teachers attending professional development programmes during the year (Data Template)	<u>View File</u>

## 6.3.5 - Institutions Performance Appraisal System for teaching and non-teaching staff

The Institute has designed a Performance Appraisal System for the career development of faculty. This may be a valuable process for both the institute and the faculty, as it provides the areas that need to be improved. It helps both faculty and administration to

define strategies for improvement. The faculty evaluation form includes their contribution to the teaching-learning process, research and consultancy, administration, and service.

### Research:

- Journal Publication of technical papers.
- Publications of books.
- Guided projects.
- Ph.D. completed.
- Conference papers oral presentations in reputed conferences. (National / International)

## Department and Institutional Development

- Faculty contribution for the development of the department and Institution.
- Faculty roles and responsibilities in the department work.
- Faculty advisor/ Class advisor.
- IQAC coordinator.
- Members in department/ Institution level committees.

## Administration and Service

- Mentor effectiveness.
- Seminar, Workshop, National, and International Conference or Value Added Program organized.
- Administration and outreach activities.

File Description	Documents
Paste link for additional information	https://www.psvcet.ac.in/igac/6.3.5 Supporting document.pdf
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 Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The P.S.V College of Engineering and Technology has established a mechanism for conducting internal and external audits on the financial transactions every year to ensure financial observance. Internal audit is conducted yearly twice by the internal financial committee of the institution. The committee thoroughly verifies and submits Internal Audit report to the management of the institution through the principal.

External audit is conducted once in every year by an external auditor. Before the commencement of every financial year, the principal submits a proposal on budget allocation, by considering the recommendations made by the heads of all the departments, to the management.

The expenses will be monitored by the accounts department as per the budget allocated by the management. The auditor ensures that all payments are duly authorized after the audit, the report is sent to the management for review. Any queries in the process of audit would be attended immediately along with the supporting documents within the prescribed time limits.

All these mechanisms exhibit the transparency being maintained in financial matters and adherence to financial discipline to avoid defalcation of funds or properties of the institution at all levels. The audited statement is duly signed by the authorities of the management and chartered accountant.

File Description	Documents
Paste link for additional information	https://psvcet.ac.in/iqac/6.4.1_ADDITIONAL_ _INFORMATION.pdf
Upload any additional information	<u>View File</u>

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

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## 120500

File Description	Documents
Annual statements of accounts	<u>View File</u>
Any additional information	<u>View File</u>
Details of Funds / Grants received from of the non- government bodies, individuals, Philanthropers during the year (Data Template)	<u>View File</u>

## 6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

P.S.V College of Engineering and Technology follows the AICTE norms for student admissions. The fees collected are deposited in public sector banks and utilized for the college's development, recurring expenses, and infrastructure improvements. They also avail term loans and hire purchase loans for infrastructural facilities and equipment. The institution receives grants and sponsorships from AICTE, other organizations, and funding agencies to support research activities, innovation, and various events. The college also benefits from government subsidies, industry sponsorships, and corpus funds allocated by the St. Joan's Educational Trust for its growth and development.

A comprehensive budget is prepared prior to the academic year, covering operational, administrative, and maintenance expenses. The finance advisor reviews these expenditures. The budget includes staff salaries, academic activities, and bank interest payments. Bank loans and donations from benefactors are efficiently utilized for college infrastructure development. The institution ensures proper funding for maintaining high-quality infrastructure and allocates resources for social service activities as part of its social responsibility.

File Description	Documents
Paste link for additional information	https://www.psvcet.ac.in/igac/6.4.3 Additional info.pdf
Upload any additional information	<u>View File</u>

## 6.5 - Internal Quality Assurance System

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

The Internal Quality Assurance Cell (IQAC) plays a crucial role in ensuring and enhancing the quality of higher education institutions. IQAC is primarily responsible for developing and maintaining quality benchmarks in various academic and administrative activities of the institution. It assists in the preparation of the Self-Study Report (SSR) for accreditation purposes. IQAC ensures that the institution meets the criteria set by accreditation bodies and facilitates the accreditation process. It promotes a culture of continuous improvement by regularly assessing the functioning of the institution and suggesting measures for enhancement. IQAC acts as a catalyst for the overall development and improvement of higher education institutions, aiming to provide quality education and foster excellence in all its endeavors.

The objective of the cell is to develop a system of conscious and consistent improvement in the overall performance of the Institution at all levels, with the involvement of all stakeholders towards quality enhancement, through internalization of quality culture and institutionalization of best practices.

File Description	Documents
Paste link for additional information	https://www.psvcet.ac.in/iqac/6.5.1_Additional_Information.pdf
Upload any additional information	<u>View File</u>

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

The main objective of IQAC is to ensure quality assurance of academic activities and administrative works. It functions for the growth of faculty and students and provides guidelines periodically.

- 1. Introduction of value-added courses, Certificate courses & Vocational Educational Training to complement the present curriculum.
- 2. Initiating OBE through mini-projects, model making, Industrial

Visits, In-plant Training, internships, etc., to enhance their knowledge level beyond their syllabus.

- 3. Promoting the usage of ICT tools, Smart Boards, and NPTEL videos for enhancing the Teaching & teaching-learning process
- 4. Guest lectures are arranged on advanced topics by Eminent Academicians and Industry experts.
- 5. Conduct quality initiative programs such as National & International Conferences, FDPs, seminars, workshops, training, and Symposiums.
- 6. Feedback from stakeholders (students, teachers, parents, and alumni) is collected corrective measures are taken.

IQAC's Contributions to effective Teaching & Learning processes are as follows:

IQAC organizes regular academic audits to ensure effective implementation of the teaching-learning process and maintenance of course files. Exams monitoring through the Academic Committee and Exam Cell Coordinator. Identifying the new processes/delivery method and recommending the same for improving the quality. Arrangement of Remedial classes for slow learners. Soft skill training to suit the job needs of the students. Mentor-Mentee allotments are introduced to help students overcome the challenges faced by them. MOUs are signed with leading Industries / Corporate Houses for Training & Development. action is taken on Feedback collected from the stakeholders (students, teachers, alumni, and parents).

File Description	Documents
Paste link for additional information	https://www.psvcet.ac.in/iqac/6.5.2_Additional_information.pdf
Upload any additional information	<u>View File</u>

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s)

A. All of the above

## Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

File Description	Documents
Paste web link of Annual reports of Institution	https://psvcet.ac.in/wp-content/uploads/20 25/01/Annual Report 2023-2024.pdf
Upload e-copies of the accreditations and certifications	<u>View File</u>
Upload any additional information	<u>View File</u>
Upload details of Quality assurance initiatives of the institution (Data Template)	<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

PSV College of Engineering and Technology's goal is to pave the path towards a more just, equitable, and sustainable future by promoting gender equity. By investing in their education, economic opportunities, and leadership roles, we unlock their potential and contribute to a more resilient, peaceful, and prosperous future.

Hence, the identical possibility is ensured in all of the spheres of our Institution for each gender in phrases of admission, employment, training, placement, sports activities, cultural sports, etc.

Gender Sensitization - Gender sensitization aims to create a more equal and just society where individuals are not discriminated against based on their gender.

Women Empowerment Cell conducts an awareness program on common gynecology and menstrual problems and conducts workshops on self-

defense program for girl students.

A well-set-up mentoring system is a critical platform in our institution wherein the affected person's problems are effectively tackled.

Student Council - Surveillance of the campus and hostel is done by CCTV cameras established at all junctions.

File Description	Documents
Annual gender sensitization action plan	https://psvcet.ac.in/iqac/7.1.1_Annual_gen der_sensitization_action_plan.pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://psvcet.ac.in/iqac/7.1.1 Any other relevant information.pdf

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

A. 4 or All of the above

File Description	Documents
Geo tagged 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 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

To maintain the campus clean, the institution is constantly taking steps to manage degradable and non-degradable waste, For Solid Waste Management, different containers are used for disposing of different types of waste like Plastic Waste, Glass Waste, and Paper Waste. Housekeeping staff clean and dispose of the wastes which are generated in classrooms and inside the

campus. Maintenance Staff are appointed to monitor the waste that is generated. Once the container is filled the wastes are collectedby the municipality. To prevent the spread of infectious diseases, Biomedical waste like lancet collection, disposable syringes, diagnostic samples, blood, and chemicals are disposed of with the help of P.S.V Multispecialty Hospital.

Liquid Waste Management effectively improves water usage. Liquid waste generated from washrooms is directed to the septic tank. Waste water from the kitchen, and washbasin, is used for gardening purposes in the Hostel whereas in labs the waters without a mixture of chemicals are being transported to the underground pipes for the increase of groundwater level. Wastewater from the RO process is collected through pipes and used for gardening

Fewer amounts of E-waste are being generated inour campus because the computers, printers, CCTV cameras, cables, and scanners are often serviced and reused. The broken and nonreusable E-waste is stored in a separate room and disposed of off to the vendors. Useful parts of electronic gadgets like resistors, capacitors, inductors, transistors, thermostats, etc. have been removed from the gadgets for reuse in practical labs.

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

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## 7.1.5 - Green campus initiatives include

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

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

File Description	Documents
Geo tagged photos / videos of the facilities	<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 are regularly undertaken by the institution

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

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<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 disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms

A. Any 4 or all of the above

Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading material, screen reading

File Description	Documents
Geo tagged photographs / videos of the facilities	<u>View File</u>
Policy documents and information brochures on the support to be provided	<u>View File</u>
Details of the Software procured for providing the 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 socioeconomic and other diversities (within 200 words).
- P.S.V College of Engineering and Technology is proactively making efforts to provide an inclusive environment for everyone with tolerance and harmony towards Cultural, regional, linguistic, communal socioeconomic, and other diversities.

Maintaining Racial and Religious Harmony:

Anti-ragging Cell acts as a key factor in maintaining tolerance and harmony among students. The student representatives of various Clubs and Committees promote harmony and tolerance among students to get sensitized to pluralism and evolve as socially responsible citizens.

Equal Opportunity in Programme and Activities:

Equal opportunities are provided to the students in various activities conducted throughout the session irrespective of their caste, creed, and religion. The institution has Youth Red Cross, NCC, and NSS to inculcate a sense of unity, discipline, and harmony. To promote a sense of gender equality, many mixed-team sports events are organized. The girls are also encouraged to be

a part of the NCC. Sports, cultural, and technical activities are organized inside the college to promote harmony towards each other.

## Celebrations and Events:

The Institution celebrates regional and national festivals and birth anniversaries of national heroes and leaders through cultural programs and talk sessions. Commemorative days like International Mother Language day, International Yoga, Pongal Festival, Sports Day, college Annual Day and so on college. A dedicated Yoga department functions on campus to promote the overall well-being of women on campus - including students and faculty. All this establishes positive interaction among people of different racial and cultural backgrounds.

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

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

The efforts undertaken by P.S.V College of Engineering and Technology to develop its students into better citizens of the country are commendable. By integrating topics such as cybercrime awareness, traffic rules, organ donation, and rights and responsibilities of voters into their curriculum and extracurricular activities, the institute ensures that students are not only equipped with professional legal education but also imbued with a sense of civic duty and social responsibility.

By educating the students on Cyber security we educate the students to navigate the complexities of online interactions by promoting a safe and secure digital environment.

Traffic Rules awareness helps to know the consequences of disobeying traffic rules and advocating for practices such as wearing helmets, the institute promotes responsible behavior on the roads.

The initiatives around organ donation help the students in

encouraging participation in organ and blood donation. PSV College contributes to the betterment of society by addressing critical healthcare needs.

To educate the students ontheir rights and responsibilities as voters, we organized a Voters Day awareness program which helpstoplay an active role in shaping the future of their community and country.

Overall, the various activities and programs conducted by PSV College of Engineering and Technology demonstrate its commitment to holistic education and the development of socially conscious individuals who are not only proficient in their chosen fields but also actively contribute to the welfare of society.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://psvcet.ac.in/igac/7.1.9 Details of _activities.pdf
Any other relevant information	https://psvcet.ac.in/iqac/7.1.9 Additionalinfo.pdf

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	<u>View File</u>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<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

PSVCET enthusiastically arranges various national and international commemorative events and festivals. These occasions bring students together to celebrate and enhance their character through the programs held on such days. These initiatives serve as a reminder of the exceptional contributions of esteemed scholars to our nation. The primary objective of these celebrations is to pay homage to these figures and instill their noble principles in students. Moreover, these festivities offer a sense of joy, relaxation, and an opportunity for bonding among students. They also provide a platform for students to express their values and aspirations for the future. By participating in these celebrations, students gain a deeper understanding of cultural traditions, characteristics, and the significance of such events. Therefore, our management places great emphasis on commemorating the anniversaries of renowned personalities in the presence of students and faculty to foster a spirit of service. The following commemorative days organized during the Academic Year 2023-2024exemplify this commitment.

- 1. International Yoga Day
- 2. National Technology Day
- 3. National Youth Day
- 4. National Education Day
- 5. Engineer's Day
- 6. Teacher's Day

## 7. National Sports Day

## 8. World Environment Day

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<u>View File</u>
Geo tagged photographs of some of the events	<u>View File</u>
Any other relevant information	<u>View File</u>

## 7.2 - Best Practices

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

Institutional Best Practice: 1

• Awareness Program Through ''NCC, YRC, NSS"

The institution has demonstrated exceptional commitment to societal well-being andstudent development through its awareness programs and extension activities conducted by NCC, YRC, and NSS during 2023-2024. These initiatives addressed critical issues such as health, nutrition, road safety, and environmental conservation. Events like International Yoga Day, Anti-Drug Awareness campaigns, and rallies for environmental and helmet awareness engaged both students and the community, fostering holistic development. Collaborative efforts with local hospitals, government bodies, and community stakeholders ensured resource optimization and expert involvement. Programs such as the Millets Awareness Campaign and multilingual sessions promoted inclusivity and sustainability, reflecting the institution's dedication to diverse audiences. Students were empowered to take active leadership roles, enhancing their organizational skills and civic responsibility. Activities like blood donation camps and firstaid training highlighted the institution's focus on life-saving measures and social service. These best practices showcase the institution as a model of impactful and responsible education.

Institutional Best Practice: 2

Pre Placement training for "Final year students"

A pre-training program for final-year students provides specialized preparation and skill enrichment ahead of graduation. Designed to align academic knowledge with industry demands, it empowers students with practical skills, career insights, and preparedness for the professional realm. This initiative facilitates a seamless transition from academic studies to the workforce, fostering career readiness.

File Description	Documents
Best practices in the Institutional website	https://www.psvcet.ac.in/iqac/7.2_Institut ion_best_practices.pdf
Any other relevant information	https://www.psvcet.ac.in/iqac/7.2 Institut ion best practices.pdf

## 7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

P.S.V College of Engineering and Technology is committed to usher in socio - economic transformation by providing inclusive innovative quality education of national standards to fully meet the expectations of the stakeholders. The institution has given added thrust to reach out the local community, nearby school students and to imparting skills among students during 2023-24.

## Salient features of Institute:

- Our college is situated in rural area, hence, students avail the opportunity to contribute towards the society and improve their understanding through participation. Through NCC unit and NSS units, our college organizes a number of academic and nonacademic activities for the benefit of the villagers.
- Made students readily acceptable to the corporate world and promote entrepreneurship through committed training and placement cell. Institute provided students prerequisite training through with four external trainers (Innovative Academic centre) for building and developing competencies for the placement.

- Everyday slip test is conducted to students to improve their academic performance.
- Disciplinary committee is functioning to look into the in disciplinary acts & ragging. Internal complaint committee has established for anti sexual harassment.
- Mentors are allocated to the students to give counseling in their academic, personal problems and create fearless environment.
- Enriched library with new reference books/ journal/periodicals /e-resources
- Our Faculty members pursue online courses NPTEL, interactive videos, and animations related to their filed from reputed global institutions.
- The institution has a well-established Career Counseling & Placement Cell that helps students improve their skills and uplift them by providing more placement opportunities.

File Description	Documents
Appropriate web in the Institutional website	<u>View File</u>
Any other relevant information	<u>View File</u>

## 7.3.2 - Plan of action for the next academic year

- To encourage our college students to participate in NSS/NCC/Culture/Sport activities.
- To motivate students and staff to do research activities.
- Faculty are encouraged to organize online courses from reputed agencies such as NPTEL and Coursera to enhance their academic knowledge on the latest topics.