



# **SELF STUDY REPORT**

**FOR**

**1<sup>st</sup> CYCLE OF ACCREDITATION**

**P.S.V COLLEGE OF ENGINEERING AND TECHNOLOGY**

**MITTAPALLI, BALINAYANAPALLI (PO), ELATHAGIRI (S.O) KRISHNAGIRI  
(DT) KRISHNAGIRI**

**635108**

**[www.psvcet.ac.in](http://www.psvcet.ac.in)**

**Submitted To**

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**BANGALORE**

**May 2022**

# 1. EXECUTIVE SUMMARY

---

## 1.1 INTRODUCTION

**PSV College of Engineering and Technology** is one of the leading Private Academic Institutions in Tamil Nadu state of India. Establishments and achievements are long way of 14 years with marked research and innovations that caters societal impact.

**PSV College of Engineering and Technology**, an affiliated Institution, was established in the year 2008 under the St. Joans Educational Trust by Dr. P. Selvam, a well-known Academician and philanthropist with a motive of providing quality education to the rural community at an affordable cost. PSV COLLEGE OF ENGINEERING AND TECHNOLOGY has humble beginning with 4 UG departments and at present it offers 6 UG departments, 4 PG departments in the areas of Engineering, Science, Technology and Management under Anna University and approved by AICTE. PSV COLLEGE OF ENGINEERING AND TECHNOLOGY is known for the stamp of quality, multi-disciplinary / diversified, quality faculty and excellent infrastructure to cater the needs of local and global needs.

The ethos of the Institution lies impregnated with the beliefs, values, responsibility, accountability and societal welfare by inculcating all these life-enriching standards to the students along with the dissemination of education and other accompaniments to build the future of the nation empathetic values. The institution insists the students that they should try to solve the social or scientific problems by using Science and Technology. P.S.V College of Engineering and Technology has been Recognized under Section 2(f) and 12B status by UGC.

### **Vision**

Our slogan is innovation through excellence. We encourage creativity, promote innovation, build leadership and nurture team work.

### **Mission**

M1: To prepare the students with high professional skills.

M2: To become intellectually luminous and globally competitive.

M3: To undertake continuous assessment and remedial measures.

M4: To instill a spirit of innovation through excellence, ethical values and social stimulation.

M5: To enhance the competency in all spheres of academic activities.

## 1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

### **Institutional Strength**

- Experienced and well established Management with a broad vision towards academic.
- Institution has acquired ISO 9001:2015 certification.
- Wi-Fi enabled high speed (1Gbps) Internet facility in campus and hostels.
- An ambient and conducive atmosphere to achieve Academic Excellence.
- Scholarships in Tuition Fees for deserving students from Management.
- Parents are organized once in a semester to collect their feedback and take corrective action.
- Twenty-four hours medical care is available in the College.
- 8 computer laboratories with 571 computers.
- The library has e-governance facilities with good ambience for utilization.
- Classrooms are equipped with ICT facility that includes projectors, boards, and desktop computers with internet.
- Strong student feedback system.
- Strong Industrial linkage with active MoU's with the reputed Industries.
- State of the art computing facilities / lab infrastructure / internet connectivity.
- Strong student mentoring system.
- Conducive environment for women and ragging free campus.
- Very good placement Records.
- Free Bus facilities to faculty members and staff.
- Motivation of faculties for attending FDPs, Conferences and workshops.
- The faculties of the Institute are flexible and responsive to satisfy student needs.
- Certificate programmes, Value added/Life skill Programmes, Career Counseling and soft skill programmes are organized every year to enhance the employability skills and to bridge the industrial needs.
- Training for placements & other competitive examinations.
- Quantitative numbers of Guest lectures, Seminars, Industry visits, Workshop, Symposium, Internship, Field projects and In-plant training activities for the students.
- Green and eco-friendly campus with renewable energy generation and received district green champion award from MGNCRE.
- NSS/YRC/NCC to inculcate social responsibility attitude among students.
- Sports activities and cultural activities are conducted to point out that students have all round capability.

### **Institutional Weakness**

- Location of the Institute.
- Communication skills of the students.
- Lack of sponsored research and limited number of faculty with Ph.D.
- Technology incubators are to be established.
- The ecosystem for filing patents and copyrights of new products and services must be enhanced.

### **Institutional Opportunity**

- Alumni in key positions to improve Contribution and community links.
- Collaboration with Institutes of repute & foreign universities for student-faculty exchange program.
- Focus on establishing incubation and Centers of Excellence in thrust areas.
- To increase Institute's visibility at National & International level.
- Focus to register as a research institute.

- Opportunity to attract students from across the nation and abroad.
- To get the status of Autonomous Institute for developing more number of skill centres for vocational, Advanced Skill and research centre in creation of Centre's of Excellence (CoE).
- The Institute being in the rural area has lot of scope in serving the society through community programs.
- Enormous potential to apply for tapping research funds, patents on new products and copyrights on services/ideas.

### **Institutional Challenge**

- Deterioration in the charm of engineering education.
- Entry of foreign universities.
- Fluctuation in market for employment.
- Changing requirements and needs of industries.

## **1.3 CRITERIA WISE SUMMARY**

### **Curricular Aspects**

#### **Structure of curriculum development:**

The Curriculum design and implementation associated with the academic flexibility, enrichment, and feedback system at P.S.V College of Engineering and Technology are described in this section. The curricula and syllabi are mainly focused on local, national, regional, and global development.

- 45 faculty members are actively involved in the academic committee of various bodies for the academic year 2020 - 2021.
- Choice Based Credit System is introduced in 6 UG programs and 8 PG programs from the academic year 2017-2018.
- Organized 144 value added courses and certificate courses for students for developing skills to bridge the gaps in the syllabus.
- More than 75% of students are participating in certificate and Add-on Courses every year.
- Institution is sensitive to gender, environmental issues, human values, and professional ethics. Anna University has introduced courses on professional ethics, Human Values, and Environmental science.
- Departmental activities also include Industrial visits, Implant training, Guest Lectures, symposiums, Seminars, conferences, Placement and Training, and Association activities.
- About 12.6% of students have undertaken fieldwork, projects, and internship every year.
- The IQAC academic coordinator monitors and assists the faculty members with effective curriculum delivery.

#### **Feedback Mechanism at P.S.V COLLEGE OF ENGINEERING AND TECHNOLOGY:**

Department invites suggestions and feedback from students, teachers, employers, Alumni, and parents regarding the curriculum and institution. Course wise periodic student feedback is collected and analyzed for faculty evaluation and the report is communicated to the respective faculty members, so they assess themselves

to improve and contribute to the teaching-learning process in a positive way.

### **Teaching-learning and Evaluation**

Classroom is a typical mixture of students with varied abilities. Basically, they differ from each other in terms of cognitive development and in their articulation of understanding of the concepts taught. P.S.V COLLEGE OF ENGINEERING AND TECHNOLOGY assesses the learning levels of the students individually.

- On an average, 52.3% of students are admitted year-wise.
- Based on the marks obtained in the previous exams and participation in the learning process, the students are categorized into advanced and slow learners.
- Advanced learners are provided with support to participate in various events such as Hackathons, International / National/State level project competitions, Fellowships, undergo fast track completion of courses in the seventh semester enabling full-time project internship in companies and work in current technologies like AI, Data Analytics, IoT, Green Energy, and Automation.
- Slow learners are identified course-wise and provided coaching by the concerned faculty and their improvements are followed up.
- Experiential learning, Participative learning, and Problem-Solving methodologies are being implemented for all courses based on the nature of the course.
- Institution conducts bridge program for the students after admission.
- At the beginning of each semester, the college level academic calendar will be circulated to all the stakeholders consisting essential details such as reopening and closing dates, internal examinations dates, holidays, college-level activities.
- The department prepares the academic calendar in align with the college calendar by including department-specific activities and events.
- Each department distributes the calendar to all students and faculty members to plan their activities.
- The timetable and the course plan are prepared well in advance.
- The faculty members are assigned courses based on their competency, subject expertise, and experience.
- Each faculty member prepares the structured lesson plan, detailed course materials, question bank for theory subjects, and lab manual for practical subjects as per the guidelines given by IQAC.
- Faculty members incorporate the teaching pedagogy by considering experiential and participative learning.

### **Research, Innovations and Extension**

P.S.V COLLEGE OF ENGINEERING AND TECHNOLOGY aims to share knowledge through quality education, research and innovation. To achieve this goal, the Institution seeks to strengthen research and innovation activities by motivating members of faculty and students in their desired path of research and career.

- A notable number of members of faculty are on the verge of obtaining their Ph.D. degrees meeting the simultaneous aspirations of teaching.
- Faculty members and undergraduate/postgraduate students are provided with adequate resources to pursue research in their respective field of interest.
- 22 workshops/ seminars are conducted on IPR, Research and Development and Entrepreneur skill.
- During symposium and conferences, students are encouraged to update their knowledge to meet current industry expectations.

- The Institution has 11 Ph.Ds holders, 04 pursuing Ph.D. and remaining faculty members are working collaboratively.
- The faculty members pursuing research are encouraged by providing the required equipments, books, leaves for research work, financial assistance for conferences/journals, e-resources, computer facilities, Wi-Fi etc.
- The college provides incentives to the faculty for their research contribution.
- The faculty members who do not possess Ph.D degree are advised to register for research work.
- Institution honors the teachers who receive recognition and awards.
- 46 research papers have been published in the UGC recognized journals.
- 46 papers have been presented in national/international conferences. 5 books have been published by faculty members.
- Institution has an Industry Institute Interaction Cell (IIIC) which has signed 19 MoUs with Industries to carry out collaborative work in project development and consultancy.
- 1086 industrial linkage program such as Faculty exchange, student exchange, internship, field trip, Industrial Visit, project work and research have been organized.
- Faculty members and students are actively involved in 48 Institutional Social Responsibility activities through structured forums like NSS, YRC and NCC
- Many recognition and awards are received for various extension activities from AICTE, Central Government, State Government, State level agencies and NGO.

## Infrastructure and Learning Resources

### Physical Facilities:

- The state-of-art infrastructure augments the learning environment and is a significant concern of the institution. Our Management is generous in enhancing the infrastructure as and when needed which promotes a good teaching-learning environment.
- Institution has 44 classrooms/ smart classes/ seminar halls with ICT facilities.
- The college has more than 571 computers with LAN and UPS facilities and 08 air-conditioned laboratories.
- The computer centers are equipped with high-end computers, and accessories such as Laser Printers, scanners, and LCD Projectors.
- The college has an in-house Computer Maintenance Cell (CMC).

### Financial Facility:

- Adequate financial allocations are made for internal maintenance work of all infrastructures.

### IT Infrastructure Facility:

- The campus is fully enabled with Wi-Fi at a speed of 1Gbps. The college has licensed and open-source software in various departments.
- As per AICTE norms, 544 systems and 27 printers are needed but the college is equipped with 571 systems, 5 Servers, and 28 printers.
- Student and Computer ratio 2:1. In every department, ICT-enabled classrooms are available with internet connectivity for supporting the teaching-learning process.

#### Maintenance Facility:

- CCTV cameras are installed on the college premises to monitor the campus activity and maintenance.
- The central library is automated with DelNet (an ILMS). The library is enriched with rare books, project reports, references/ textbooks, e-resources, e-journals, Wi-Fi, and CCTV for security.

#### Library Facility:

- The library has 26 computers with internet facilities and 1 printer.
- The college main library has 28281 books and 2076 journals.

#### Sports Facility:

- Separate gyms for boys and girls are provided in the Institution.
- Institution has basket ball court, kho-kho, shuttle court, cricket pitch, kabbaddi court etc.
- Institution has in-house sport facilities like carom; chess, table-tennis etc. are available.

### **Student Support and Progression**

Students are the primary stakeholders of the Institution which has been devising measures like student empowerment, inclusive practices, and skill development that are student supportive and student-centric.

- To meet the needs of the students, the student support service of our college is administered through a faculty advisory system.
- Department has a faculty advisor system where 15-20 students are allocated to each faculty member for counseling and to improve the academic performance of the students.
- The Institution offers scholarships and financial assistance to academically strong and economically weak students.
- On an average of 83.78% of students are benefited from scholarships from government and scholarships from management are provided.
- 309 students are benefited from the scholarship/concession provided by the institution besides government schemes during 5 years.
- The Training and Placement Cell of the college extends its service in the form of career guidance, resume building, soft skill training, technical training etc.
- It also supports campus recruitment in the form of pre-placement talks.
- 105 Capacity building and skill enhancement initiatives were organized by the institution.
- On an average 78.1% of students are benefited from Career guidance and Career counseling offered by the institution.
- 721 students are placed through active training and placement cell of the institution.
- Library has materials for students who prepare for the competitive exams.
- Departments encourage students to participate in State, National, and International level curricular and Co-curricular events.
- In the academic year 2018 – 2019 Mr. K. Rajiv, a Final year Mechanical student participated in Judo and Won Gold medal in an India inter University Tournament.
- The NSS, YRC, and NCC of our institution motivate the students and staff to participate in the extension activities such as awareness rallies for Tree Plantation, Blood donation, Health camps, and orphanage visits.

- 155 cultural activities and sports competitions are organized in the campus during the last 5 years.
- Institution has a well-defined Redressal cell for addressing anti-ragging and sexual harassment.
- Anti-ragging and sexual harassment committees are established in the campus.
- The institution has an alumni association meeting every year.
- All the passed-out students are the members of alumni association.

### **Governance, Leadership and Management**

The Institution has a long term strategic perspective plan as well as an Annual Strategic Perspective Plan for continuous improvement and to progress ahead toward the realization of its Vision, Mission, and core values

- The institution has an effective and transparent governing system in tune with the vision and mission of the Institution.
- The organizational structure of the institution and decentralization is clearly defined on the campus.
- The Governing Council Committee conducts periodical meetings that analyze the progress of the institution and recommends improvements.
- The Management has constant touch with the Principal to maintain cordial rapport to discuss the infrastructural needs, development, administration, and appointments.
- Management participates in a college functions viz., First Year Inception, Graduation Day, College Day, Sports Day, Conferences, symposium etc.
- Principal is the Academic and Administrative Head of the college and responsible for implementing the Vision and Mission of the college.
- Institution/ departments have a clear perspective/ strategic plan and it is deployed effectively.
- Each functional body is clearly defined with service rules and procedures.
- Institution has well-defined procedures for recruitment and promotion.
- Institution has implemented e-governance in all the areas of administration.
- Various bodies/ cells/ committees are working effectively and regular meetings are called for the discussion and recorded.
- HODs organize Career Guidance Programmes, Workshops, Value-added courses, Certificate courses, seminar, symposium, social responsive programs and Conferences to enrich the knowledge and showcase the talents of students.
- 33.55% of teachers are benefited with the financial support to attend conferences / workshops and towards membership fee of professional bodies during the last 5 years.
- 31 professional development/ administrative training programs are organized in the campus for the benefit of teaching and non-teaching staff during the last 5 years.
- IQAC conducts internal and external financial audits regularly.

### **Institutional Values and Best Practices**

Institutional Values and Best Practices of P.S.V College of Engineering and Technology strengthen the Institutional activities towards an erudite teaching-learning environment, digital training, placement, and assessment methodology.

- To create awareness of gender equality, 19 gender sensitization and awareness programmes are conducted over the last 5 years.
- The institution has undertaken numerous safety and security measures in the campus.



- The Institution is under CCTV surveillance to ensure safety and security of the students.
- A Portion of the annual power requirement of the institution is met by renewable energy sources like Bio Gas, solar panels etc.
- Rainwater harvesting systems prevail in the campus. The institution is landscaped with trees and for carbon neutrality, vehicle pooling is practiced. 95% of day-scholars are traveled by college bus.
- The use of plastics is prohibited strictly on the Campus to make clean and reduce the impact on the environment scribes for examination etc.
- The institution has located in the rural part of TamilNadu and hence nurtures education in the rural.
- Institution is located outside the industrial corridor.
- Institution has a handbook that contains the code of conduct for students, staff, teachers, Principal, governing body etc. These details are displayed in the website.
- Institution celebrates the national and religious festivals and encourage national integration and communal harmony with the students.
- Birth anniversaries of great Indian personalities are celebrated in the campus.
- Remembering the great Indian personalities on their death anniversary is practiced. Every year, 5 such programs have been conducted in the campus.
- Programs have been conducted to give awareness of the fundamental duties and rights of Indian citizens.
- Human values and professional ethics are being taught to students as a course as per Anna University regulations.
- Creating awareness on Tree plantations to school children No Plastic awareness program with the neighborhood community and Pre placement training programmes for final year students are the best practices of the institution.

## 2. PROFILE

### 2.1 BASIC INFORMATION

Name and Address of the College	
Name	P.S.V COLLEGE OF ENGINEERING AND TECHNOLOGY
Address	Mittapalli, Balinayanapalli (PO), Elathagiri (S.O) Krishnagiri (DT) Krishnagiri
City	KRISHNAGIRI
State	Tamil Nadu
Pin	635108
Website	<a href="http://www.psvcet.ac.in">www.psvcet.ac.in</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Dr. P. Lawrence	04343-268333	8838428106	-	principal@psvcet.ac.in
IQAC / CIQA coordinator	S. Chandra Sekaran	-	9443057461	-	iqac@psvcet.ac.in

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	
Date of establishment of the college	30-06-2008

**University to which the college is affiliated/ or which governs the college (if it is a constituent college)**

State	University name	Document
Tamil Nadu	Anna University	<a href="#">View Document</a>

**Details of UGC recognition**

Under Section	Date	View Document
2f of UGC	26-03-2019	<a href="#">View Document</a>
12B of UGC	15-07-2019	<a href="#">View Document</a>

**Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)**

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	<a href="#">View Document</a>	10-07-2021	12	

**Details of autonomy**

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No
--	----

**Recognitions**

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

<b>Location and Area of Campus</b>				
<b>Campus Type</b>	<b>Address</b>	<b>Location*</b>	<b>Campus Area in Acres</b>	<b>Built up Area in sq.mts.</b>
Main campus area	Mittapalli, Balinayanapalli (PO), Elathagiri (S.O) Krishnagiri (DT) Krishnagiri	Rural	10.85	21000

## 2.2 ACADEMIC INFORMATION

<b>Details of Programmes Offered by the College (Give Data for Current Academic year)</b>						
<b>Programme Level</b>	<b>Name of Programme/Course</b>	<b>Duration in Months</b>	<b>Entry Qualification</b>	<b>Medium of Instruction</b>	<b>Sanctioned Strength</b>	<b>No.of Students Admitted</b>
UG	BE,Civil Engineering	48	HSC	English	60	11
UG	BE,Computer Science And Engineering	48	HSC	English	60	60
UG	BE,Electronics And Communication Engineering	48	HSC	English	120	63
UG	BE,Electrical And Electronics Engineering	48	HSC	English	60	28
UG	BTech,Information Technology	48	HSC	English	60	60
UG	BE,Mechanical Engineering	48	HSC	English	120	26
PG	ME,Civil Engineering	24	BE	English	18	13
PG	ME,Computer Science And Engineering	24	BE	English	18	13

PG	ME,Electronics And Communication Engineering	24	BE	English	18	4
PG	ME,Electrical And Electronics Engineering	24	BE	English	18	0
PG	Mtech,Information Technology	24	BE BTECH	English	18	0
PG	ME,Mechanical Engineering	24	BE	English	18	0
PG	MBA,Management Programmes	24	Any Degree	English	60	60

**Position Details of Faculty & Staff in the College**

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	12				13				106			
Recruited	9	3	0	12	8	4	0	12	47	59	0	106
Yet to Recruit	0				1				0			

<b>Non-Teaching Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				58
Recruited	38	20	0	58
Yet to Recruit				0

<b>Technical Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				13
Recruited	6	7	0	13
Yet to Recruit				0

### Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	9	3	0	0	0	0	0	0	0	12
M.Phil.	0	0	0	0	0	0	18	6	0	24
PG	0	0	0	8	4	0	29	53	0	94
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
		0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	251	0	0	0	251
	Female	83	0	0	0	83
	Others	0	0	0	0	0
PG	Male	41	0	0	0	41
	Female	49	0	0	0	49
	Others	0	0	0	0	0



<b>Provide the Following Details of Students admitted to the College During the last four Academic Years</b>					
<b>Programme</b>		<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>
SC	Male	21	32	28	79
	Female	21	33	17	77
	Others	0	0	0	0
ST	Male	1	1	0	3
	Female	1	0	0	0
	Others	0	0	0	0
OBC	Male	140	149	152	264
	Female	49	86	86	118
	Others	0	0	0	0
General	Male	2	3	4	5
	Female	1	3	2	5
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
<b>Total</b>		<b>236</b>	<b>307</b>	<b>289</b>	<b>551</b>

### **Institutional preparedness for NEP**

1. Multidisciplinary/interdisciplinary:	PSV has done a tremendous job in creating an enabling ecosystem for offering multidisciplinary and interdisciplinary education to flourish and making a difference to the students. The flexibility to choose subjects from engineering to science and humanities with the ability to also learn management will give students a wide range of subjects to choose without the restriction they faced earlier. With creative combination of subjects, cutting edge curriculum, flexible options in order to foster intellectual curiosity, a critical thought process, self reflection leadership and teamwork skills, professionalism to socio cultural environment
---	---

2. Academic bank of credits (ABC):	PSV has arranged an awareness program for all the students about the academic banking credit system. PSV took steps to make all students create their own account in ABC which will facilitate students to choose their own 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. We have registered our institution on ABC in <a href="http://www.abc.gov.in">www.abc.gov.in</a> . We have created a hyperlink of ABC URL in our college website. We have appointed nodal officers for the implementation of ABC
3. Skill development:	PSV 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. 2) workshop and hands-on training for skill development on preparing for online classes in Google classroom 3) students were given training in the latest technology through value-added courses 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
4. 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. The remaining is planned after obtaining the feedback from the stakeholders and assessing the resources in terms of the competency of existing faculty to handle this requirement
5. Focus on Outcome based education (OBE):	PSV offers 13 programmes across Engineering. 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

	<p>social well-being of the nation. The Course Objectives (COs) are also aligned with the PO-PSO philosophy. All course syllabus have been designed with due consideration to macro-economic and social needs at large so as to apply the spirit of NEP.</p>
<p>6. Distance education/online education:</p>	<p>Online education is practiced through online teaching and learning platforms such as Google meet and Microsoft Teams, etc. since the middle of Spring 2020 session. We could plan in the future for distance education after having the experience of the massive implementation of courses online during this pandemic.</p>

NAAC

## Extended Profile

---

### 1 Program

#### 1.1

**Number of courses offered by the Institution across all programs during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
556	556	556	556	560
File Description		Document		
Institutional data prescribed format		<a href="#">View Document</a>		

#### 1.2

**Number of programs offered year-wise for last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
13	14	14	14	14

### 2 Students

#### 2.1

**Number of students year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
1099	1267	1390	1629	1682
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

#### 2.2

**Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
236	307	289	552	487

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

### 2.3

#### Number of outgoing / final year students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
366	357	414	497	493

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

## 3 Teachers

### 3.1

#### Number of full time teachers year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
103	103	103	103	103

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

### 3.2

#### Number of sanctioned posts year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
137	138	147	178	173

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

## 4 Institution

### 4.1

#### Total number of classrooms and seminar halls

**Response: 60**

**4.2**

**Total Expenditure excluding salary year-wise during last five years ( INR in Lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
296.54	305.9	429.53	331.94	1479.63

**4.3**

**Number of Computers**

**Response: 571**

NAAC

## 4. Quality Indicator Framework(QIF)

---

### Criterion 1 - Curricular Aspects

---

#### 1.1 Curricular Planning and Implementation

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

**Response:**

**1.1.1 The Institution ensures effective curriculum delivery through a well planned and documented process Response:**

**Response:**

PSVCET follows the syllabus prescribed by the Anna University. The institution delivers the content based on Outcome-Based Education. Apart from that, for each course the teaching learning processes are made in such a way for all the courses it achieves blooms top level. PSVCET plans and implemented all the activities in such a way it will achieve the core values by all the students such as innovation, creativity, Ethics and commitment, social responsibility, learning for life, consistency, interdisciplinary, contribution to national development and Global competency.

Innovative case study assignments are given to all the students such as problems related to society needs and technical advancements. It provides responsive and creative technical leadership for the collaborative pursuit and creation of new knowledge, inventions and enabling technologies.

In order to fulfill the excellence in technical education, interdisciplinary education, which is the vision and mission of the institution, the open elective courses and Value added courses in each semester are given to all the students irrespective of program of study.

PSVCET focused on promoting the sense of social responsibilities in students by involving them in various social activities like visits to homes for the aged, orphanages, Blood donation camp are conducted through NSS, NCC and other clubs. 100% of the students are involved in these activities. This helps in creating awareness about latest and important social issues in individual and gives them a broader perspective of understanding the causes and possible solutions related to various social issues. Celebrations of days of national, international and cultural importance have bolstered the human and national values in students.

Awareness about ABC (Academic Bank of Credits) has been given to all the students in order to mould them to cope up with latest multidisciplinary technology through which lifelong learning attitude is created. Percentage of students doing MOOC courses is increased.

Home work, Assignment, Case study, Tutorial hours, Field Visits, Industrial Visits, In plant training and Study tours are given to all students to meet the consistency in their studies. Proper guidance for Competitive exams and Career Counseling is to be provided to the outgoing students. Industrial training for minimum of 8 weeks is made mandatory for all the students.

The skill enhancement activities of the students are organized by the departments and committees. The soft

skill training includes Placement training, communication skills which include public speaking. Life skills imparted to the students include women self-defense are organized Women Empowerment cell.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Link for Additional information	<a href="#">View Document</a>

### 1.1.2 The institution adheres to the academic calendar including for the conduct of CIE

#### Response:

The Institute academic calendar draft is prepared by Principal as per the university guidelines which is placed in HODs meeting with principal, discussed in detail and approved with correction if any required before commencement of every semester.

The tentative academic calendar prepared from the principal's office is discussed in the Governing Council in the presence of all the Heads of Departments as well as in IQAC and distributed for circulation for any feedback. Any suggestion/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 in the Governing Council/IQAC. Thereafter, the final version of the academic calendar is published and circulated.

Time-Table Prior to the commencement of each semester the in-charge of each department will prepare the Time-Table following the guidelines of the respective statutory bodies counting the number of credit hours for each subject and displayed in the respective department notice boards. The Academic committee ensures the strict implementation of the Academic Calendar by monitoring daily activities and they also review the implementing gaps periodically.

Before commencing the internal examinations, question papers are scrutinized by Technical Expert Committee and the exams are held continuously as per schedule and the marks secured by the students are entered in Anna University web portal. Assessment process: As per the Anna University regulations, three internal exams are held per semester and thereby continuous performance of the students is assessed.

If a student gets failed in the end semester examination he is entitled to go for revaluation. After revaluation, the results will be announced following the University norms and if that particular student is not satisfied with the results, then he can move for challenging evaluation within a week, after the announcement of the results and the evaluation process will be done following the prescribed norms.

The academic calendar accommodates the following major activities;

- The beginning date and end date of semesters
- The Schedule of co-curricular activities



- The Schedule of extra-curricular activities
- The schedule of all examinations
- The syllabus completion dates for IAT-I, IAT-II and IAT-III
- Tentative period of various feedback collections
- Tentative period of Industrial visits
- Mentor-Mentees meeting schedule
- Internal Assessment tests (IAT) dates
- Assignments submission dates in unit wise
- Schedule of term work and submissions
- Tentative period of practical/ Theory examinations

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Link for Additional information	<a href="#">View Document</a>

**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 last five years**

1. Academic council/BoS of Affiliating university
2. Setting of question papers for UG/PG programs
3. Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
4. Assessment /evaluation process of the affiliating University

**Response:** B. Any 3 of the above

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View Document</a>
Link for Additional information	<a href="#">View Document</a>

## 1.2 Academic Flexibility

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

**Response:** 100

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

Response: 13

File Description	Document
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for Additional information	<a href="#">View Document</a>

### 1.2.2 Number of Add on /Certificate programs offered during the last five years

**Response:** 144

#### 1.2.2.1 How many Add on /Certificate programs are offered within the last 5 years.

2020-21	2019-20	2018-19	2017-18	2016-17
28	28	29	32	27

File Description	Document
List of Add on /Certificate programs	<a href="#">View Document</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for Additional information	<a href="#">View Document</a>

### 1.2.3 Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years

**Response:** 67.63

**1.2.3.1 Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
688	874	979	1102	1152

File Description	Document
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**1.3 Curriculum Enrichment****1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum****Response:**

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., finds 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 moulding student character and caliber irrespective of their gender. The institution always uses the gender-neutral language towards the students staying equal importance towards both the genders without discrimination. The active women's empowerment cell would attend on the issues faced by the girl students in the academia and personal. Numerous motivational programs have been invoked by our institution in order to bring awareness among the girl students and society about the true rights and value of the women in the development of the nation.

**Environment and sustainability**

The institution being a green campus is improving energy efficiency by conserving the natural resources for creating healthy living and learning environment. The institution is taken the efforts to give awareness on environmental issues and its sustainability to society through extension activities by NSS and YRC. The Institution have a Best practices on creating awareness to school students on tree plantation and creating awareness to the general public about plastic awareness. The institution has implemented rainwater harvesting system to recharge groundwater by collecting the rainwater from the catchment areas from rooftop of buildings through organized trench and storing the ground water level. Solid waste is also treated and used for producing gas through biogas plant. All the branches of Engineering have a subject

which focuses on environmental issues and sustainability in their curriculum.

### Human values

The most important human values like courtesy, honesty, integrity, civic virtue, empathy sympathy, etc., constitutes the quality of a human. Our institution is much concerned in inculcating such values in the mind of young engineers and management professionals. Our institution is encouraging group activities which practices the students to learn the value of human being and harmony towards growth of the society.

### Professional ethics

Professional ethics or principles will govern the behavior of a person or group in a business environment. Like values professional ethics provides rules or code of conduct on how a person should act towards other people and institutions in organization, society/environment. Developing professional ethics and human rights will certainly improve once ability and judgment and refine once behavioral decisions and their actions in performing the duty in family, organisation and to the society.

File Description	Document
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View Document</a>

### 1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

**Response:** 8.4

#### 1.3.2.1 Number of courses that include experiential learning through project work/field work/internship year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
42	48	45	51	48

File Description	Document
Programme / Curriculum/ Syllabus of the courses	<a href="#">View Document</a>
MoU's with relevant organizations for these courses, if any Average percentage of courses that include experiential learning through project work/field work/internship	<a href="#">View Document</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View Document</a>

<b>1.3.3 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)</b>	
<b>Response:</b> 49.14	
<b>1.3.3.1 Number of students undertaking project work/field work / internships</b>	
Response: 540	
File Description	Document
List of programmes and number of students undertaking project work/field work/ /internships	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 1.4 Feedback System

<b>1.4.1 Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders 1) Students 2)Teachers 3)Employers 4)Alumni</b>	
<b>Response:</b> A. All of the above	
File Description	Document
Any additional information (Upload)	<a href="#">View Document</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	<a href="#">View Document</a>
URL for stakeholder feedback report	<a href="#">View Document</a>

<b>1.4.2 Feedback process of the Institution may be classified as follows: Options:</b>
<b>1.Feedback collected, analysed and action taken and feedback available on website</b>
<b>2.Feedback collected, analysed and action has been taken</b>

**3.Feedback collected and analysed**

**4.Feedback collected**

**5. Feedback not collected**

**Response:** A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
Upload any additional information	<a href="#">View Document</a>
URL for feedback report	<a href="#">View Document</a>

NAAC

## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

#### 2.1.1 Average Enrolment percentage (Average of last five years)

**Response:** 52.69

##### 2.1.1.1 Number of students admitted year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
236	307	289	552	487

##### 2.1.1.2 Number of sanctioned seats year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
648	696	726	726	726

#### File Description

#### Document

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

#### 2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy ) during the last five years ( exclusive of supernumerary seats)

**Response:** 97.8

##### 2.1.2.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
228	301	282	541	481

#### File Description

#### Document

Average percentage of seats filled against seats reserved

[View Document](#)

Any additional information

[View Document](#)

## 2.2 Catering to Student Diversity

### 2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

#### Response:

- 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.
- The learning levels of the students are assessed by the institution based on their studies through slip test and internal assessment tests (IAT).
- Based on the students performance in slip test and IAT's, they are categorized as slow learners and advanced learners.
- Slow learners are those who secured less than 50% of marks in their first attempt.
- Advanced learners are those who secured more than 50% of marks.

#### Special programs organized for slow learners:

- **Coaching class and retest** – To improve the performance of slow learners, special coaching classes and retest for concerned subjects are conducted after slip test and internal assessment test.
- **Communication skills** – English communication classes are conducted for the students those who are admitted from rural background to improve their vocal and verbal skills.
- **Special coaching for arrear** – Special care has been taken for slow performers. Extra classes are conducted on every Saturday to improve their confidence level which helps for the betterment of their studies.
- **Performance enhancement test (PET)** – PET helps the students to improve their regular reading habit.
- **Parents-faculty meetings** – To monitor and discuss about the student performance and disciplinary issues, Parents-faculty meetings are conducted at regular interval. During the meeting special counseling is given to individual students.
- **Simplified course materials** – Simplified form of course materials are prepared by faculty and are distributed to students. It helps the students to learn and understand the concepts quickly and easily.
- **Motivational programs** – Professional psychologists and experts are invited to identify the root cause and to recover the students from personal and stress related issues.

#### Special programs for advanced learners:

- **MAP (make a product) practice** - Promoting the students for the culture of learning by doing.
- **Funding for projects** – Awareness about funded projects are made among the final year students.
- **Participation in corporate contests** – Students are trained to participate on various corporate contests, so that they can train themselves for the placement opportunities.
- **Technical club events and professional society linkages** - Students are insisted to be a part of professional societies such as EWB, CII, IEEE and etc. They can get latest updates on technologies and also develop their leadership skills.
- **Guidance program for competitive exams** – Guidance for higher education is provided. Programs



are conducted to make aware of competitive exams like GATE, TOEFL, GRE, CAT, GMAT etc

- **Digital library** – To promote e-learning we provide facilities like digital library systems through NSDL,NDL, and encouragement to do NPTEL and Swayam courses.
- **Participate in technical events** – Students are encouraged to participate in technical events like symposium and conferences organized by other institutions to acquire latest technical updates.
- **Counseling for improving the performance** – Special care is taken to guide the talented students for achieving university ranks.
- **Incubation hubs** – Empowers young social entrepreneurs to develop and launch their own social enterprise.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Past link for additional Information	<a href="#">View Document</a>

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

**Response:** 10.67

File Description	Document
Any additional information	<a href="#">View Document</a>

## 2.3 Teaching- Learning Process

### 2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

**Response:**

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 problem-solving 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 to bring their ideas into a working prototype. The students are provided the opportunity to participate in exhibitions and to present their ideas.

Course-related workshops and seminars are organized for all the students to provide hands-on training in

their respective fields. Fast track students are allowed to attend an internship program in their final semester to bridge the knowledge level of the students from academic to real-time industrial requirements. The students are motivated to attend a 10-day internship or in-plant training to enhance their practical experience. Industrial visits are organized regularly for the students in gaining knowledge on design, development, testing, and support in project management. Some of the visited industries are ATS Global Techsoft Private Ltd, Uniq Technologies, Steel Authority of India, Hindustan Aeronautics Ltd, etc.

### Participative Learning

Students are motivated to get enrolled in professional societies like CSI, IETE, and IEI 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 and Spoken Tutorial to enhance their learning experience.

The students are encouraged to learn Swayam-NPTEL courses and credits earned are transferred to them. The students are motivated to participate in all India-level technical events like the Smart India Hackathon as a team of students to showcase their innovative ideas. The institute organizes various club activities through Fine Arts club, National Service Scheme (NSS), National Cadet Corps (NCC), Youth Red Cross (YRC), Women empowerment club, etc., to apply moral and ethical principles in the society.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

### 2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.

#### Response:

**The institute insists to achieve the goal by updating the Information and Communication Technology (ICT) for the use of all students and faculty. Faculty members are using the updated educational technology for the students to develop the skills. For effective teaching and learning the ICT tools are used in an adequate manner.**

- Faculty members follow the method of ICT for teaching in the classroom.
- Academic books for each semester-lab manual and question bank with solutions are available in the respective department.
- Exploit of multimedia teaching aid like LCD projectors, classrooms with internet facility and system are usually used in the classrooms.
- Adequate number of books, journals, e- journals and e-book are available in the library.

- To create the best learning environment for the students the faculty members prepare powerpoint presentations (PPTs) for workshops, seminars, and guest lectures.
- The institute supports the teacher to use modern teaching aids.
- Seminar hall is outfitted with multimedia facilities using ICT tools.

#### **Course Delivery Methods:**

- Seminars
- Mini Projects
- Technical Reports
- Case Studies
- PPTs
- Experimental training
- lab Experimental work
- class Assignments
- Quizzes
- 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 mini projects

- Students can develop their career through one month vocational training and internship for placement.
- Final year group project gives the empirical knowledge to reach the goal.
- Students are allowed to visit nearby industries for the research process.
- Displaying senior students' project achievements on a regular basis to motivate the younger students.

### ICT based learning

In education, ICT is the mode to support, enhance, and optimize the delivery of information through paper presentation and publications. To promote learning skill, student are promoted by web-assignments and web-quiz. Students are given a case study to shape their presentation skills.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View Document</a>

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

**Response:** 11:1

#### 2.3.3.1 Number of mentors

Response: 103

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	<a href="#">View Document</a>
mentor/mentee ratio	<a href="#">View Document</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View Document</a>

## 2.4 Teacher Profile and Quality

### 2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

**Response:** 67.46

File Description	Document
Year wise full time teachers and sanctioned posts for 5years(Data Template)	<a href="#">View Document</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### 2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

**Response:** 6.02

##### 2.4.2.1 Number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. year wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
12	5	6	4	4

File Description	Document
List of number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. and number of full time teachers for 5 years (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

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

**Response:** 8.41

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

Response: 866.2

File Description	Document
List of Teachers including their PAN, designation, dept and experience details(Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 2.5 Evaluation Process and Reforms

### 2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode

#### Response:

The institute is affiliated to Anna University, Chennai and follows the exam pattern of the university.

On the basis of slip test (ST) Internal Assessment Test (IAT) and Model Exam (ME) continuous evaluation is done. Slip Tests are conducted after the completion of some topics. 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% for their university grading.

Evaluation process is explained to the students in the orientation program. The coordinator of the exam cell and the faculty members of S&H department explain about the attendance requirements, grading systems and various aspects of exams to the first year students.

The institute conducts five slip tests, 3 Internal Assessment Tests and 2 model exams 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 to identify slow and advanced learners. The students are instructed to discuss their evaluated answer sheets with the concerned subject teacher. Evaluation is done both in theory and practical exams.

After the publication of results a micro level department meeting will be conducted to discuss about the results

The common points usually discussed in the meeting are,

- Comparing with previous year's results
- Subject wise analysis
- Faculty wise analysis
- 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.

The students are encouraged to clarify their doubts by discussing with the concerned subject teachers. The internal marks are awarded based on slip test, internal assessment test, model exams, attendance percentage, assignments, participation in seminar, workshop etc.

The collection of all data is stored in digital format for reference/ recovery purposes.

Internal exam question pattern (R2013):

IAT	Duration	Syllabus	Pattern	Remarks
1	1.30 Hrs	1 & Half of Unit 2	Part A (10X2=20) Part B (15X2=30)	50 Marks
2	1.30 Hrs	Half of Unit 2 & Unit 3	Part A (10X2=20) Part B (15X2=30)	50 Marks
3	1.30 Hrs	Unit 4 & Unit 5	Part A (10X2=20) Part B (15X2=30)	50 Marks

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

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

#### Response:

The internal marks provided based on slip test, internal assessment test and model examinations. They are conducted by all faculties for all the subjects. The exams are conducted based on the academic chart prepared at the beginning of the semester. Each internal examination is conducted after 22-25 working days. The weight-age for the tests varies as per the concerned faculty. The internal exam is aligned with the web portal entry schedule given by the Anna University to upload the internal marks of each internal exam. The students are informed about the exam schedules through circulars. The performance of the students is communicated through the notice board.

The Department examination cell maintains the student database during the internal Assessment. During the commencement of examination one set of question paper is prepared by concerned faculty and submitted to the exam cell three days before the exam. The submitted question papers are audited by the concern HoD and approved by the Principal. Slip test & IAT are conducted for 50 marks of 120 minutes

duration while pre university exams are allocated for 100 marks with duration of 3 hours. The slip tests and IAT are conducted in the test hours.

After completing the exam, the answer scripts are collected by concerned faculty from exam cell. The answer scripts are evaluated within three days and distributed to the students for verification. Final mark list and attendance are prepared and updated in the department system for future reference and the same is uploaded in the Anna university web portal as per the schedule.

Class committee will be conducted few days before the IAT and exams between students and faculties to know the feedback and grievances from the students at regular intervals. During the meeting the syllabus coverage, exam schedule, availability of study materials and any other problems are discussed.

The internal marks and attendance percentages are periodically communicated to the parents through letters at the end of each internal assessment examination. Also the parents are invited to the parent's faculty meeting by the faculty advisor to discuss about the performance of the students at the end of each semester.

### Model Lab

The lab experiments as per Anna university syllabus are conducted during practical hours. Students are insisted to complete the record work of current lab experiments within next lab. At the end of semester model lab is conducted similar to the university lab practical, where each student is assigned with individual experiment. At the end of session viva voce for the practical examination is conducted and discussed about current topics with the concerned staff.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

## 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.**

### Response:

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. POs, PSOs and COs are created by considering Vision and Mission statement of the college and the syllabus content. COs and POs are figured by the Heads of the department after the conversation with the subject handling professionals along with subject specialists. Course committee are supervised at regular intervals and the institute helps faculty members to reach these objectives by appropriate supporting systems. This assists to engage for the course outcomes easily.



The COs are also recited to the students while reciting the syllabus in the classrooms and also presents in the continuous internal examinations question papers. Consequently the students can very familiar with the COs of the subjects.

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, she/he can prepare the programme of studies etc.,

POs and COs for all programs and courses suggested by the institution are shown in the institute website for the referral.

They are made attainable through faculty members, student attention laboratories, and student's 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 a number of courses.

Each course has determined course outcomes that are related to the program outcomes and a set of performance criteria that are utilized 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 program-specific 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	Document
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>
Past link for Additional information	<a href="#">View Document</a>

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

#### Response:

The academic schedule recommended by the institution has understandably stated learning outcomes. It is combined with institution targets and objectives.

The achievements, grades of the course outcomes, schedule outcomes and program specific outcomes are very essential parameters for the outcome based education structure. This supports in building an academic environment for winning excellency. The standardization and effectuality of the process is repeatedly

supervised, estimated and upgraded by taking inputs from the conversation/decision/recommendation taken in the Department Academic Council (DAC) and in the meeting of Academic Council of the Institute. The IAQC also closely interfaces the evaluation and completion process.

The subsequent procedures are utilized to value the fulfillment of course outcomes. The fulfillment grades for the course are set based on the prior presentation. Considering the three grades obtained in the IATs decides the level of achievement of each course outcome. The achievement is calculated in expression of the certain percentage of the students attaining the settled percentage of scores and also extra score.

**Attainment of CO is calculated based on the following:**

**For Theory subjects:**

1. Internal Evaluation (weightage 30%)

- Continuous internal assessment
- Assignments

2. External Evaluation (weightage 70%)

- University end semester theory examination

**For Practical Subjects:**

1. Internal Evaluation (weightage 40%)

- Lab performance
- Practical continuous assessment

2. External Evaluation (weightage 60%)

- University end semester practical examination

For computation of CO, a threshold is fixed to detail the competence level (say 60%) for internal evaluation and Grade B for external evaluation. Achievement levels are distinct based on the following.

Benchmark	Attainment Level
60% of students get more than or equal to the threshold	1
70% of students get more than or equal to the	2

threshold	
80% of students get more than or equal to the threshold	3

For each CO, a goal level is distinct and then the level of the fulfillments setup beyond. If the fulfillment is equal to or more than the goal then the achievement at the CO level is achieved. The average for all COs at a course level taking into an account the internal and external evaluation is calculated to comprehend whether the achievement level is achieved at the course level.

### Attainment of Program Outcomes and Program Specific Outcomes

At the commence of the semester, the subject professionals determine on the association of POs with COs and PSOs with POs. Once the total attainment of CO is calculated, it is utilized for considering the level of achievement of POs and PSOs. If the achievement is either equal to or more than the goal value, it finalized that achievement is obtained successfully.

#### Total attainment PO is based on:

- Direct Attainment (80% weightage) and Indirect attainment (20% weightage).
- Direct attainment is calculated from CO attainment based on four Continuous Assessments and Semester Examination and
- Indirect attainment is calculated based on 25% Program Exit Survey + 50% Alumni survey + 25% Employer Survey.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for Additional information	<a href="#">View Document</a>

### 2.6.3 Average pass percentage of Students during last five years

**Response:** 88.13

#### 2.6.3.1 Number of final year students who passed the university examination year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
364	349	324	442	376

**2.6.3.2 Number of final year students who appeared for the university examination year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
366	357	414	497	493

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>
Paste link for the annual report	<a href="#">View Document</a>

**2.7 Student Satisfaction Survey****2.7.1 Online student satisfaction survey regarding teaching learning process****Response: 3.77**

File Description	Document
Upload database of all currently enrolled students (Data Template)	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>

## Criterion 3 - 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, Chairs in the institution during the last five years (INR in Lakhs)**

**Response:** 3.91

**3.1.1.1 Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
2.47	0.66	0.08	0.7	0

File Description	Document
List of endowments / projects with details of grants	<a href="#">View Document</a>
e-copies of the grant award letters for sponsored research projects / endowments	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.1.2 Percentage of teachers recognized as research guides (latest completed academic year)**

**Response:** 1.94

**3.1.2.1 Number of teachers recognized as research guides**

**Response:** 2

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years**

**Response:** 25

**3.1.3.1 Number of departments having Research projects funded by government and non-government agencies during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
3	4	1	2	0

### 3.1.3.2 Number of departments offering academic programmes

2020-21	2019-20	2018-19	2017-18	2016-17
8	8	8	8	8

File Description	Document
Supporting document from Funding Agency	<a href="#">View Document</a>
List of research projects and funding details	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Paste link to funding agency website	<a href="#">View Document</a>

## 3.2 Innovation Ecosystem

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

#### Response:

#### Innovation & Creativity Cell

The innovation & Creativity Cell (ICC) of PSVCET was established to systematically foster the culture of innovation among the students across various departments inside the Institute. The ICC is set up to encourage, inspire and nurture young students by supporting them to work on our new ideas and innovation, transform them into prototypes, and promote them to create start-ups and entrepreneurial ventures.

The ICC at PSVCET focuses on creating a complete ecosystem to foster the culture of Innovation across the PSVCET from ideas generation to successful start-ups. The ICC will also work on evaluation systems to identify and develop students to transform themselves from dependent to startups. The innovative and creative cell at PSVCET exhibits the students' inner talents and their supercomputer brain to ever-changing circumstances and understand subtle patterns and make a connection between seemingly unrelated things. The ICC cell organizes various programs to find students' inner talent and induce them to be creative.

In ICC of PSVCET, students create new things done are doers with their dreams of new ideas to discover

new ways of looking at problems and the solutions for that problems and enrich their problem-solving techniques.

Innovative entrepreneurs introduce new products, new services, and new methods of production of goods/services/processes, open/create new markets, find an alternate use for existing products, etc. to marry their creative ideas with the purposeful action and structure of a business.

ICC helps the students to enhance their skills to create, and innovate, which are vital skills expected to become successful in one's career.

## **ENTREPRENEURSHIP DEVELOPMENT CELL**

Entrepreneurship Development Cell at P.S.V.C.E.T. will strive hard to promote technology application and become a resource base in identifying emerging and innovative Entrepreneurial opportunities.

### **Vision of EDC :**

“To be a well-recognized centre of excellence for entrepreneurship development based in an institution of quality learning”.

### **Mission of EDC :**

“To develop institutional mechanisms and processes to create an entrepreneurial culture to develop technocrat entrepreneurs for generation of wealth and employment”

### **Objectives of the EDC :**

- To act as an institutional mechanism for providing various services including information to budding entrepreneurs.
- To create Entrepreneurial culture among students of the Institution.
- To create entrepreneurship awareness among students.
- To create self-employment awareness.  
To motivate students to make their own career path and create awareness of self-financial schemes of various agencies.
- To create awareness among faculty about self-employment by conducting entrepreneurship development programs.
- To conduct Vocational Training / Skill Development programs.

### **Functions of EDC :**

- To organize Entrepreneurship Awareness Camps, Entrepreneurship Development Programmes, and Faculty Development Programmes in the region for the benefit of Management students and engineering students.
- To develop and introduce a curriculum on Entrepreneurship Development at various levels of Under Graduate courses and Post Graduate Courses in the College.
- To guide and assist prospective entrepreneurs on various aspects such as preparing project reports, obtaining project approvals, loans, and facilities from agencies of support system, information on

technologies, etc.

- To create self-employment awareness.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

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

Response: 22

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

2020-21	2019-20	2018-19	2017-18	2016-17
3	5	6	5	3

File Description	Document
Report of the event	<a href="#">View Document</a>
List of workshops/seminars during last 5 years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 3.3 Research Publications and Awards

### 3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years

Response: 0.5

#### 3.3.1.1 How many Ph.Ds registered per eligible teacher within last five years

Response: 1

#### 3.3.1.2 Number of teachers recognized as guides during the last five years

Response: 2



File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
URL to the research page on HEI website	<a href="#">View Document</a>

### 3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Response: 0.45

#### 3.3.2.1 Number of research papers in the Journals notified on UGC website during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
14	10	2	5	15

File Description	Document
List of research papers by title, author, department, name and year of publication	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 3.17

#### 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 last five years

2020-21	2019-20	2018-19	2017-18	2016-17
16	48	87	83	92

File Description	Document
List books and chapters edited volumes/ books published	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 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 last five years.**

**Response:**

PSV College of Engineering and Technology is given importance to the Extension activities to be taken up by the students in order to fulfill the aspirations of Vision and mission statements of the institution. Holistic development of the individual is the aim with which the students are encouraged for participation in extension program such as NSS and NCC.

**National Service Scheme(NSS):**

We, P.S.V College of engineering and technology actively organize various extension activities such as blood donation camps, saplings plantation, environmental awareness programmes, medical awareness camps, free health check-up, Science Exhibition and Educational Counseling programs, Swatch Bharat activities under NSS programs during the last five years.

Tree plantation organized by our Environmental club and NSS unit associated with rotary is one of the outreach program undertaken by our students. They planted over 2000 saplings in our college campus and in nearby areas by organizing tree plantation camps. NSS Unit associated with Rotary club bargur participates in the “Blood Donation Camp” every year to bring the linkage between Engineers & Society by donating blood nearly 100 units in different blood banks. Institution outreaches nearby government and aided schools in and around krishnagiri district to give them lessons on computer education, health, YOGA and tips for their public exams in schools and make them Confident. Our NSS Unit and Rotary Club of bargur jointly organize various public awareness rallies round the year. Some of the important rallies are impacts of plastic usage, road safety, dengue fever awareness, cancer awareness, and gender issues. The impacts of those rallies create awareness, importance and knowledge to the public.

**Youth Red Cross (YRC) :**

YRC of PSVCET had organized various activities and camps for various villages in and around the Krishnagiri such as Corona –Awareness Programme, National Voters Day, Traffic Awareness Programme Rain Water Harvesting Awareness Programme, Water Pollution Awareness Programme also conducted Plastic Awareness Programme and Swatch Bharath Awareness Programme along with lions club of bargur during the last five years.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

### 3.4.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years

Response: 3

#### 3.4.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
1	1	0	1	0

File Description	Document
Number of awards for extension activities in last 5 year	<a href="#">View Document</a>
e-copy of the award letters	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Response: 25

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

2020-21	2019-20	2018-19	2017-18	2016-17
4	7	3	5	6

File Description	Document
Reports of the event organized	<a href="#">View Document</a>
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years

**Response:** 43.04

#### 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 last five years

2020-21	2019-20	2018-19	2017-18	2016-17
293	924	406	664	768

File Description	Document
Report of the event	<a href="#">View Document</a>
Average percentage of students participating in extension activities with Govt or NGO etc	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 3.5 Collaboration

### 3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

**Response:** 1086

#### 3.5.1.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
174	254	167	263	228

<b>File Description</b>	<b>Document</b>
e-copies of related Document	<a href="#">View Document</a>
Details of Collaborative activities with institutions/industries for research, Faculty exchange, Student exchange/ internship	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### **3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years**

**Response:** 19

#### **3.5.2.1 Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
1	3	5	3	7

<b>File Description</b>	<b>Document</b>
e-Copies of the MoUs with institution/ industry/corporate houses	<a href="#">View Document</a>
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## Criterion 4 - 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.**

**Response:**

**Introduction:**

P.S.V. College of Engineering and Technology adheres to the norms laid by AICTE and Anna University for creating and enhancing the infrastructure facilities for effective teaching and learning. The institute has sufficient classrooms 60nos, Seminar Halls, various department laboratories, auditorium, library and internet facility of 60Mbps including Wi-Fi. The entire ambience of the college is clean and fresh. All the infrastructure facilities are provided with a vision to help students to develop their academics and career progression skills. Total area of our institution is 10.85 acres and its built up area is 21000sqm.

**Classrooms:**

The institution has spacious classrooms which are designed and maintained as per AICTE norms. They are equipped with projectors so that ICT can be used for strengthening academic discourse.

**Laboratories/computing facility/drawing halls/Auditorium**

The laboratory/workshop with the appropriate layout is designed and maintained as per AICTE norms with respect to carpet area, lighting, ventilation and furniture & fixture.

Our institution has six computer laboratories with 576 computers out of which 500 are exclusively for students' usage. All the computers are connected through LAN or Wi-Fi with 60Mbps internet speed to share and access knowledge resources. The computers have various operating systems like windows-10, windows-XP, Windows-7, Redhat and Ubuntu.

All the laboratories are equipped with safety equipment such as fire extinguishers, non slippery floors, "Do's and Don'ts" awareness board, first aid box and safety precautions board. A list of experiment details is explicitly illustrated in each laboratory.

The institution has a sufficient number of drawing halls with drawing tables for the access of the students. Our institution boasts of huge, commodious seminar halls with a seating capacity of 250 people and an Auditorium having a seating capacity of 600 People to conduct curricular and co curricular events. The college ICT facility includes projectors, wireless microphone, sound systems, public addressing system, desktop recorder and video recorder with internet facility to conduct lectures, seminars, webinars, conferences, guest lectures and workshops.

**Library**

The library acts as one of the main learning source centres of the institution and provides services and facilities to meet the requirements of the institute's teaching, training and research programmes. The

library is well stocked with more than 2965 books related to Engineering and Technology; Industry related topics and rare books are also available. Core reference collection of various books is also available for all the students to upgrade their knowledge. The library is equipped with a digital entry login system. The library is facilitated with NDL membership.

### Other facilities

The institute provides transport facilities for the students and staff from and to various parts of the district. Canteen facilities are also provided for students and staff members with adequate seating capacity. Hygienically prepared food is served with care to the students. The institution has well ventilated hostel rooms for boys and girls separately. The institution provides hygienic and good quality food (Vegetarian and non- Vegetarian) to the hostellers. Institution is provided with six RO water supply points with a capacity of 1750 L/Hr of RO water.

The administration has given facilities like furnished office rooms, individual rooms for HODs, refreshment rooms for staff and separate women's common rooms. For the purpose of better surveillance CCTVs are installed at all corners of the campus to cover the maximum area.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

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

##### Response:

Sports and games are a lively part of the educational process. It provides sufficient facilities for cultural activities, indoor and outdoor sports as well as other student and faculty support amenities. A team of faculty members and students are involved in cultural, sports extra- curricular activities of the college. The Institute arranges yearly games week to inspire the students to take part in organization and intercollegiate level occasions.

The College has the following accompanying facilities to direct games and social cultural occasions:

The establishment has a massive playground for outside games like Volley ball, Tennis, Cricket, throw ball, Kho-Kho etc. Indoor games are available in grounds premises like Carrom, Chess, Shuttle cock, Table tennis etc.

The Institution has a well established play ground with an area of 8093.71 Sq.m. The Institution has 2 Physical Directors to train the students. The Institution encourages our Students to participate in Sports events.

##### Indoor games:

Carrom, Chess, Table Tennis, Tennikoit.

**Out door games :**

- Outdoor facilities include a 200-metre athletic track and courts for Basketball, Volleyball, Handball, and Throw Ball.
- Training is provided in various sports events such as Basketball, Yoga, Football, Volleyball, Cricket and Gymnasium.

**Cultural Activities**

To motivate and assist the secret talents among the students the institution arranges different social occasions. A spacious Amphitheatre, fully equipped and an Auditorium having a seating capacity of 600 people, Common Room and Multi-Purpose hall are available for the students to organize and participate in co-curricular, recreational in addition to cultural activities. It is used for conducting seminars, workshops, conferences, cultural events/ activities and co-curricular activities. This committee along with staff members and students of the college organizes an annual cultural function. The aim of the cultural event is to provide a platform for students to cabinet their talents and organizational skills.

**Yoga :**

- Yoga helps the students and faculty members to perform well in their Academic endeavors.
- Our college is celebrating International Yoga Day every year.
- Yoga teaches the importance of human body elements such as Brain, Conscience, Mind and Body
- Yoga sessions are carried out regularly for both boys & girls by a Yoga teacher.

**Gym :**

- Institution has a Power Gym for boys with facilities such as Bench Press, Tumbles, Cycling, Thread mill, Abdomen Bench, etc.
- The power gym facility is open from 6 AM to 8 AM in the morning and 5PM to 9PM in the evening including Sundays & holidays.
- Silambam and Karate training are also provided in the institution.



File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

#### 4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)

**Response:** 73.33

##### 4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 44

File Description	Document
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

#### 4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)

**Response:** 80.76

##### 4.1.4.1 Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
249.53	189.01	356.97	260.41	1425.04

File Description	Document
Upload Details of budget allocation, excluding salary during the last five years (Data Template)	<a href="#">View Document</a>
Upload audited utilization statements	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>

## 4.2 Library as a Learning Resource

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

##### Response:

The library is situated in a spacious building laid out functionally and comfortably. It houses over 28000 hard and soft volumes, CD-ROMS etc. The library subscribes to 143 National and International Journals in hard form. The library has computerized the whole spectrum of information and housekeeping operations. The bar code system is used for books circulation with biometrics bar-coded ID cards and scanners.

##### Facilities:

- Modern Digital Library with a high-speed internet access.
- Separate sections for Book Bank, Periodicals, Back volumes, Reference Materials and Project Materials are provided.
- AutoLib coding, Magnetic Scanner, Bar Coding facilities enable the user for faster accessing the Library.
- PAC (Online Public Access Catalogue) facility makes book searches easier with various options such as Title, Title/Author, Keyword(s) and Subject(s).
- A student database is created with the total number of students on the rolls. When new admissions are made their names are included and when a student completes the course or leaves the college for any other reason, the name is removed from the database and the membership deleted, after checking for any dues.
- A staff database is also created for all the staff. Each student and member of the staff is issued a Library card with unique number, which is the students roll number and staff code number. The color scheme for both students and staff membership is kept different for easy identification.

##### Library Automation and Computerization:

A Book database is created in the computer and is entered in the accession register as also for the Journals / Magazines which are updated for any additions or deletions. A student database is created in the computer with the roll numbers, student name, and number of tokens. A staff database is created in the system with name, membership number, token number and department. After the physical segregation of books under various disciplines, the same is carried out in the computer system program with interlinking accession numbers and call numbers. When books are issued, it is also entered in the computer. The member's number is entered and the accession number of the book or magazine borrowed by the member along with the date of issue and the due date. Book renewal can also be done in the same way.

##### Maintenance of Stock:

After every academic year a detailed stock verification is carried out to ascertain the list of books lost and /or damaged. The books that are damaged are reclaimed by binding. Books lost are listed out and brought under "Missing" category.

##### Project Corner:

Project work undertaken by the students as a part of their curriculum and also undertaken by faculties and completed successfully are kept in separate shelf with proper identification.

**Audio Visual Facility:**

Computers are made available to the students in the Libraries for reading the CD's.

**Local Area Network Facility:**

The Library has LAN facility. Through this, the, Library software can be accessed by the students from the server.

**Internet Facility:**

Library is provided with internet facility at the speed of 10 Mbps.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for Additional Information	<a href="#">View Document</a>

**4.2.2 The institution has subscription for the following e-resources**

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases
- 6.Remote access to e-resources

**Response:** A. Any 4 or more of the above

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership , Remote access to library resources, Web interface etc (Data Template)	<a href="#">View Document</a>

**4.2.3 Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)**

**Response:** 5.01

**4.2.3.1 Annual expenditure of purchase of books/e-books and subscription to journals/e- journals year wise during last five years (INR in Lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
6.74	6.05	5.51	4.96	1.79

File Description	Document
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the last five years (Data Template)	<a href="#">View Document</a>
Audited statements of accounts	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### 4.2.4 Percentage per day usage of library by teachers and students ( foot falls and login data for online access) during the latest completed academic year

**Response:** 4.33

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

Response: 52

File Description	Document
Details of library usage by teachers and students	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 4.3 IT Infrastructure

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

**Response:**

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, desktop computers with scanners and printers. The institution ensures essential periodic maintenance & updating of the college network. Based on the budget requirements submitted by the departments, the labs are being equipped with new infra by supplanting the outdated hardware. The entire campus is given Wi-Fi with bandwidth of 60 Mbps. The college is facilitated with 571 computers out of which around 536 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 centres

available in the campus. The LCD projectors are implemented with audio-visual systems. Each and every department has smart classrooms and seminar halls equipped with audio and high speed internet facility. The Library is equipped with digital login entry system to access on resources like NDL, DELNET, which facilitates focused searching so that learner's can find the right resource in minimum time. The entire campus is monitored by CCTV facility. The institution has ERP system, which provides various facilities for better administration. The institution provides licensed softwares such as ..... and open source softwares permitted by AICTE.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

#### 4.3.2 Student - Computer ratio (Data for the latest completed academic year)

**Response:** 2:1

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Student – computer ratio	<a href="#">View Document</a>

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

**Response:** A. 750 MBPS

File Description	Document
Upload any additional Information	<a href="#">View Document</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View Document</a>

### 4.4 Maintenance of Campus Infrastructure

#### 4.4.1 Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)

**Response:** 19.24

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

2020-21	2019-20	2018-19	2017-18	2016-17
47.01	116.89	72.55	71.53	54.60

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View Document</a>
Audited statements of accounts	<a href="#">View Document</a>

#### **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.**

##### **Response:**

The institution has a structured system for maintaining the utilizing the facilities available. PSVCET management team maintains the physical and academic support facilities.

The various responsibilities of the team are housekeeping activities, maintenance of Garden, Pert control, entire campus snag work etc. PSVCET deployed a supervisor. He will report to the maintenance manager regarding his observations on electrical, plumbing and housekeeping related issues/ complaints. The college provides transportations facilities for its faculties and student. A transport committee is constituted to addressed rectify any transport-related issues. The Institution's security is ensured by in house security guards in two shifts round the clocks.

#### **CLASSROOM AND SPORTS FACILITY MAINTENANCE**

The sports facilities of PSVCET are maintained by the physical education director. A stock register and an issue register are maintained to ensure the proper handling of the sports terms. Stocks verification of the sports items is conducted at the beginning of the each semester. Regular maintenance of the play area is conducted under the supervision of physical education director.

At the beginning of each semester the readiness of the classrooms and labs are checked by the facility management team. Regular inspection, maintenance of the furniture and class equipment is done on the regular basis.

#### **IT MAINTENANCE**

IT help desk is functioning in the campus for resolving the issues like hard ware trouble shooting, software installation, and network related issues.

#### **LIBRARY MAINTENANCE**

There is regular stock verification process carried out by the library. A file is maintained which contains the stock verification reports carried out at different intervals. Physical verification of the library stock is the process by which the accession register is tallied with the books in the library. It gives the overall picture of the available documents in the library. All the new and old books which could not be used for circulation have been kept separately. All the new books and journals are kept in the new arrivals racks for a period of two weeks or till the arrival of next journals.

### LABORATORY MAINTENANCE

All the laboratories are spacious and well-lit. Safety precautions are displayed in each laboratory. All the equipments in the lab are numbered and records are maintained. All necessary software are installed and maintained.

Periodical maintenance is carried out in all laboratories. In house servicing of the lab instruments are done every six months major repairs are outsourced by following the procedure of the institute. Consumables will be purchased every six months. Instruments are calibrated wherever required. All electrical wirings and grounding are done as per the norms. First aid box and fire extinguishers are provided wherever necessary.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

## Criterion 5 - Student Support and Progression

### 5.1 Student Support

#### 5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during last five years

Response: 80.12

##### 5.1.1.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2020-21	2019-20	2018-19	2017-18	2016-17
820	969	1083	1441	1398

File Description	Document
upload self attested letter with the list of students sanctioned scholarship	<a href="#">View Document</a>
Upload any additional information Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years (Data Template)	<a href="#">View Document</a>

#### 5.1.2 Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years

Response: 0.62

##### 5.1.2.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2020-21	2019-20	2018-19	2017-18	2016-17
14	03	12	04	08



File Description	Document
Upload any additional information	<a href="#">View Document</a>
Number of students benefited by scholarships and freships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View Document</a>

### 5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. ICT/computing skills

**Response:** A. All of the above

File Description	Document
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link to Institutional website	<a href="#">View Document</a>

### 5.1.4 Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years

**Response:** 21.76

#### 5.1.4.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
316	241	265	357	337

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 5.1.5 The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

1. Implementation of guidelines of statutory/regulatory bodies
2. Organisation wide awareness and undertakings on policies with zero tolerance
3. Mechanisms for submission of online/offline students' grievances
4. Timely redressal of the grievances through appropriate committees

**Response:** A. All of the above

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View Document</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View Document</a>

## 5.2 Student Progression

### 5.2.1 Average percentage of placement of outgoing students during the last five years

**Response:** 26.41

#### 5.2.1.1 Number of outgoing students placed year - wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
90	59	228	143	35

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Self attested list of students placed	<a href="#">View Document</a>
Details of student placement during the last five years (Data Template)	<a href="#">View Document</a>

### 5.2.2 Average percentage of students progressing to higher education during the last five years

**Response:** 15.57

**5.2.2.1 Number of outgoing student progression to higher education during last five years**

Response: 57

File Description	Document
Upload supporting data for student/alumni	<a href="#">View Document</a>
Details of student progression to higher education (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)**

Response: 60

**5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, etc.)) year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
1	2	1	0	0

**5.2.3.2 Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
1	2	1	0	0

File Description	Document
Upload supporting data for the same	<a href="#">View Document</a>
Number of students qualifying in state/ national/ international level examinations during the last five years (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 5.3 Student Participation and Activities

**5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.**

**Response:** 8

**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) year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
03	02	01	01	01

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national/international level during the last five year	<a href="#">View Document</a>
e-copies of award letters and certificates	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

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

**Response:**

P.S.V College of Engineering and Technology created different committees and Clubs for the involvement of the students in academic, co-curricular & extracurricular activities. These committees and clubs help the students in planning, organization, analysis, estimation, and execution along with troubleshooting, which assists in their comprehensive growth. These committees and clubs get concerned outside of the classroom to strengthen the learning that happens inside the classroom

**Class Committee:** Class Committee Meeting is totally used to focus to improve the class performance in academics and solving the students' issues regarding the classes. Class coordinators, Faculties and HoD unite to hear the reviews from the student of the concerned class. This is where they decided to give some extra coaching to classes to improve their performance and sometimes they even encourage a class's excellence.

**YRC, NSS:** Our College inculcates social values and responsibility to the students by involving them in

extension activities. These activities are carried out through the YRC and NSS units. Through extension and outreach programs, we are able to sensitize our students to develop social values, widen their responsibility, and provide practical knowledge in communal issues and problems by making them work with people of the society.

**Women's Empowerment Cell:** The cell aims to empower girl students and faculty, enhance their understanding of issues related to women and make the college campus a safe place and address the practical issues related to the welfare and equal opportunities for Women faculty, and students. This cell consists of ladies faculty from all departments.

**Anti Ragging, Grievance Redressal, and Sexual Harassment Cell:** The cell has been constituted for the redressal of the problems reported by the Student to the head of the institution. These cells have been established to prevent all academic-related issues, ragging, and sexual-related issues solved by the committee.

**Training and Placement Cell:** The full-grown Training and Placement cell of our college constantly monitors the employment opportunities available in various domains and arranges the campus interviews for the eligible students. There is a placement officer and student coordinator who provides students with their contact information for placement, to act as a link between the student, college, and the facility for placement.

**Extracurricular Activities:** Sports, Tamil mandram, Media cell, and Fine Arts Club were also formed and the student representatives take up the responsibility of obtaining permission to hold sports events for Inter-college events.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

### 5.3.3 Average number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions)

**Response:** 1.6

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

2020-21	2019-20	2018-19	2017-18	2016-17
2	2	2	2	0

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Report of the event	<a href="#">View Document</a>
Number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions (Data Template)	<a href="#">View Document</a>

## 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

#### Response:

PSVCET Alumni Association, Krishnagiri functions as a nodal agency for maintaining liaison with the alumni and involving them in the development and growth of the institution. It promotes and encourages the alumni to change professional knowledge by undertaking and easing conferences, forums, lectures, and meetings amongst alumni, scholars, faculty, and others. Alumni's are anticipated to increase the placement opportunities of the students. Alumni Day is being organized every time as a timetable event by the operation to bring the alumni of various departments to celebrate their recollections. The event supports placement, and career guidance for the present students. Alumni chapters are also encouraged and it helps to reach the good position. Alumni Fellow of the concerned departments plays a significant part in registering and organizing the Alumni day and Alumni chapter leading it to be a grand success.

#### 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

- Fostering alumni visits to a lot
- Helping alumni with Institute- related conditioning
- Furnishing job gate for alumni
- Encouraging giving back by alumni
- Lectures, auspices, mentoring, externships, placement
- Holding alumni reunions
- Feting exceptional alumni through awards
- Forming transnational chapters
- Forming public chapters
- Give scholars guidance for advanced studies and career development as and when needed by them, with help from alumni.
- To maintain a florilegium of all alumni in the different corridors of the world.
- To establish, promote and support the original chapters of the association in the different corridors of the world.

The integrity of any council is bound with the alumni as they are the backbones who spread the word about the institution and the operation to the forthcoming brains to establish their foundation of knowledge according to the word taken from the alumni of any institution. And so we take pride in our alumni over the times for being devoted to our institution and spreading generous words about the institution's standard in tutoring, organization support on innovative systems and equal support for sports and extra-curricular conditioning in order to make the scholars outmatch in colorful aspects of interest.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

#### 5.4.2 Alumni contribution during the last five years (INR in lakhs)

**Response:** A. ? 5 Lakhs

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Link for any additional information	<a href="#">View Document</a>

## Criterion 6 - Governance, Leadership and Management

### 6.1 Institutional Vision and Leadership

#### 6.1.1 The governance of the institution is reflective of and in tune with the vision and mission of the institution

##### Response:

Our Institution always aims to be a leading Institution in educating engineering to the students imbued with managerial skills and ethical values so as to offer a significant contribution to the human society.

##### VISION

Our slogan is innovation through excellence. We encourage creativity, promote innovation, build leadership and nurture teamwork.

##### MISSION

M1: To prepare the students with high professional skills.

M2: To become intellectually luminous and globally competitive.

M3: To undertake continuous assessment and remedial measures.

M4: To instill a spirit of innovation through excellence, ethical values and social stimulation.

M5: To enhance the competency in all spheres of academic activities.

##### QUALITY POLICY

To pursue worldwide standards of excellence in all our endeavors encompassing coaching, research, consultancy, and persevering with education and to stay focused in our core and help functions and in that course to hold ourselves responsible to our stakeholders, through embedded strategies of self-evaluation and improvement.

- Creating a culture of total quality as a way of life.
- Enhancing quality consciousness amongst staff and students

Transformation of the task - Our institution believes in transparency, participative management, and delegation of powers at diverse tiers, and therefore the vision & mission of our Institute were formulated primarily based at the worthy perspectives of stakeholders. The focal objective of the institution is to transform the students into productive citizens through an interactive and experiential learning process. Preserving in mind the capability effect of the future specialists on socio-economic growth through the introduction of employment, the institute chalked out a revolutionary exercise to reveal the students to the real environment of an organization.

##### Nature of Governance

Our Institution awards for Research, Best faculty in departments, Best students in departments, Best project work, Awards to the students excelling in the Academic, Co-curricular, and Extra-Curricular activities, etc The students are experiencing elevated skill levels in communication, presentation, collaboration, and articulation.

Well-established systems, processes, and guidelines had been advanced, approved by way of the control, and documented. Powerful management is ensured with the aid of forming numerous statutory Sub-Committees comprising representatives from all stakeholders viz., instructional Committee, Finance Committee, Internal Quality Assurance Cell (IQAC), Library Advisory Committee, Disciplinary Committee, training, and placement committee, women Empowerment cell, internal grievance Committee,



Grievance Redress Committee, Anti Ragging Committee, sports committee and so on., which contain within the institution's everyday activities and as a result, the executive and academic affairs are coordinated.

#### **Perspective/Strategic Plan**

Involving more numbers of faculty and students in consultancy and problem solving for industries through the Industry Institute Interaction Cell (IIICell)

Conducting more numbers of International and National Level Technical Conferences, Symposium, Workshops, and FDPs

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

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

#### **Response:**

The institution practices decentralization and participatory management in keeping with its belief in collective leadership and democratic traditions. The institution has in place several Committees to continuously monitor the academic and administrative activities. The committees comprise of key stakeholders including government, administrators, faculty, staff, industry, employer, alumni, parent and students. The Principal permits the HODs and staff members in performing freely in the academic and administrative activities. A decentralized functioning mechanism empowers the departments to function with a greater flexibility and at the same time they share the responsibilities.

### **CASE STUDY 1 : EXTENSIVE DELEGATION OF AUTHORITY TO THE HEADS OF THE VARIOUS DEPARTMENTS IN THE COLLEGE.**

Complete Academic freedom has been given to the department HoD for the development of Department and hence college. HoDs are given powers to take independent decisions regarding all academic matters right from academic calendar, organizing various student-centric programmes, monitoring and evaluating Teaching - Learning processes.

#### **The Ways in which Heads of Departments participate in the Management Process:**

- The Head of the Department oversees the Teaching Plans of his departmental members.
- HoD is empowered to prepare an academic calendar for his department and to allot teaching assignments and evaluation duties to his department faculty members.
  - At the beginning of each academic year, HoD often takes the lead in planning seminars, workshops, career counseling sessions, remedial measures, inter-departmental or/and inter-college exercises, and departmental Industrial visits and executing them successfully with approval from the Principal and Management.
  - 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.
- The Head gets feedback from all stakeholders and introduces the Value Added Courses in the area of industrial need through approval with IQAC and GC.

## **CASE STUDY 2: DELEGATION OF AUTONOMY TO ACADEMIC & ADMINISTRATIVE AUDIT COMMITTEE (AAAC).**

### **Role of AAAC**

**ACADEMIC & ADMINISTRATIVE AUDIT COMMITTEE (AAAC)** is a centralized (college level) committee responsible for supervising, modulating, and executing the various academic actions & guidelines. It is purposely formed for the continuous & reliable monitoring of the academic work of all departments of the Institute. The Purpose of the Audit is to provide the opportunity for a regular strategic overview of a Department's Teaching and Learning activity.

### **Committee Member Hierarchy:**

AAAC is headed by the Chairman who is the Principal of the institute. Other members of the committee are Head of Departments and Subjects Expertise for respective subjects, class teachers, and exam in-charge.

### **SOP for AAAC:**

The academic audit is conducted in the institution by an internal expert committee (AAAC: Academic & Administration Audit Committee) constituted by the Principal. During AAA Process, the Audit team visits all departments and has discussions with the faculty members about the academic programmes, curriculum, research activities and utilization of the infrastructural facilities meant for teaching, learning, and research.

### **Outcome:**

An academic audit reviews the processes and procedures used by Departments to enhance the quality of their Programs in terms of program objectives and ensure graduate attributes as program outcomes as defined by each Department are achieved against the stipulated targets for which standard practices and processes need to be put in place.

<b>File Description</b>	<b>Document</b>
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

## **6.2 Strategy Development and Deployment**

### 6.2.1 The institutional Strategic / Perspective plan is effectively deployed

#### Response:

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 been provided with eminent knowledgeable faculty, and they work on its strategic plan to achieve the goal. Well-equipped laboratories, computer centers and provides sources for research such as library, computers provision etc. The college academic council advises the Governing body on suggestions related to academic affairs in order to suggest to the Government body institutions for grants, scholarships, associations, and rewards. It offers eminence technical education, research and development activities related to receiving grants, and funds from different agencies.

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 chalk out the necessary actions to be taken to grow and develop.

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

1. To improve university ranking.
2. To receive institutional awards
3. To Increase R & D work.
4. To get research centre approval from Anna University.
5. To sign MoUs with Foreign Industries.
6. To participate in Institutional Surveys and get ranking conducted by Government and Non-Government agencies.
7. To Increase Entrepreneurial Awareness activities.
8. To start incubation centers in various departments.
9. To get NAAC and NBA accreditation for all the UG & PG programmes.
10. To establish Centre of Excellence in each department.
11. To establish Industry supported labs.
12. To receive funds from government and nongovernment agencies.
13. To take initiatives for Patent filling.
14. To get NIRF ranking.
15. To get Incubation Centers Funded by MSME.
16. To actively participate in community-based programs like Swachh Bharat, Sapling plantation programs, blood donation camps, NSS activities, etc.

#### One activity successfully Implemented based on the strategic plan:

##### Activity sixteen was successfully completed

Higher Education and Ministry of Education honors educational Institutions in each District for successfully setting up the Swachhta Action Plan Committee by adopting and implementing best practices in the areas of Sanitation, Hygiene, Waste Management, Water Management, Energy Management, and Greenery Management under Mahatma Gandhi National Council of Rural Education (MGNCRE). And also Educational Institution needs to contribute in Swachhta Education and practice as an extension activity. P.S.V College of Engineering and Technology has won the Green champion Award for organizing

and conducting such a participative extension activity for society. Krishnagiri District Collector Dr. V. Jaya Chandra Bhanu Reddy, IAS, handed over the Green champion award to PSVCET, Krishnagiri.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
strategic Plan and deployment documents on the website	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

### 6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules and procedures, etc.

#### Response:

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.

**Governing Council** comprising the Chairman of the Institution as the Council Chairman, P.S.V.College of Engineering and Technology and Principal, Experts from Industries and Academia, a nominee from Anna University, Institution faculties, and Special Invitees are its members. The Council meets every year, reviews the academic and administrative issues and progress, and provides guidance and measures to maintain high standard 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:

**Chairman** - of the institute are 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 Plan, design, monitor, lead and control the activities of the department to ensure the achievement of highest standards.

### Training and Placement Officer

- Facilitate career guidance to students.
- Student Training and Placement.
- Arrange campus interviews.
- To maintain complete information regarding students appearing for placement activities.
- To conduct placement activities smoothly
- To update and maintain the contact details of companies interested in recruitment activities.
- To send invitations to industry and company for campus recruitment and notify the students about the events and take necessary action.
- To take necessary actions for pre-placements.
- To arrange Training and Soft skills as per requirements of Companies / Industries.

### LIBRARIAN

- Accountable to manage library as well as the digital library of the college.
- To prepare and monitor the library budget relating to the library/Digital library.
- Coordinate with departments' library in charge for smooth functioning of department's library.
- To provide all statistical information pertaining to the library.

### TRANSPORT IN-CHARGE

- Receives requests/applications from students and staff for seats in college buses and allots routes, on first – cum–first served basis and issues bus passes.
- Fixes bus routes, and stages, allocates vehicles and drivers on the routes, in consultation with Administrative Officer and with the approval of Principal.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>
Link to Organogram of the Institution webpage	<a href="#">View Document</a>

### 6.2.3 Implementation of e-governance in areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

**Response:** A. All of the above

File Description	Document
Screen shots of user interfaces	<a href="#">View Document</a>
ERP (Enterprise Resource Planning) Document	<a href="#">View Document</a>
Details of implementation of e-governance in areas of operation, Administration etc	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 6.3 Faculty Empowerment Strategies

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

**Response:**

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

The institution supports the faculty members and non-teaching staff to enhance their professional development by:

Permitting On-Duty to the faculty members with 100% sponsorship for attending Faculty Development Program on subjects, attending seminars, workshops, and conferences. Encouraging faculty members to associate with State, National, and International professional bodies. Encouraging participation of faculty in workshops, orientation programs, refresher courses, seminars, workshops, and conferences organized by primer institution. An exclusive induction training for new faculty members. Expert lectures on advanced technologies are organized regularly. Awarding good performers every year on special occasions like Achievers Award functions and Annual Day.

**There are well-defined strategies in our campus for faculty empowerment through training and motivation.**

Senior faculty assess the performance of new faculty members and provide peer feedback for their improvement in teaching – learning process. Department Head of the Department deliver lecturer on effective conduction of theory and laboratory sessions for faculty members. Department Head of the Department train the faculty members on effective maintenance of department file system. All faculty members are deputed to attend Faculty Development Program that are conducted at various institutions. If any faculty still feel difficult to handle the subjects will be sent for training once again in the consecutive semesters.

**Measures were taken by the institution for attracting and retaining eminent faculty**

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

Fifteen days vacation for teaching faculty members and 15 days for nonteaching staff. Maximum 25 days On-Duty per year for faculty members. 12 days of Casual Leave per year. One week of Wedding leave (Adjusted in Vacation). Free transportation for both the faculty members and non-teaching staff members. Faculty members and non-teaching staff are eligible to avail CL working for the institute on non-working days and general holidays. The faculty members and non-teaching staff shall avail permission for emergency purposes during their working day without affecting their academic work and non-academic work. Each faculty member shall avail of 1 hour of permission in a month. Faculty members interested in pursuing a Ph.D. on Part- Time basis shall submit an application to the management through the principal seeking permission for registration. The college shall grant On Duty to the Ph.D. scholars to meet their supervisors for discussion related to their research, in addition to the On Duty for writing the coursework examination at the end of the first semester/second semester. The faculty member who is in the completion of his/her research work and ready to submit the thesis shall be granted a special leave of 1 month during summer vacation to enable him/her to write the thesis for submission. The institute provides EPF Scheme to its entire non-teaching staff. Every month the specified amount will be deducted from the employee's salary and deposited along with the management's share to the Employee PF Account. The employee can contact the institute accountant/administrative staff for further details.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

### 6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

**Response:** 43.3

#### 6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
50	41	48	41	43

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Details of teachers provided with financial support to attend conference, workshops etc during the last five years	<a href="#">View Document</a>

**6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years****Response:** 6.2**6.3.3.1 Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
7	6	6	7	5

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Reports of the Human Resource Development Centres (UGC ASC or other relevant centres)	<a href="#">View Document</a>
Reports of Academic Staff College or similar centers	<a href="#">View Document</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff	<a href="#">View Document</a>

**6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course ).****Response:** 15.53**6.3.4.1 Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
16	16	16	16	16



File Description	Document
Upload any additional information	<a href="#">View Document</a>
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View Document</a>
IQAC report summary	<a href="#">View Document</a>
Details of teachers attending professional development programmes during the last five years	<a href="#">View Document</a>

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

#### Response:

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. Every year all faculty members and staff have to submit a comprehensive self-assessment report through their heads of the department to the Principal. The faculty evaluation form includes their contribution to the teaching-learning process, research, and consultancy, administration, and service.

#### Teaching Learning Process:

- Percentage of a pass in University exams (Odd & Even).
- Students Feedback.
- Activity for uplifting slow learners.
- Faculty Communication Skill development.

#### Research and Consultancy:

- Journal Publication of technical papers.
- Publications of books.
- Guided projects.
- Ph.D. completed.
- Conference papers – oral presentation in the reputed conference. (National / International)

#### Department and Institutional Development

- Faculty contribution to 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 committee.

#### Awards and Recognition

- Awards won at state, national and international levels.
- Recognition such as peer reviewer, guest lecture, and board of study members.

### Administration and Service

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

The accomplishment of this evaluation process is the development of the institution along with the self-growth of every faculty member. The feedback for each faculty is taken department-wise and sent to department heads with a copy to the Principal. The department heads discuss the same with the faculty on a one-to-one basis and appreciate or counsel depending on their feedback.

### Implementation of Supporting Staff Appraisal System

At the end of each academic year, all the supporting staff submits their performance appraisal form, which includes the following parameters,

- Personal Traits
- Administrative Skills
- Work-related Skills
- Contribution to college activities

The department head evaluates the appraisal form and the report is submitted to the principal for the further process. The performance appraisal process of the year comes to the final stage with one-to-one discussion. The Management plays an active role in the performance appraisal of the faculty and staff. Every year department wise best faculty, best researcher, and best-supporting staff award will be given based on their performance appraisal. This motivates all other faculty members to perform well in academics and research. The department heads and the Principal identify the areas of improvement like Journal Publication of technical papers, attending seminars, workshops, National and International conferences, Publications of books, and Guiding projects and suggest the required Faculty Development Programs in the coming years.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

## 6.4 Financial Management and Resource Mobilization

### 6.4.1 Institution conducts internal and external financial audits regularly

**Response:**

The P.S.V College of Engineering and Technology Institution has established a mechanism for conducting internal and external audits on financial transactions every year to ensure financial observance. An internal audit is conducted yearly once by the internal financial committee of the institution. The committee thoroughly verifies the income and expenditure details and the observance report of the internal audit is submitted to the management of the institution through the principal. An external audit is conducted once every year by an external auditor.

**The mechanisms used to monitor the effective and efficient use of financial resources are as below:**

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 college budget includes recurring expenses such as salary, electricity, internet charges, maintenance cost, stationery, other consumable charges, etc., and non-recurring expenses like lab equipment purchases, furniture, and other development expenses. The expenses will be monitored by the accounts department as per the budget allocated by the management. The depreciation costs of various things purchased in the preceding years are also worked out.

The financial resources obtained from the above-mentioned sources are allocated and channelized for their respective activities. The funds are used for the student academic activities such as organizing the symposium, sports, cultural and other activities, and cash prizes for the winners of other college students in the technical events arranged by this Institute. The students are provided the placement training, development programs, value-added courses, awards given by the trust, cash prizes for the rank holders, guest lecture sessions, and industrial visits are provided with this fund. For each academic year, the institution has a plan for the effective usage of budgeted funds.

**Process of the internal audit:**

All vouchers are audited by an internal financial committee on a yearly basis. The expenses incurred under different heads are thoroughly checked by verifying the bills and vouchers. If any discrepancy is found, the same is brought to the notice of the principal.

**Process of the external audit:**

- The accounts of the P.S.V College of Engineering and Technology are audited by a chartered accountant (CA) regularly as per the government rules.
- The auditor ensures that all payments are duly authorized after the audit, and 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.
- The institution did not come across any major audit objection during the preceding years. 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	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

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

**Response:** 40.2

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

2020-21	2019-20	2018-19	2017-18	2016-17
9.45	8.75	8.2	7.6	6.2

File Description	Document
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Annual statements of accounts	<a href="#">View Document</a>

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

**Response:**

##### Strategies for Mobilization of Funds

The P.SV College of Engineering and Technology, Students' admissions are based purely on Tamil Nadu Government Higher Education norms Following the norms laid by the Fees Fixation Committee of State Government, fees amount is collected from each student The fee amount is deposited in the Public sector banks as short term deposits The fees and the interest earned from the deposits are utilized for the development of the college and towards recurring expenses like salaries, electrical maintenance, and vehicle fuel, infrastructural maintenance, etc.

P.S.V College of Engineering and Technology utilized towards recurring expenses, term loans and Hire Purchase Loans from Public sector Bank at a minimum rate of interest is availed. This amount is utilized for the development of infrastructural facilities and to purchase the latest laboratory equipment, updated version of the software, and others. Regularly some Grants received from AICTE and other sponsorships from various organizations including Professional Bodies to conduct various Symposiums, Workshops,

Seminars, National and International Conferences, and other similar activities are also obtained Grants from the various research and development funding agencies are applied to support the research activities of students and faculty. The innovation activities were supported by AICTE funding. Now supported by MSME Incubator Center chains students' project work and development activities Subsidies by the government and applied for the Green initiative projects also this amount is utilized for Green infrastructure development in the college atmosphere and for waste management activities. The College gets various sponsorships from industries, private firms, and individuals for labs and libraries in the form of models, equipment, books, etc. The P.S.V College of Engineering and Technology College is functioning under St.Joan's Educational Trust. The Corpus funds of the Society are also allocated to the college.

### Optimal Utilization of Recurring Expenses

A clear budget is prepared well before the academic year begins and the expenses are reviewed by the financial advisor. The budget includes day-to-day operational and administrative expenses and maintenance of the fixed assets Students' fee collection is utilized for salary to staff, academic activities, and payment of bank interest Bank loans and donations received from well-wishers and philanthropists are efficiently utilized for the infrastructure development of the college. Adequate funds are utilized for the development and maintenance of very good infrastructure for the college Funds are also allocated for social service activities as a part of social responsibility.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

## 6.5 Internal Quality Assurance System

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

#### Response:

IQAC in any institution is a significant administrative body that is responsible for all quality matters. It is the prime responsibility of IQAC to initiate, plan and supervise various activities that are necessary to increase the quality of the education imparted in an institution or college. To enhance the quality improvements in the academic process and also as a pre-accreditation exercise IQAC was formed in our institution on 04.05.2015. The cell is coordinated by a team of faculty members from all the departments.

#### Objective:

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.

### **Functions of IQAC:**

The IQAC at P.S.V. College of Engineering and Technology helps with proper academic planning, execution, monitoring, and evaluation. IQAC is responsible for

- Continuous evaluation of academic performance
- To help students gain hands-on experience in the functioning of the industry and further prepare them for industrial jobs, a Memorandum of Understandings (MoUs) are signed between various organizations.
- Conducting Internal Quality Audits periodically to verify the effectiveness of measures taken in reaching the quality parameters.
- Through the cells formed, various technical events will be conducted relevant to their latest technology.
- To improvise the Teaching-Learning process through ICT usage in classrooms, training, workshops, Remedial classes for slow learners, etc.,
- Initiation of Outcome-Based Education
- Conduct of Institution – Industry Interaction
- Conduct Value-Added Courses, Certificate Courses, and Vocational Education Training

IQAC organizes several Quality initiative programs for faculty and students.

### **Quality assurance strategies and processes**

#### **Academic Audit**

IQAC organizes regular academic audits to ensure effective implementation of the teaching-learning process and maintenance of course files.

#### **Choice-based credit system**

The CBCS or Choice Based Credit System offers an effective learning platform for students by broadening the horizons of education. It is a student-centric course that allows students to choose their subjects. The subjects can be at a basic or advanced level. Instead of the conventional marking system, the CBCS system uses credits. CBCS emphasizes group discussions, assignments, class activities and internal examinations thus creating a beneficial education environment.

#### **Feedback Monitoring:**

IQAC insists on a feedback collection and monitoring system for bringing about improvements in the Quality of the Teaching-Learning process and the Institution as a whole. Department-wise, Feedback is collected regarding the teaching-learning process. Feedback is also collected from the students regarding the Value-added course, Certificate course and Vocational Education Training Course conducted as a part of co-curricular activity. Suggestions are also invited for the betterment of the course. The feedback thus collected increases the opportunity for further improvements to be made to the program and enable the institution to know the number of beneficiaries.

Conducting course file audits has become an integral part of quality assurances in educational institutions. IQAC through the departmental heads instructs to conduct Course File and Lab Manual Audit

and review. Systematic schedules are drawn and circulated prior in advance for the conduct of the Audit. Inter-Departmental Internal Audits are conducted once every semester to monitor and review the course objectives, course plan, handouts, course materials, Lab Manuals, and other course-related materials. The details are recorded and submitted to the IQAC Committee for review.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

**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 ( For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives )**

**Response:**

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.

**Following are the innovative processes adopted by the institution in Teaching and Learning:**

- 1.Introduction of Value added courses, Certificate courses & Vocational Educational Training to complement the present curriculum.
- 2.Initiating Outcome Based Education 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 Teaching-Learning Process
- 4.Through Industry-Institute–Academic collaborations, guest lectures are arranged on advanced topics by Eminent Academicians and Industry experts.
- 5.Conduct quality initiate 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 Contributions to effective Teaching & Learning processes are as follows:**

- IQAC organizes regular academic audits to ensure effective implementation of teaching-learning process and maintenance of course files.
- Exams monitoring through 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).

## TWO EXAMPLES:

### 1. Value-Added Course, Certificate Course, and Vocational Education Training

IQAC assesses the quality of the various value-Added Course, Certificate courses, and Vocational Education Training courses through proper monitoring and analysis of the feedback collected. Verification of the approval of the courses from the Principal is made. The Time table schedules and faculty allotted for the course are verified. The student's attendance for the course is monitored.

The feedback forms collected at the end of each course are analyzed and further improvements if needed are made in the course. The feedback monitored is assessed and is used to derive information about the beneficiaries of the course.

### 2. Internal Exams monitoring

IQAC assesses the Question Paper Format and Syllabus Coverage for Internal and Model Examinations through the respective HODs. It also verifies the availability of Invigilators and monitors the schedule and timings for the conduct of the exams. The HODs verify that the Question papers are set as per Bloom's Taxonomy and the percentage of attainment of course outcome. Consolidated marks statements and the list of failures are prepared. The mentor-Mentee allotment is made and Remedial classes for the slow learners are conducted.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>



**6.5.3 Quality assurance initiatives of the institution include:**

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
- 2.Collaborative quality initiatives with other institution(s)**
- 3.Participation in NIRF**
- 4.any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

**Response:** B. 3 of the above

<b>File Description</b>	<b>Document</b>
Upload e-copies of the accreditations and certifications	<a href="#">View Document</a>
Upload details of Quality assurance initiatives of the institution	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>
Paste web link of Annual reports of Institution	<a href="#">View Document</a>

## Criterion 7 - 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 last five years.

##### Response:

PSV College of Engineering and Technology's goal is to groom its college students of each gender to be self-reliant, non-stop learners, powerful communicators, have an appreciation of exceptional cultures, conscious of their social responsibilities, and aware of sexual harassment with zero tolerance.

The prime objective is to handle engineering which fulfills the human society's desire to draw attention to gender equality. 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 - It is obvious that in our society the womenfolk nevertheless deal with the humiliation and sexual harassment and so you can throw away this knowledge as many the college students are largely deserved. Hence, so as to instill an experience of the subject and to handle the girl's empowerment, diverse packages on gender fairness are carried out in our Institution.

Women Empowerment Cell is correctly functioning in our Institution as a way to gain the empowerment of womenfolk which facilitates the female college students in all walks of life. It targets growing attention concerning their rights and responsibilities through engaging in numerous Seminars, Guest Lectures, different welfare sports, etc., and thereby they are made emboldened to seek very own approaches and manner to manage their issues. The Cell acts as a super-platform for girls to percentage their point of view and stories concerning their popularity in society and growing criminal attention among teachers, the administrative team of workers, and college students. On the whole, the Cell additionally targets the intellectual and social development of female college students through sparing worth counseling, anyplace required. Thus Women's Empowerment encourages selling gender equity.

A well-set up Mentoring System - is a critical platform of our Institution supposed for the advertising gender fairness wherein the affected person and analytical listening to the problems being tackled by the way of college students in addition to educational profession and to fix up them to tune the approaches and way to take away such problems on their very own way by means of supplying ethics and human values in the expert and private existence. When a counselor reveals the challenge of finding out the employee's difficulty is beyond their limit, the student is directed to the precise individual via the mother and father to assist the student in resolving it.

Student Council - is every other effective device of our Institute which guarantees concord a number of the college students, college and management. For making sure absolutely the protection of womenfolk on the campus, protection guards are published on the prime factors, and Wardens making sure the protection of lady college students inside the hostel. In addition, surveillance of the campus and hostel is done by CCTV cameras established at all of the junction factors.

File Description	Document
Link for specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="#">View Document</a>
Link for annual gender sensitization action plan	<a href="#">View Document</a>

### 7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

1. Solar energy
2. Biogas plant
3. Wheeling to the Grid
4. Sensor-based energy conservation
5. Use of LED bulbs/ power efficient equipment

**Response:** A. 4 or All of the above

File Description	Document
Geotagged Photographs	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

### 7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- Solid waste management
- Liquid waste management
- Biomedical waste management
- E-waste management
- Waste recycling system
- Hazardous chemicals and radioactive waste management

**Response:**

As to keep the environment clean, P.S.V College of Engineering & Technology initiated Rain Water Harvesting, Use of renewable energy, No smoking Zone, Waste Management system in the Institution started. To provide a greener environment number of trees were planted and maintained which gives an aesthetic appearance inside the campus. Students and Faculties were also actively involved by knowing their perspectives about the waste management techniques in the campus.

#### 1. Solid Waste Management

- As a Green Campus, our Campus has taken efforts to go on with it. 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 for monitoring the waste which is generated. Once the container is filled the wastes are collected by the municipality.
- The generation of waste is reduced as much as possible by creating awareness among the students.

## **2. Liquid Waste Management**

- Liquid Waste Management improves water usage in an effective manner. Liquid waste generated from washrooms is directed to the septic tank.
- Waste water from the kitchen, washbasin, is used for the gardening purpose in Hostel whereas in labs the waters without 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.

## **3. E-Waste Management**

- Less amount of E-Wastes are being generated in our campus because the computers, printers, CCTV cameras, cables, and scanners are often serviced and reused.
- The broken and nonreusable E-wastes are stored in a separate room and disposed 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.
- The route boards are shredded and used in project works as a replacement material and the strength of the material is investigated.

## **4. Waste Recycling System**

- In order to use the wastes which are generated in a useful and effective manner recycling systems were provided.
- Biodegradable wastes are collected and used for biogas production which is located in our college campus.
- Separate containers for plastic wastes, Paper waste, and Glass wastes are provided which decreases the problem of separation of waste for recycling.
- The collected wastes are supplied to recycling vendors.

File Description	Document
Any other relevant information	<a href="#">View Document</a>
Link for Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View Document</a>
Link for Geotagged photographs of the facilities	<a href="#">View Document</a>

#### 7.1.4 Water conservation facilities available in the Institution:

1. Rain water harvesting
2. Borewell /Open well recharge
3. Construction of tanks and bunds
4. Waste water recycling
5. Maintenance of water bodies and distribution system in the campus

**Response:** B. 3 of the above

File Description	Document
Geotagged photographs / videos of the facilities	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>
Link for any other relevant information	<a href="#">View Document</a>

#### 7.1.5 Green campus initiatives include:

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. Landscaping with trees and plants

**Response:** A. Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	<a href="#">View Document</a>
Geotagged photos / videos of the facilities	<a href="#">View Document</a>
Any other relevant documents	<a href="#">View Document</a>
Link for any other relevant information	<a href="#">View Document</a>

#### 7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution and any

**awards received for such green campus initiatives:**

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

**Response:** A. Any 4 or all of the above

<b>File Description</b>	<b>Document</b>
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View Document</a>
Certification by the auditing agency	<a href="#">View Document</a>
Certificates of the awards received	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

**7.1.7 The Institution has disabled-friendly, barrier free environment**

- 1.Built environment with ramps/lifts for easy access to classrooms.**
- 2.Divyangjan friendly washrooms**
- 3.Signage including tactile path, lights, display boards and signposts**
- 4.Assistive technology and facilities for 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**

**Response:** A. Any 4 or all of the above

<b>File Description</b>	<b>Document</b>
Policy documents and information brochures on the support to be provided	<a href="#">View Document</a>
Geotagged photographs / videos of the facilities	<a href="#">View Document</a>
Details of the Software procured for providing the assistance	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>
Link for any other relevant information	<a href="#">View Document</a>

**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 500 words).**

**Response:**

Sustainable Development and sustainability have played an increasingly important role in engineering education over the last 20 years but more needs to be done. The infrastructure – inequality – resilience nexus is in many respects an integration issue. More integrated approaches to infrastructure and resilience that respects social aspects can be accelerated by actively supporting the integration of sustainability into tertiary-level education. It is widely expected that engineering graduates should have:

- An ability to analyze social and environmental aspects of engineering activities. Such ability includes an understanding of the interactions that engineering has with the economic, social, health, safety, legal, and cultural aspects of society, and the uncertainties in the prediction of such interaction.
- Demonstrate critical awareness of the sustainability and impact of engineering activity on the social, industrial, and physical environment.
- Understand and evaluate the sustainability and impact of professional engineering work in the solution of complex engineering problems in societal and environmental contexts.

Clearly, there is a great deal already going on in engineering education around the world, but it would benefit by being more broadly integrated into tertiary-level education. Engineering graduates would benefit by gaining a more holistic understanding of sustainable development and the role that engineering can play in meeting important social and economic goals.

**Actions for Consideration**

- Encourage the engineering aspirants to define needed changes in engineering education for sustainable development.
- To spearhead the engineering aspirants on the exact path towards sustainable development.
- Use existing technical resources to support and encourage sharing of resources on teaching and learning about sustainable development and for the development of both the faculty and the student community.

**Pongal Celebration** is an auspicious day for all Tamil people which is celebrated every year in the first day of Tamil month called “Thai” in the middle of January. It is a thanksgiving celebration to honor farmers by worshipping the sun, cow, and agricultural fields.

In our college, the Tamil festival “Pongal” is celebrated to create awareness among the students and faculty members. It is also called a “Samathuva Pongal” which means Pongal by all kinds of people irrespective of caste and creed. It creates the importance of this traditional festival to all the students from various states of our country.

**Mother Language Day** 2nd February, Languages are the most powerful instruments for preserving and developing our tangible and intangible heritage.

**Socioeconomic Diversity** It’s also important for students to celebrate and respect their own diverse backgrounds, as well as each other. When appropriate, teachers should encourage students to research and learn about their own ethnic and cultural backgrounds.

File Description	Document
Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View Document</a>
Link for any other relevant information	<a href="#">View Document</a>

### **7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).**

#### **Response:**

PSVCET organizes several programs apart from preparing a sound academic foundation for the student community. The college constantly works to develop them as better citizens of the country. The institute along with imparting professional legal education also inculcates a feeling of oneness among the student community through various practices and programs. Many of the subjects offered have topics that sensitize the students about the constitution. In this subject, students study various concepts related to cybercrime, Organ Donation, Anti-Corruption, Ethics at Work Places, rights and responsibilities of voters, etc. Various faculties have always been in the practice of organizing activities that not only initiate but also motivate the students to adopt various practices which help to a greater level for the betterment of mankind. Various events conducted in the Institute for inculcating values for being responsible citizens are given below:

#### **Rights and Responsibilities of Voters:**

The College has conducted a Voter awareness programme for all the students and was sensitized about their constitutional powers of voting to choose the right leader for the society.

#### **Cyber-crime awareness:**

PSVCET organizes an awareness program on cyber security to educate the students about the different various problems occurring while surfing the internet and legal and regulatory framework to enable safe and vibrant cyberspace.

#### **Traffic Rules:**

The College conducted an awareness program on traffic rules to educate the students and staff members about the various problems occurring on the road by disobeying the traffic rules and also insisted on the importance of wearing helmets.

#### **Ethics at Work Places:**

The awareness program reflects the values of the organization and industry-specific standards. Through this, the employees across the organization give them the opportunity to become more sensitive and attuned to ethics in the workplace and recognize situations where ethical choices and actions contribute to a healthy and safe work environment. Such awareness contributes to trust and motivation.

#### **Anti-Corruption:**



The anti-Corruption program aims to share good practices and examples of preventing and countering corruption. The college organized an awareness program on Anti-Corruption to the students through knowing policies, systems, and measures that need to be in place for people to be able to speak up and say no to corruption as these measures contribute to effective, accountable, and transparent institutions towards a culture of integrity and fairness.

#### **Awareness program on Blood and organ donation:**

PSVCET aims to create awareness and attitudes regarding organ and blood donation among the students and staff members to motivate them for organ and blood donation for the betterment of mankind.

<b>File Description</b>	<b>Document</b>
Link for details of activities that inculcate values necessary to render students in to responsible citizens	<a href="#">View Document</a>
Link for any other relevant information	<a href="#">View Document</a>

#### **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.**

- 1. The Code of Conduct is displayed on the website**
- 2. There is a committee to monitor adherence to the Code of Conduct**
- 3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff**
- 4. Annual awareness programmes on Code of Conduct are organized**

**Response:** A. All of the above

<b>File Description</b>	<b>Document</b>
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	<a href="#">View Document</a>
Code of ethics policy document	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

#### **7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).**

**Response:**

PSVCET organizes several national and international commemorative days, events, and festivals with

enthusiasm. The students joined together to celebrate and to their improve great personalities through the programs conducted on these days. Through these programs, students can remember the dignified scholars' super-great services to the nation. The main reason we celebrate festivals is to honor them and to inculcate their great principles in the students. Celebrations also give a sense of enjoyment, and relaxation and offer the time needed to bond with students. Celebrations enable the student to have a good time and demonstrate what is important to them and their future. This Celebration will help the student to have a good understanding of the culture, characteristics, and purpose of the celebration so our management is concerned with great personalities anniversaries celebrated in front of students and teachers to make service mind. Major celebrations during the last five years are below:

### **World Environment Day:**

As Environment pollution becomes a serious issue. Nowadays, it becomes a necessity to create awareness on environmental issues to save our earth. World environment day is observed on June 5th every year to make the people aware to keep the environment clean.

### **National Sports Day**

Sports are one of the wonderful ways to instill qualities among young minds. Sports Day was celebrated by our college in august every year. Sports day brought out qualities like discipline, determination, teamwork, and a passion for the fitness of students.

### **Independence Day and Republic Day:**

Independence Day and Republic Day are celebrated every year in the Institution. Management members of the Institution, staff members, and students attend the flag hoisting ceremony.

### **Teachers' Day:**

Dr. Sarvepalli Radha Krishnan's Birthday is celebrated on September 5th every year as Teachers' Day. An eminent academician is identified and felicitated every year on this occasion.

### **Engineers Day:**

As a tribute to the greatest Indian Engineer, Sir Mokshagundam Vishveshvaraya on his birth anniversary the institute celebrates Engineers Day every year in September. Various technical programs are conducted to mark this occasion.

### **National Education Day:**

National Education Day is celebrated as a mark of respect and to commemorate the birth anniversary of freedom fighter and independent India's first Education Minister, Maulana AbulKalam Azad. National education day celebration is strengthening our educational institutions and to raise the quality of education to greater heights.

### **National Science Day:**

As a Tribute to the great Indian Scientist, Sir C.V. Raman, his birth anniversary, is celebrated as National

Science Day in February. All the academic blocks and the Learning Resource Centre on the campus are named after the great Indian Scientists and academicians as a mark of respect for their contributions.

### National Students' Day:

National Students' Day is celebrated on 15th October across the globe to mark the birth anniversary of an Indian Aerospace scientist, Bharat Ratna **Dr. A.P.J Abdul Kalam**. On this occasion observed many scientific, academic, and spiritual progress of the students.

File Description	Document
Link for Annual report of the celebrations and commemorative events for the last five years	<a href="#">View Document</a>
Link for Geotagged photographs of some of the events	<a href="#">View Document</a>
Link for any other relevant information	<a href="#">View Document</a>

## 7.2 Best Practices

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

**Response:**

### **Institutional Best practice: 1**

**7.2.1 Title of the Practice: Creating Awareness Programme on “Tree plantation” and “Plastic ban”**

#### **Objectives of tree plantation Practice**

Our Institution is one of the prestigious Institutions in Krishnagiri District and the main objective of the awareness program is to empower the school students to give back to nature and live in an environment conducive to their health and well-being.

- To engage the school students in various organizations and make the students understand the importance of tree plantation growth and environmental conditions.
- To explain the advantages and usage of tree plantations like conserving biodiversity, providing shade, prevent from erosion and improving the water and air quality, etc.
- To explain the awareness of the dangers of deforestation.
- To explain the importance of planting trees around the house or school which can provide shade and cooling effects in summer helps to save money and to reduce electricity uses.
- To monitor and support communal forestation efforts.
- Due to global warming, affects changes in temperature and causes disasters, floods, heatwaves, and

higher sea levels. So we can minimize those problems by giving awareness to tree plantations and Saplings.

- Some of the trees absorb toxic chemicals and also suppress the greenhouse gas effects by trapping heat and producing life-giving oxygen.

### **The Context**

P.S.V Group of Education Chairman Dr.P.Selvam and Secretary Dr.S.Vivek both said that this is a testimony to our commitment towards institutional social responsibility, clean India, and self-reliant India with utmost sincerity. The college has always mobilized resources for various pro-environment events, such as cleanliness and plantation campaigns in and around the campus. The vision of transformational change in rural development processes by knowledge institutions would help to build the architecture of an Inclusive India.

Our College adopted around 200 schools and the students participated in this awareness program.

### **The Practice**

Overall 200 NSS student Volunteers and 100 faculty members of P.S.V College of engineering and Technology are involved in conducting tree plantation awareness programs in various schools. In each school, two faculty members and 5 students have participated and conducted an awareness program for 600 to 800 school students in various places. Every year our college conducts a tree plantation awareness programme for 200 schools and around 10,000 students participated and benefited.

### **Evidence**

School students were highly energetic to make the event a big success. A spirit of teamwork, exchange of ideas and enthusiasm of the participants especially among the students could be seen. After the awareness programme the concerned school HM said that they planted more than 50 trees and the trees are growing well in their campus. The staff and students are feeling good to have green environment in the school campus.

### **Problems Encountered and Resources Required.**

Aside from the significance of the tree planting that benefitted the students personally and socially, it was also concluded that through this activity environmental awareness is being heightened. Exposing the participants to the real situation motivates them and helps them to act accordingly. Unfortunately the opportunities for tree planting activity for the students and staff are reduced due to covid' 19 during lock down period. But we will compensate the count of tree plantation programme in the upcoming years.

We plan to collect seeds and plant them in future. We would like to train the students for planting and sapling in future.

### **Objectives of Plastic ban Practice**

- To raise awareness about the negative impacts of plastic bags on the environment and human health.
- Introducing labelling requirements to inform consumers about the plastic content of products,

disposal options that are to be avoided.

- To introduce design requirements such as a requirements to connect caps to bottles.
- To create awareness programme about single use plastic products such as cotton buds sticks, plastic plates, sticks for balloons, cigarette butts, plastic bags and food containers etc.

## **The Context**

The college has always mobilized resources for various pro-environment events, such as cleanliness and plantation campaign in and around the campus. Our College adopted around 200 villages and many are participating in this awareness program to adopt and implement best practices in the areas of rural places. Accordingly to find practical ways to reduce and avoid the use of plastic bags. Plastic bags usually end up polluting the environment and endangering people's health.

## **The Practice**

In P.S.V College of engineering and Technology, overall 200 students and 100 faculty members are creating awareness by conducting various social awareness programs in public places. The campaign is organized to create awareness among the public about the adverse effect of plastic usage and to make them think about stopping its usage. A rally was organized by the students and staff with the slogans like Go Green and No plastic. The staff and students covered more than 200 villages per year and more than 7000 people have participated in various villages.

## **Evidence**

After the awareness program, most of the hotels in the villages do not use plastic plates and most of the tea shops have not used plastic cups. Even the roadside hotel previously used plastic cups for Ragi malt and now they are not using them. Tender Coconut salesman also does not use plastic straws.

## **Problems Encountered and Resources Required.**

The students and staff covered more than 200 villages and more than 7000 people are benefited. But due to lockdown, we are not able to reach 10000 people still we are trying to reach the count in the upcoming year.

## **Institutional Best Practice - 2**

**Title of the Practice: Pre-placement training program for final year students**

### **Objectives of the Practice**

The main objective of the placement training program is to expose final year students to the corporate culture and explain to them the processes followed there and make them comfortable when they are exposed to it. It bridges the gap between industry and academia, through mutually exploring the opportunities for student development. The Training Program interacts with the industry for projects, internships, and placement activities for the successful student community of the college, besides providing continual improvement and input on ever-changing requirements. The abilities of our students in getting proper information about the market changes, industry expectations, nature of opportunities, industry openings, and on-campus and off-campus interviews. To guide students to choose the right career and to

give knowledge, skill, and aptitude and meet the manpower requirements of the Industry.

- Maintaining and regularly updating the database of students. Maintaining a database of companies and establishing strategic links for campus recruitments.
- To make them realize the importance of a Resume and build one.
  - To help them understand the nuances of Group Discussions and apply them during mock discussions.
  - To take out the fear of Personal Interviews in them and help them attend Interviews more confidently.
- To develop practical skills and professional awareness among students.

### **3. The Context**

The pre-training program is designed exclusively for those students to develop their soft-skill previously and also to ease their immediate uphill task of attending interviews. Ever-changing technological advancements in engineering and technology urge the students to expose themselves to the latest software tools and gain knowledge in their core subject. It motivated me to look beyond traditional pathways of 3 ways Education, Employability, and Employment, and think of strategies to bridge the gap between skill and knowledge. This includes

- Resume Building
- Group Discussions
- Personal Interviews
- Personality Development
- Communication Skills

### **4. The Practice**

This Pre Placement based Training helps final year students to improve their academic standards and to provide all the academic facilities to the students based on today's needs of the Software industry/hardware Industry into which the students enter after they complete the course. We Practiced skill-based training courses which cater to the requirements of various professional fields.

#### **(i) Soft Skill Training Programme:**

This skill helps students to develop effective communication skills and presentation capabilities in academic and professional settings. These interactive activities focus on the work environment and real-life situations. Individual attention is given and even shy students are encouraged and empowered to develop their public speaking, interactive and interpersonal skills. This includes the enhancement of the following skills.

- Presentation Skills Group
- Discussion Resume
- Preparation Interview

- Preparation Just a Minute
- Leadership Qualities Goal
- Setting
  - Time Management
  - Team Player, etc

### **(ii) Aptitude Skill Training:**

It is a problem-solving skill, to improve basic math skills and to help students who are preparing for any type of competitive examination. It includes increasing the following abilities in the students

- Reasoning
- Data
- Interpretation
- Logical

### **(iii) Analytical Technical Skill Trainings:**

To study a problem in a logical manner and to determine a practical answer or solution. It allows you to suspend judgment and apply deductive reasoning to find an answer based on logic and facts. The students are trained in advanced techniques of the following languages and technologies and make the

- C/C++ JAVA
- JAVA
- PYTHON

## **5. Evidence of Success**

Students have developed multiple skills through the Pre-training program and are able to apply theoretical knowledge in practical situations. Skill develops the proficiency of a student in their particular area of interest it builds a professional network, better communication, time management, and so on. These courses have proved to be effective in students' overall progression and in seeking employment or setting up their own start-ups. Providing hand on experience to the students on the latest software tools has made them ready to face the latest challenges of the present industry-ready.

## **6. Problems encountered and Resources required**

The preplanning training program is a challenge to cope with the core courses of the program. Further, in a tightly scheduled semester pattern of teaching, time management has been found to be one of the biggest challenges in giving special space to industry-academic interfaces. At times fixing time slots in the timetable becomes a challenge in case of (IV year) students opting for the Training course. Getting adequately trained faculty to teach the skill-based papers. We recommend the "Design thinking" approach for teaching as it is a new technology and attract students.

File Description	Document
Link for any other relevant information	<a href="#">View Document</a>
Link for Best practices in the Institutional web site	<a href="#">View Document</a>

### 7.3 Institutional Distinctiveness

#### 7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

##### Response:

#### **RESTITUTE TO COMMUNITY ENVIRONMENT AND CREATE SOCIAL RESPONSIBILITIES AMONG STAFF AND STUDENTS**

This community should faithfully serve the cause of the education requirements of the people in this town. This was the mission set by our chairman Dr.P.Selvam in 2008 and with this courage of integrity. We believe in the excellence of academics, professionals, and societal performance.

This institute ensures that the social values of Restitute to Community and Environment are not limited to the social awareness program and environment program. The college comes up with ideas to contribute to society and donated relief funds for flood-affected people in Kerala through the chief minister's distress relief fund. In addition to the activities, many students came forward to create awareness about Covid 19 and they provided medical facilities to the village people.

The college has always mobilized resources for various pro-environment events, such as cleanliness and plantation campaigns in and around the campus. The *Unnat Bharat Abhiyan (UBA)* is inspired by the vision of transformational change in rural development processes by takeover the knowledge institutions to help build the structure of an Inclusive India. Our College adopted five villages under UBA; many students are participating in these events. the college has conducted a detailed Green Audit, Energy and Environment Audit on 5th& 6th January 2022 in the campus and has submitted necessary data and credentials also college has been conducted awareness programs like Road safety awareness programs, blood donation camp, Women's Day, Tree Plantation program, free eye camp, Medical camp, Swatch Bharath awareness program, Plastic band, A science expo, National voter's day and Visit to the old age home.

The students are undergoing various field visits related to industries and encourage attending workshops, conferences, seminars, internship programs, etc. Every year we are conducting a symposium in which the students from various colleges and universities are participating in the different technical, and nontechnical activities and award prizes to the winners.

The college is providing various courses to the students like soft skills development; value-added programs, communication skill development programs, aptitude training, and software development program. These courses will be helpful for the students to get placed in a better company.

#### **The following are the Institutional Distinctiveness**



- Donation for deaf sports and social welfare
- Donating food to the worthy people
- Green campus initiative award
- Donating food to the worthy people
- Medical camp for sugar-related counseling in 2021.
- Medical camp for ortho, bone fracture..
- To save a poor kid suffering from thalassemia
- Visit the old age home
- Contribution to the empowerment of visual challenges
- Contribution to Jal Shakti Abhiyan
- Financial support to Indian Association for the blind
- Host college of speak for India 2019
- Donation to government boys higher secondary school, bargur
- Financial support to Uthavum Ullangal Organisation
- Funding to Krishnagiri district teacher's professional development society
- Donation to Dharmapuri district association of the deaf
- Contribution to CMDRF, Kerala
- Financial support to heritage, culture, community, and environment: “Jalikkattu”
- Endowment to Uthavum Ullangal Organisation
- Financial support to Uthavum Ullangal Organisation
- Donation for District Association of the deaf
- Award from Puthiya Thalaimurai

File Description	Document
Link for appropriate web in the Institutional website	<a href="#">View Document</a>
Link for any other relevant information	<a href="#">View Document</a>

## 5. CONCLUSION

---

### Additional Information :

- P.S.V College of Engineering and Technology is executed by St.Joan's Educational Trust, initiated to provide quality education and training to students in Engineering and Technology to prepare them to come up in the highly competitive technological fields.
- At P.S.V College of Engineering and Technology we aim at molding students to become intellectually luminous, globally competitive and industry ready engineers and technologists. The academic ambience at P.S.V College of Engineering and Technology will steer the students to achieve their best.
- The ethical value system envisioned by the Founder of the College is reflected in all the processes of distributing management seats to meritorious and economically deserving candidates from the society.
- In keeping with its goal of imparting education that focuses on all round integrated development of our students, PSV encourages and facilitates active participation in sports by our students.
- A variety of Add-on Courses are offered to students to give them an edge in today's job market.
- To preserve and nurture the bond with its alumni, the college maintains an active alumnae Association.
- The College has Energy and Environment Policies to protect and conserve ecological systems and resources within the campus.
- The College implements E-governance in all functioning of the institution in order to provide simpler and efficient system of governance which promotes transparency and accountability within the institution.
- The institution believes in inclusion of people with disabilities by promoting the rights and dignity of each individual.
- The college strives to fulfill its vision of imparting transformative education for the empowerment of young women and promotion of a more just and humane society.  
Since its inception, PSVCET has emerged into a centre of excellence in engineering education.
- Finally, PSVCET is committed to nation building and aspires to engage in overall development of students through theoretical, experiential learning experiences, providing opportunities for research, innovation, and entrepreneurship, thereby contributing to the growth of nation and society.

### Concluding Remarks :

The quality policy of PSVCET is 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.

With an idea to create lively environment for interaction, intellectual discussions, continued learning, knowledge improvement of academics and the need for paradigm shift in attitude, Internal Quality Assurance Cell was introduced in PSVCET. It regularly monitors the effective Teaching Learning Methodology, thereby upgradation of quality of teaching. To support interactive/classroom pedagogical methodologies, the teachers are also encouraged to use ICT tools to deliver their lectures using audios, videos and PPTs. Numerous renowned companies visit the College annually and a large number of our students find placements with them.

In a nut shell, it can be concluded that over the years, the Institute has consciously improved the academic processes through the identified functional areas. This incremental improvement happened in the areas of teaching and learning, research and industry interface, Student activities and modernizing the administration

through ERP systems. The faculty members have been nurtured continuously to chart out their career path with more emphasis on research and industrial interactions. The institution is aware of its social responsibility and is engaged with local communities and marginal sections of society for capacity building to bring into the mainstream. PSVCET continues its Education journey continuously with improved Quality in all domains.

We take pride in submitting the SSR for accreditation which was collectively prepared based on input from IQAC at all levels, keeping in mind to equip students with the best education and infrastructure, to help them achieve nothing but the best in life.

NAAC

## 6.ANNEXURE

### 1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
2.1.2	<p><b>Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy ) during the last five years ( exclusive of supernumerary seats)</b></p> <p>2.1.2.1. Number of actual students admitted from the reserved categories year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>236</td> <td>307</td> <td>289</td> <td>552</td> <td>487</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>228</td> <td>301</td> <td>282</td> <td>541</td> <td>481</td> </tr> </tbody> </table> <p>Remark : DVV has made the changes as per shared report of actual students admitted from the reserved categories by HEI.</p>	2020-21	2019-20	2018-19	2017-18	2016-17	236	307	289	552	487	2020-21	2019-20	2018-19	2017-18	2016-17	228	301	282	541	481
2020-21	2019-20	2018-19	2017-18	2016-17																	
236	307	289	552	487																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
228	301	282	541	481																	
2.3.3	<p><b>Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year )</b></p> <p>2.3.3.1. Number of mentors            Answer before DVV Verification : 81            Answer after DVV Verification: 103</p> <p>Remark : DVV has made the changes as per ep- 3.1</p>																				
2.4.3	<p><b>Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)</b></p> <p>2.4.3.1. <b>Total experience of full-time teachers</b>            Answer before DVV Verification : 699.1            Answer after DVV Verification: 866.2</p> <p>Remark : DVV has made the changes as per metric 2.3.3</p>																				
3.4.2	<p><b>Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years</b></p> <p>3.4.2.1. <b>Total number of awards and recognition received for extension activities from</b></p>																				

**Government/ Government recognised bodies year-wise during the last five years.**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
2	1	2	3	1

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1	1	0	1	0

Remark : DVV has not consider shared certificate of appreciation and participation.

**4.2.4 Percentage per day usage of library by teachers and students ( foot falls and login data for online access) during the latest completed academic year**

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

Answer before DVV Verification : 259

Answer after DVV Verification: 52

Remark : DVV has made the changes as per average of teacher and students using library per day on (dates)

**5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.****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) year-wise during the last five years.**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
03	04	03	02	03

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
03	02	01	01	01

Remark : DVV has considered awards for sports/cultural activities at university/inter-university/state/national/international level only.

**7.1.4 Water conservation facilities available in the Institution:**

1. Rain water harvesting
2. Borewell /Open well recharge

3. **Construction of tanks and bunds**
4. **Waste water recycling**
5. **Maintenance of water bodies and distribution system in the campus**

Answer before DVV Verification : A. Any 4 or all of the above

Answer After DVV Verification: B. 3 of the above

Remark : DVV has select B. 3 of the above as per shared report by HEI.

## 2.Extended Profile Deviations

ID	Extended Questions																				
1.3	<p><b>Number of outgoing / final year students year-wise during last five years</b></p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>364</td> <td>349</td> <td>324</td> <td>442</td> <td>376</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>366</td> <td>357</td> <td>414</td> <td>497</td> <td>493</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	364	349	324	442	376	2020-21	2019-20	2018-19	2017-18	2016-17	366	357	414	497	493
2020-21	2019-20	2018-19	2017-18	2016-17																	
364	349	324	442	376																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
366	357	414	497	493																	
2.1	<p><b>Number of full time teachers year-wise during the last five years</b></p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>137</td> <td>138</td> <td>147</td> <td>178</td> <td>173</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>103</td> <td>103</td> <td>103</td> <td>103</td> <td>103</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	137	138	147	178	173	2020-21	2019-20	2018-19	2017-18	2016-17	103	103	103	103	103
2020-21	2019-20	2018-19	2017-18	2016-17																	
137	138	147	178	173																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
103	103	103	103	103																	