



YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	PRINCE SHRI VENKATESHWARA PADMAVATHY ENGINEERING COLLEGE
• Name of the Head of the institution	INDIRA G
• Designation	PRINCIPAL
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	04422580801
• Mobile no	9840100040
• Registered e-mail	prince@psvpec.in
• Alternate e-mail	vc@psvpec.in
• Address	MEDAVAKKAM - MAMBAKKAM ROAD, PONMAR, CHENNAI - 600127
• City/Town	Chennai
• State/UT	Tamil Nadu
• Pin Code	600127
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Rural

• Financial Status	UGC 2f and 12(B)				
• Name of the Affiliating University	ANNA UNIVERSITY				
• Name of the IQAC Coordinator	KAVITHA KARTHIKEYAN				
• Phone No.	04422580801				
• Alternate phone No.	9789832134				
• Mobile	8668152803				
• IQAC e-mail address	prince@psvpec.in				
• Alternate Email address	iqac@psvpec.in				
3.Website address (Web link of the AQAR (Previous Academic Year))	https://www.psvpec.in/aqarindex.html				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.psvpec.in/aqar20-21.html				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	2.77	2018	02/11/2018	01/11/2023
6.Date of Establishment of IQAC	04/05/2015				
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
Prince Shri Venkateshwar a Padmavathy Engineering College	National Service Scheme	College of Engineering Guindy	2021	20000	
8.Whether composition of IQAC as per latest NAAC guidelines	Yes				

<ul style="list-style-type: none"> • Upload latest notification of formation of IQAC 	View File
9.No. of IQAC meetings held during the year	4
<ul style="list-style-type: none"> • Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes
<ul style="list-style-type: none"> • If No, please upload the minutes of the meeting(s) and Action Taken Report 	View File
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	Yes
<ul style="list-style-type: none"> • If yes, mention the amount 	50000
11.Significant contributions made by IQAC during the current year (maximum five bullets)	
<p>1. Stakeholders review meetings for governance (teaching learning) 2. Innovative Teaching Pedagogy with ICT facility 3. Research and innovations promotions through RIPC (Research Innovations Promotions Committee IIC (Institutions' Innovation Cell) 4. Centre for Innovative Research, incubation and Entrepreneurship Development 5. Improvement in Extension Activities & Alumni activities</p>	
12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year	
Plan of Action	Achievements/Outcomes
To improve the activities conducted by IIC and to get 5 Star rating	Increased the Activities of IIC
Conduct activities based on gender issues	Sexual Harassment free campus
To encourage the students to participate in various technical competitions like Smart India Hackathn, Toycathon, Chhatra Viswakarma Awards etc.,	More students participated in various events

Encourage the extension activities of NSS, YRC, Rotaract etc	Best Program Officer award for NSS activity, PP Nousath Ali Award by District Rotaract council
Insist more ICT usage	Due to pandemic situation all the classes are taken using ICT
Preparation for submission of Annual Survey Report of Higher Education.	Submitted the report successfully
Apply and renewal for Pragati Scholarship (female students) from AICTE	15 students are benefitted by pragati scholarship scheme from AICTE
To conduct more career development activities	Students got their placement
Upgradation of IT facilities, library, Green initiatives, library etc	With the help of finance committee all the facilities are upgraded
To enhance the knowledge of students	More certificate courses and value added courses were conducted
To get the benefit by Alumni	More guest lectures, training were conducted by Alumni
To encourage the faculties to participate in seminar, conference, short term courses, training program, FDP etc	More faculties have participated in various programs conducted by IQAC and outside the institution
To recognize the faculties publishing journals, conferences, awards, membership etc	Faculties received awards and recognition for research / innovation activities, published in journals and conferences
IQAC meeting	Improved Number of Activities
To participate in ARIIA and CII ranking	Applied for ARIIA ranking - Best Performer Award
IQAC meeting	Improved Number of Activities
Academic Administrative Audit	Proper monitoring of Academic and Administrative activities

13. Whether the AQAR was placed before statutory body?	No
<ul style="list-style-type: none"> Name of the statutory body 	
Name	Date of meeting(s)
Nil	Nil
14. Whether institutional data submitted to AISHE	
Year	Date of Submission
2020-21	21/03/2022
15. Multidisciplinary / interdisciplinary	
16. Academic bank of credits (ABC):	
17. Skill development:	
18. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)	
19. Focus on Outcome based education (OBE): Focus on Outcome based education (OBE):	
20. Distance education/online education:	

Extended Profile

1. Programme

1.1 233

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	View File

2.Student2.1 **804**

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 **189**

Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year

File Description	Documents
Data Template	View File

2.3 **264**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic3.1 **106**

Number of full time teachers during the year

File Description	Documents
Data Template	No File Uploaded

3.2 **106**

Number of sanctioned posts during the year

Extended Profile	
1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	233
File Description	Documents
Data Template	View File
2.Student	
2.1 Number of students during the year	804
File Description	Documents
Institutional Data in Prescribed Format	View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	189
File Description	Documents
Data Template	View File
2.3 Number of outgoing/ final year students during the year	264
File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	106
File Description	Documents
Data Template	No File Uploaded

3.2	106
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	39
Total number of Classrooms and Seminar halls	
4.2	986.32
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	609
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Prince Shri Venkateshwara Padmavathy Engineering college affiliated to Anna University, Chennai has an effective curriculum management system for teaching learning and supporting system. The curriculum and syllabi prescribed by the Anna University are strictly adhered and implemented effectively. Apart from the prescribed curriculum the college has also strategized ways and means to strengthen the teaching-learning process to implement the curriculum statement based on student's needs in the following ways: The Institution has established Academic Planning and Monitoring Committee (APMC) for ensuring effective curriculum delivery. The primary objective of the committee is to ensure quality academics in the institute which gives true joy of learning to students. APMC is responsible for drafting, regulating and implementing different academic guidelines and procedures for smooth & uniform conduction of academics throughout the institute to excel in university results and to develop the students into competent graduate engineers. The role of Academic planning and

monitoring committee includes semester planning, execution and mentoring of academic activities. APMC systematically designs and develops effective action plans. Based on the academic schedule published by the Anna University, an academic calendar is prepared with all the necessary activities for effective curriculum implementation. The finalised academic calendar is communicated to the faculty and students through proper channel and is also displayed in the college website. Details planned in the Academic Calendar are: Date of commencement of the class Internal Assessment Schedule Seminars, workshops, conference, Guest Lecture, Certificate Course Last working day Tentative Schedule of University Practical and Theory Exams Details of holidays. Allocating the subjects to the faculty based on competency matrix, experience and previous year performance is followed and the timetable for every semester is prepared in advance including library hours, tutorial classes and the same is communicated to the faculty Appointment of class in-charges and also mentoring system is followed in the college with faculty student ratio as 1:12 for effective monitoring of the students as well to strengthen the bond between faculty and students, leading to create better learning atmosphere and to sustain their performance. Classroom teaching by giving lectures with discussions, chalk & talk, OHPs, PPTs, group discussions, quiz, seminars, visual aids, models, videos, NPTEL course materials etc., Result analysis of Internal Assessment Test, Model Exam and End semester examinations along with Corrective measures. Communication to the parents about the attendance shortage, academic performance of their ward after completion of Assessments. Parent-Teachers Meeting every semester to obtain feedback from parents-improve the academic performance of their ward. The Academic Planning and Monitoring Committee plays important role in ensuring the execution of academics as per the semester planning. The APMC will make regular visits to departments to ensure the proper conduction of classes, class tests, projects, mentoring activities etc., as per schedule. The members of the committee will check the maintenance of all academic records by faculty members, class teachers and academic coordinators.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://psvpec.in/naac20/pdffile/1.1.1/Wel1%20Planned%20Curriculum%20Planning%20and%20Process.pdf

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

Academics is of utmost priority of our institution. Keeping this in view, the Academic Planning & Monitoring Committee (APMC) spearheading with core team members involves in smart planning and effective monitoring of the academic activities to ensure effective curriculum transaction and systematic assessment. The primary objective of the committee is to ensure quality academics in the institute which gives true joy of learning to students. APMC is responsible for drafting, regulating and implementing different academic guidelines and procedures for smooth & uniform conduction of academics throughout the institute to excel in university results and to develop the students into competent graduate engineers. The role Academic planning and monitoring committee includes semester planning, execution and mentoring of academic activities. The objectives of the committee are To ensure that all departments have done proper planning before the start of semester for conduction of lectures and practical To ensure that effective teaching - learning is taking place throughout the semester To ensure that effective continuous assessment and evaluation is taking place to support teaching - learning To ensure that slow learners and advanced learners are taken care as per their needs Academic Schedule The institution strictly adheres to the schedule prescribed by Anna University, Chennai. Academic calendar for the institution and department is framed by the committee comprised of Principal, IQAC and Head of Departments well in advance. It is circulated to the staff and students to plan their course of action accordingly well in advance and also the same is displayed in notice board. It outlines: The internal examination schedule, model practicals, tentative dates for university practical and theory examination schedule. Government holidays. List of holidays help the hostellers to plan their visit to native places. Reopening and closing dates for the students, year wise are included. Induction day and bridge course schedule for fresher is also included in calendar. The schedule of technical events conducted in the institution like department wise

technical symposiums, conferences, workshops for both student and staff, certificate course for the students, guest lectures for both students of the institution. The schedule of sports activities at college level. The conduction of nontechnical events like college day, Graduation day, Sports day and Pongal celebrations are also enlisted in the calendar. Schedule of industrial visits, class committee meeting, mentoring for the students is included in the department calendar. Important dates schedule helps the clubs and committee to plan their events in advance. Academic calendar thus helps in the smooth conduction of classes and the completion of the syllabus in stipulated time. This also helps the conduct of revision classes and special training for slow learners. The institution adheres to the assessment schedule suggested by the Anna University. The Academic Planning and Monitoring Committee (APMC) ensures effective planning of the academic calendar and effective implementation in the curriculum.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://www.psvpec.in/naac20/criterion1.1.2.html?p=112#11%22

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

A. All of the above

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

1.2 - Academic Flexibility

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

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

8

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

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

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

14

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

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

818

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

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human

Values, Environment and Sustainability into the Curriculum

The cross-cutting issues like Gender, Environmental sustainability, Human Values and Professional Ethics etc., find an ample space when it comes to applying them positively into the curriculum. We believe in maintaining healthy environment for all our students. The institution is adopting Anna University curriculum. The curriculum designed by the university itself does include various cross cutting issues in the curriculum. Few of the courses are listed below: COURSES INTEGRATING ENVIRONMENT AND SUSTAINABILITY IN CURRICULUM 1 GE8291 Environmental Science and Engineering 2 OAI551 Environment and Agriculture

3 GE8071 Disaster Management 4 EN8591 Municipal Solid Waste Management 5 OAI752 Integrated Water Resources Management 6 CS8078 Green Computing COURSES INTEGRATING HUMAN VALUES AND PROFESSIONAL ETHICS 7 GE8074 Human Rights 8 GE8076 Professional Ethics These courses are taken up by students as part of Curriculum, which has made our students to be more responsible towards Environment and disciplined with values and good practices. Gender Equity Initiatives The Institution strives to promote equality of opportunity and treatment for all men and women working and studying at the College. The college aims to foster an environment in which women folks are treated equally and considered as a major asset for the Institution. Anti-Ragging Committee, Discipline & Welfare Committee and Grievance & Redressal Committee are proactive in handling gender-based issues Encouragement for co-curricular & extracurricular activities for women Equal representation to women in all student council Equal opportunities to both the genders in terms of admissions, employment, training programs, sports activities & co-curricular activities The Health and Hygiene club also initiates and organizes various events and awareness camps on the health and wealth of women folks in the college Women Empowerment Committee plays a major role in empowering women through organizing the following programs to motivate and cherish the role of Women Environment and sustainability initiatives Almost 90% of the streets, parking and pavements have been provided natural green cover to reduce the heat island effect. Rain water harvesting systems are installed and used to improve the groundwater. PSVPEC is sincerely considered about the dos and don'ts to the environment. We believe that eco-friendly campus is the best way to be conscious about the planet. The institution organises workshops on climate change and global warming, environmental sustainability, waste management, etc. We also educate the public (village people) about the importance of growing more trees, conservation of water, save electricity, etc.

through our extension activities. The students are involved in organising these activities and educating the people. This helps the students also to know the importance of sustainable environment. ECO Club and Science Clubs are actively involved in creating awareness about Climate change and they also organise various activities to educate students on the preservation of natural resources. The various activities are as follows: Tree plantation Rain Water Harvesting In house vegetable cultivation / Herbal garden National Science Day, Earth Day celebrations and Independence Day celebrations Industrial visits to water treatment plants initiated by IQAC

Awareness programs initiated by NSS

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

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

119

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

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

668

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

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://www.psvpec.in/naac20/criterion1.4.1.html
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

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

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://www.psvpec.in/naac20/criterion1.4.1.html

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

170

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

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)**2.1.2.1 - Number of actual students admitted from the reserved categories during the year**

114

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

The institution assesses the learning levels of the students and take necessary strategical actions for the improvement of the slow learners and the enhancement of the advanced learners. Our Students Admission: The students admitted in our college are coming from various economic sections and communities of the society. The college is very much aware about each students' overall growth and social upliftment in the society. The students are admitted in our institution without considering caste, creed, and gender, and religion, social and economic status. Girl students' enrolment is always high in our institution and we play a major role to equip them with the higher education so that they can become empowered through education and other activities to face the global challenges. Minds open to receive students: With so many potentials and highly varied knowledge levels, students join our institution during the first year. We don't prejudge the levels of the students, instead, we consider their knowledge levels through their marks scored in twelfth examination during the first year and in the second year, the marks scored in internal assessments help us to assess levels, based on which we

upgrade or re-grade the levels of students. At various intervals through various performance indicators the students are assessed and immediate action is proposed and implemented for their better progress. The new academic environment and the teaching methodology build pressure in the minds of even the most confidence of students, who then have to struggle on many fronts, to adjust to the campus culture, the class rooms and for those away from their homes. Our induction programme strives to handle the new emotions of students in the new environment. Induction Programme for students: Freshers Day is celebrated to receive the students after admission. The day is celebrated by inviting academicians or industry experts / celebrities to motivate and encourage students for new part of their life. The first day is celebrated through motivational sessions, cultural programmes, interaction with students, etc. followed by a three-day orientation programme. The Gap Bridging Course: After the three days orientation programme, a one-week bridge course is designed and implemented for the students. The Bridge Course is aimed to act as a buffer for the new entrants, with an objective to provide adequate time for transition to hardcore engineering courses. Students will be groomed for foundation subjects of Mathematics, Elements of Engineering, Physics/Chemistry, English, Information and Communication Technology (ICT), Life Skills, etc. During this interaction with the faculty and their classmates, the students will be equipped with the knowledge and confidence needed to move on with rising ambitions towards the future. Assessing Learning ability of students: Within the classroom, faculty must deal with different types of students; some are very intelligent who learn very fast and some are quite weak who learn very slowly. Therefore, it is required to determine the abilities of students in the class. Based on the ability determined, some students need only guidance and some students need hard work and regular attention.

File Description	Documents
Paste link for additional information	https://www.psvpec.in/naac20/criterion2.2.1.html?p=221#22
Upload any additional information	View File

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

Number of Students	Number of Teachers
804	106

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

College consider students as their important stakeholder. The entire academic process of planning, delivery of curriculum and assessment is designed to be student centric. Various efforts are made to make learning more students centric by focusing on specific learning outcomes for all courses and making it more participatory and interactive. The student centric teaching is promoted by ensuring classroom environment to be learner-friendly. The Teaching - learning activities are made effective through illustration and special lectures. To acquire first-hand knowledge on the subjects and current practices students are engaged in field study. Lessons are taught through black board / chalk and talk methods, Power point presentations, video lectures, demo classes, etc. to make learning interesting besides oral presenting methods. Lecture method: This conventional method is commonly adopted by all the teachers, especially language teachers. This method facilitates the teacher to interpret, explain and revise the content of a text only for better understanding of the subject by the learners. Interactive method: The faculty members make learning interactive with students by motivating student participation in group discussion, role-play, subject quiz, news analysis, educational games, discussion and questions and answers on current affairs. ICT Enabled Teaching: ICT enabled teaching includes Wi-Fi enabled class rooms with LCD, Language Lab, Smart Class rooms, E-learning resources. Virtual class room links the guest lecture of eminent persons to develop their core knowledge in the subject. The institution adopts modern pedagogy in line with emerging trends to enhance teaching-learning process. The institution has the essential equipments to support the faculty members and students. Online reference, lecture talks, motivational talks, educational videos and web reference support the teaching-learning process.

Case Study Analysis and Discussion: The case method is a participatory, discussion based way of learning where students

gain skills in critical thinking, communication, and group dynamics. Group Learning Method: Group Learning allows the slow learners to develop problem solving, interpersonal, presentational and communication skills to confirm quality in learning with Peer Group. Project - based learning: Students are encouraged to take up innovative ideas and work on projects for short term. Best projects are encouraged to be taken up as main projects to work on. This learning method enables the students to gain adequate knowledge on project management skills and team work. Experiential learning: The faculty members foster learning environment by engaging in rich experiential content of teaching through experience, teaching through demonstration, visual aids, Periodical industrial visits / field visits, organizing exhibitions, presenting papers, analyzing case studies and participating and conducting quiz on theory topics. Collaborative learning: Lectures through lab visit, Guest lectures, seminars, workshops, online seminars, etc. are also organized regularly for students to gain more industrial knowledge and practical experience. Problem solving methodologies: Students are encouraged to give breakdown ideas to support selflearning ability among students. Institution regularly conducts internal Hackathon, Idea competitions for students. Students are encouraged to bring solutions to real time problems via case studies, assignments, group discussions, team play, field and industrial projects, Hackathons, etc.

File Description	Documents
Upload any additional information	View File
Link for additional information	Nil

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

The Institution has taken effective steps to enhance the potential of ICT enabled teaching & learning. Training programmes were organized for faculty to maximize the use of ICT. The classes have been equipped with ICT facility. Faculty members were encouraged to take up MOOC and other courses on the SWAYAM and NPTEL platform. Workshops on teaching with Simulations, technology, etc., were given to faculty members. The faculty members were asked to include more of simulations, case analysis, presentations and videos in their lesson plan. The teachers also got trained in taking full-fledged ICT classes for the students. All the lecture

halls are enabled with ICT facilities and videos of important study materials have been developed by the faculty members and links are provided in the website for the students to access and learn online. ICT-enabled tools for effective teaching and learning process The Institute follows ICT enabled teaching in addition to the traditional classroom education. Subsequent efforts are taken by the institute to provide e-learning atmosphere in the classroom: In addition to chalk and talk method of teaching, the faculty members are using the IT enabled learning tools such as PPT, Video clippings, Audio system, online sources, to expose the students for advanced knowledge and practical learning. Classrooms are fully furnished with LCD/OHP/Computers Most of the faculty use interactive methods for teaching. The major emphasis is on classroom interaction in terms of research paper presentations, seminars, debates, group discussions, assignments, quiz/tests/viva and laboratory work. The institution has provided 36 ICT enabled classrooms, including 08 smart classrooms and 3 ICT enabled Seminar halls. The college has provided internet and Wi-Fi facility with 75 Mbps internet bandwidth. The classrooms are equipped with LCD projectors with WIFI facilities. Seminar halls & Smart classrooms are equipped with LCD projectors, computer facilities, projector screen, audio system, laptop connecting facility uninterrupted power supply (UPS). Online tests are for placement training are conducted through TEZMOS software. The institution has digital library, which helps the students to access NPTEL lectures and study materials. Adequate number of books, Journals, e-journals and e-books are available in the library. Institute premises are Wi-Fi enabled Specialized computer laboratory with an internet connection has been provided to promote independent learning. Wi-Fi facility for access of internet is provided on individual laptop and mobile devices. Well monitored security is provided to Wi-Fi users. Its access is controlled by the system administrator. Various devices/technology in ICT includes: Access of course materials through remote devices, Online digital repositories for lectures, course materials, and digital library, Online based academic management systems, Employing the flipped classroom concept, Making use of handheld computers, tablet computers, audio players, projector devices etc. All Faculty members are well trained in using ICT tools for the teaching learning process. Every semester IQAC organizes FDPs to educate faculty members on new tools and techniques for effective teaching through ICT.

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

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

2.3.3.1 - Number of mentors

106

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

2.4 - Teacher Profile and Quality

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

106

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

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

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

28

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

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

2.4.3.1 - Total experience of full-time teachers

833

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

2.5 - Evaluation Process and Reforms

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

Transparent System: College provides information to all students for internal assessment of examination during orientation programme at very first semester. Students are briefed through faculty-wise opening addresses in orientation programmes by the Principal/Vice-Principal/Coordinator about internal assessment, question paper patterns and university examinations. Every faculty member prepares lesson plan and discusses with student in first lecture of subject. Schedule of internal exams, Academic Calendar is strictly followed by college. Dates for the internal Examinations are notified by the Exam cell of college at least one week in advance.

To ensure rigor and transparency in the internal assessment, the institution has a separate Internal Examination Cell comprising of a senior faculty and a team of teaching and non-teaching staff who takes care of the smooth conduct of internal assessment tests.

The institution strictly follows the evaluation procedure prescribed by Anna University. Evaluation weightage is 20% for continuous assessment tests and 80% for the end-semester examinations.

Robust mechanism:

- The academic calendar for each semester is prepared in-line with the University schedule of events which provides the information on scheduled timetable for internal assessments, model examinations. A tentative schedule of University practical examinations are given, which helps the students to plan their course of action.
- The subject handling faculty prepares the question paper for the internal assessment with utmost care.
- The College Examination Cell holds the onus for all exam related activities and through coordinated efforts of all the stakeholders the entire evaluation system is smoothly managed.
- Student marks are intimated to the students immediately after the completion of assessment and the same is communicated to their parents.
- Retests and remedial classes are conducted for students.
- Exam cell is constituted with the senior professor, department representatives and is bestowed with a responsibility of conducting all the examination related activities such as:
 - Ensuring the timely receipt of question bank for the conduct of Internal Assessment tests and Model exam.
 - Hall arrangement for the conduct of exams.
 - Invigilation duty allotment to the faculty.
 - Question paper dispatch to the examination halls.
 - Dispatch of answer scripts to the faculty concerned.
- Exam cell team works for the scheduling of retests, informing the same to the students, arranging question papers for retest, conducting retests as per schedule and dispatch of answer sheets to the respective staff.
- Question paper setting is done by the subject handling staff and its scrutinized by committee members.
- The answer scripts are evaluated by the subject handling staff and sampled corrected papers been evaluated by evaluation committee members. Grievances in valuation are addressed effectively through the Grievance and Redressal Committee.
- The institution creates awareness to the students as well as parents on the procedures for revaluation through circulars,

class teachers and mentors.

Internal marks:As an affiliated institution, we strictly adhere to the rules mandated by the university and the internal marks are based on the marks secured in the internal assessment tests and model examination (as per regulations) which is entered in the university web portal as per schedule.

File Description	Documents
Any additional information	View File
Link for additional information	https://psvpec.in/naac20/criterion2.5.1.html?p=251#25

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

The students are the main stakeholders in our institution, and it's our endeavour to make all efforts to ensure transparency in all the activities at different stages. The college maintains complete transparency in the evaluation and to provide platform for redressal of grievance of students regarding to university examination and internal evaluation respectively. To address all examination and evaluation related problems, the Institute has appointed Exam Cell Coordinator as per the Quality policy of the institution.

Grievance redressal at the department & institutional level

- The Grievance Redressal Committee in our institution handles the grievances of the students such as academic, non-academic, grievance related to assessment, grievance related to attendance, grievance regarding conducting of Examinations.
- There is a grievance/complaint box placed in the administration block for the students to drop their grievances in case if they are unwilling to appear in person to address their grievances.
- Examination related grievances are handled by the faculty to make it time bound & transparent. Answer scripts are distributed to the students as regard to total checking and for clarifications if any.
- Grievance related to the valuation of internal assessment paper is taken care of by the student mentor. The paper is

revaluated by an experienced staff who had handled the subjects and has in depth knowledge of the subject. The issue is sorted at the earliest for the updating of internal marks.

- Student approaches his mentor/class in-charges for the clarifications related to internal marks. Student issue related to the above will be perceived by the mentor immediately. Student mentor cross checks the same issue with the department. Issues will be identified and sorted.
- Examination related grievances also include: Proper arrangement of examination halls, seating arrangements, dispatch of question paper at the right time, conducting exams at the scheduled date and time.

Grievance redressal at the university level (Academics)

- The University provides the students with an option of obtaining photocopy of their answer sheets after the declaration of results.
- The student can review his/her answer sheets and apply for re-evaluation on the recommendation of the subject handling faculty.
- If a student is not satisfied with revaluation results, he/she can go for a challenge with the recommendation by the head of the department wherein his/her answer sheets will be evaluated once again.
- Challenge evaluation fee is reimbursed by the University to the students in case of improvement in the grades in comparison to the first evaluation.
- Other type of grievances like data missing in the question papers, question asked from outside the syllabus, question paper being tough etc. are communicated to the controller of examinations through the web portal on the same day of the conduct of exam by the faculty concerned through the HoDs concerned and the Principal for necessary action.

File Description	Documents
Any additional information	View File
Link for additional information	https://psvpec.in/naac20/criterion2.5.2.html?p=252#25

2.6 - Student Performance and Learning Outcomes

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

The Institute has a well-organized committee that develops COs, POs, and PSOs for all programmes, as well as a communication strategy for all stakeholders. The Institute has formulated well defined Vision and Mission statements and in correlation with this, each department formulated its own vision and mission statements which have been approved by Academic council. The department formulates the Programme Educational Objectives (PEOs), Program Specific Outcomes (PSOs) for each programme and Course Outcomes (COs) for all the courses in the curriculum. The department collects the views from various stakeholders, summarizes and formulates POs/PSOs/COs by Programme Assessment Committee which are analysed and approved by Department Advisory Committee for effective implementation. The approved statements are published in the institute website and communicated to various stakeholders.

Formulation of PO's and PEO's: The Programme outcome is graded to the level of education and the specific skill sets that are to be attained. The committee establishes the PEOs by considering the:

- Mission and vision of the institute and department
- Data collected from stakeholders
- Details of the current status (Student admission quality, Teaching and Learning Process, Faculty and their research activities, other facilities) of the department.
- Data collected on prospect / potential of identified industries research organizations/higher educational institutions etc. Besides, skills-in-demand analysis is carried out periodically to identify the core areas consistent with industry need.

Process for CO - PO Mapping for each subject:

- The faculty teaching the subject is responsible for arriving / verifying the CO - PO mapping associated for that subject. This is based on understanding of the five COs of that subject and how they influence / impact any of the twelve POs. characterized in terms of a "High" / "Medium" / "Low" designation with scores of 1,2 and 3 respectively. The above mapping is shared/ discussed/ finalized discussions with the respective department Head and the DAC (Department Advisory committee).

Mechanism for publication and dissemination:The Process for publication and dissemination of the stated Vision, Mission of the Institute/department, and POs/PSOs/PEOs/COs of the programme are carried out by the following mechanisms:

Website: POs/PSOs and COs are published in the college website, department website.

Posted Location: Banner is exhibited in the main atrium of the concerned department and all prominent places like office room, principal room, meeting room, Auditorium etc. They are also prominently displayed on the Department notice boards, Laboratory notice boards, Cabin of all faculty members, HoD cabin, Department library and Classrooms.

Catalogues: Catalogues are disseminated to all the stakeholders of the programme through faculty meetings, PTA meetings, Alumni meets, Workshops, Conference, and FDP and through electronic media. Vision, Mission and quality policy of the institution is communicated through Fee receipts also. It is communicated to faculty and students during orientation programmes.

Curricular Books and Department Publications: .CO/PO/PSO's are also displayed in Attendance Assessment record and Mentor books. Vision, Mission and Quality policy are published in the Academic Calendar, Attendance and Assessment Record, Department Magazine.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.psvpec.in/agar/2.6.1.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

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

- Each department uses OBE to understand the attainment of each course delivery from the list below.
- COs are more detailed claims regarding a specific course in the curriculum that must be attained at the end of each course.
- Program Educational Objectives (PEO) describes the career goals and professional success of the program.
- PSVPEC established Programme Outcomes (PO) to relate with

the skills, knowledge, and attitude that the student acquires at the end of the program.

- PSVPEC ensures that the Programme Educational Objectives (PEOs) and Programme Outcomes (POs) including Course Outcomes (COs) are listed and communicated to all students by including them in mentor books, question papers and displaying them in various places like classrooms, department notice boards etc.
- POs and PSOs are to be aligned with PEOs and graduate attributes.
- PSOs are specific to each program. Both PO's and PSO's are related to Knowledge, Skill and Attitude of graduates as they progress through their graduation.
- The process of attainment of COs, POs and PEOs starts from writing appropriate COs for each course in the four-year engineering degree program. The course outcomes are written by the respective faculty member. Then, a correlation is established between COs and POs and COs and PEOs on the scale of 0 to 3, 0 being no contribution, 1 being marginal contribution, 2 being average contribution and 3 being strong contribution
- Direct method is a measurable student performance indicator based on Internal Assessment Examination, End semester Examination, Assignment, laboratory, etc.
- Indirect method is measurable student performance indicators based on student exit survey, alumni survey, employer survey, etc.

For example: To calculate the level of CO1 for Test 1, first the marks scored by 4 students are listed CO wise and their max mark is specified. Since 50 is the pass percentage threshold and rubrics are set for 50%, by calculating number of students above threshold (only 2 out of 4 which is 50%) the level is defined as 1(low) as specified in the rubric.

- For indirect method, the questions in the survey sheet should represent the PO's and needs to be a defined based on the Rubrics defined below.

RUBRICS (For threshold value =3)

60% of students above 3

1(low)

70% of students above 3

2 (medium)

80% of students above 3

3 (high)

- Indirect program attainment = Sum of levels of attainment of a PO/ 3

Calculating the final PO attainment

- Final PO attainment comprises of both Direct method and Indirect method hence the calculated value (PO attainment) are listed out corresponding to their CO. Summing up of them provides the PO attainment based on the weightage allocated.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.psvpec.in/agar20-21.html

2.6.3 - Pass percentage of Students during the year

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

264

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://www.psvpec.in/agar20-21.html

2.7 - Student Satisfaction Survey

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

<https://www.psvpec.in/aqar20-21.html>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

1710000

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

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

3.1.2.1 - Number of teachers recognized as research guides

2

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

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

7

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

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

Prince Shri Venkateshwara Padmavathy Engineering College has been in the forefront to create and imbibe new knowhow and impart the upcoming trends to our pupils. We have been diligent in not being purely syllabus oriented and opening the wide horizons of knowledge to our learners by crafting a craving for continuous advancement in their areas of interest irrespective of their opted discipline and also to conserve and preserve nature in all probable ways. The prime objective of PSVPEC's Innovation ecosystem is to inculcate creative mind set in students and faculty members that enables to solve the problems of industry as well as the society. PSVPEC also encourages the development of close linkages with industries that will help to develop improved products, processes and research work among students which indeed creates start up ecosystem in the college. We work as a catalyst to rejuvenate the technological education.

Innovation is key in driving social and economic development and bridging the gap between theory and practice. The institution has adopted a systematic approach for tackling innovation in a holistic manner that captures policy, governance, innovation engines and innovation enablers to shape our innovation ecosystem and bridge systemic and market gaps. Advancements in technology have transformed health, transportation, communication, energy, and manufacturing industries across the globe. These transformations, in turn, have changed the organisation of economies and societies, and fostered greater cooperation within the international community through various institutions and arrangements.

The institution has initiated many measures in promoting research

activities and created an ecosystem for innovation through centres like incubation and other promotional cells/committees. The institute has a dedicated Research and Development team which aims at nurturing research culture in the College by promoting research activities. It encourages the faculty and also the students to undertake the research in newly emerging frontier areas of Engineering, Technology, Science and Humanities including multidisciplinary fields. The institution has a various committees and cells in addition to state of art technology laboratories, Incubation centre facilities to encourage and monitor research activities.

The College has created an appropriate ecosystem named asCREDfor Research and Innovation by recruiting & developing desirable human resource, taking initiative for creation and dissemination of knowledge and establishing state of the art infrastructure.

The Centre for Innovative Research, Incubation and Entrepreneurship Development (CRED)was launched during October 2018 with the vision of building an efficient and effective ecosystem for research and innovation in the campus. This framework was discussed and formulated with a panel of experts, management team and IQAC team. With a visionary of establishing a sound environment in research, innovation and incubation for the students and faculty members, the CRED spearheaded with multiple activities through Research and Innovations Promotion Committee (RIPC) and Incubation and Startup Promotion Committee (ISPC).

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

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

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

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

3.3 - Research Publications and Awards

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

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

2

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	No File Uploaded
Any additional information	No File Uploaded

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

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

19

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

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

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

230

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

3.4 - Extension Activities

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

PSVPEC inculcates social value and responsibilities to the faculty members and students by imparting extension activities in the neighbourhood for holistic development of the society. All students are engaged in the extension activity which comes under the services and curriculum. Students are also motivated to organise events and programmes for the people by themselves which make them understand the grass root problems in the society. The Students also are allowed to take up surveys in the villages to understand the problems faced by the people, so as to provide solutions through innovative research or through outreach activities. The college aims to develop students' Emotional Quotient through their interaction with various challenges and hurdles faced by the people in the nearby community and encourage stakeholders to develop their positive attitude towards life. The National Service Scheme unit, Rotaract Club, UBA team and The Youth Red Cross Society play a major role in these initiatives. In addition, outreach programs and invited lectures are also given to the community.

Village adoption: Having an objective to serve the grass roots, the institution has adopted Ponmar, Mambakkam, Polacheri, Vengadamangalam and Gowrivakkam villages under UBA. Major activities are carried out for the benefits of the adopted village community. The NSS wing of the college conducts programmes to educate the villagers on hygiene & sanitation, literacy, employment opportunities available for the youth of the village, protected water supply system, ecology, importance of girls education, awareness on Malaria, Dengue, AIDS etc.

Blood donation camps: Every year blood donation camps are organized in association with Lions Club, Velachery, Chennai. A Blood donor club is also associated with the NSS unit and a database of donors is maintained to donate blood at the time of need and emergency. Donation Camp is carried out twice every year and is one of the

most important social activities carried out by the NSS unit of PSVPEC. Blood Donation Camp was organized by the NSS Unit of PSVPEC through the Lions Club of Madras on 27th July, 2013 as a part of the NSS Camp.

Health awareness camps: Corona, Malaria, Dengue awareness camps are organized through the PSVPEC NSS, YRC, Rotaract and UBA for the nearby villages and also to the villages adopted by the Institution. First the students take orientation about the disease, its causes, symptoms, prevention and cure from Epidemic control centre, Tagore Medical College and then the camps are organized in the villages.

Planting of tree saplings: PSVPEC NSS, YRC, Rotaract and UBA initiated planting of hundreds of trees in nearby villages in collaboration with Ainthinai. Education program on waste management to school children are also organized.

Clean campaign: The NSS, YRC unit of PSVPEC is regularly involved in clean campaigns in villages and temples in the nearby areas. A health awareness rally was organised on 23.9.2017 through PSVPEC NSS unit and Chengelpattu Municipality. Cleaning activities were carried out in Chengelpattu Railway station under "Swachhata Hi Sewa".

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

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

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

1

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

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

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

30

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

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

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

1694

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

3.5 - Collaboration

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

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

114

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

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

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

46

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

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.

By adhering to the rules and regulations of regulatory bodies such as AICTE, Anna University, and others, the Institute has established policies and procedures to create infrastructure that

meets the required standards and norms, which includes human resources, laboratory equipment, built-up space, and learning resources. The institute intends to develop and improve long-term infrastructural facilities to support the teaching and learning process. The Institution is committed to providing students with specialized facilities and resources that promote hands-on learning. The Institution is committed to providing students with specialized facilities and resources that promote hands-on learning. The Institution's unique classroom settings and resources enable students to experience authentic teaching and learning environments. Apart from using blackboard for teaching, faculty members are using the resources such as NPTEL, Webinar, e-books, Lecture with animation & demonstration, Virtual lab and e-journals to keep the students more actively involved in the classroom session.

The various infrastructure facilities provided by the management are as follows:

- The Institution's 25.2 acres (1,01,981 sq.m) campus contains various buildings that offer students modern laboratory, library facilities, workshops, smart classrooms, computer laboratories and hostel facilities. The total built up area is about 26, 109 sq.m.
- The campus has well planned infrastructure comprising of 36 ICT enabled class rooms including 8 smart classrooms and 6 tutorial classrooms.
- The institution has three seminar halls with AC facilities, adequate Public Addressing System, LCD Projection Systems, recording facility and Lecture Capturing facilities and different departments employ these halls for guest lectures, seminars, and other departmental activities.
- The institution has an auditorium with a seating capacity of 300 and equipped with LCD projector, screen, audio system with multimedia capability. Workshops, seminars, and other cocurricular and extracurricular events in the institution are held in the auditorium.
- The Institution has 609 Computer systems maintaining a student computer ratio of 1.6:1. The institution has 40 projectors and 15 WIFI points and Internet facility with a bandwidth of 75 Mbps to facilitate computing and internet browsing and surveillance. The institution is facilitated with specialized computing CNC Machine.
- The institution is completely enabled with Wi-Fi facility and the institution has upgraded its internet speed to 75 Mbps.

- The institution has an active Training and Placement Cell comprising of Placement officer room, 2 group discussion rooms, 8 HR panel rooms and a waiting hall.
- There are 30 Laboratories in the institution and the laboratories are equipped with adequate number of laboratory equipments and machines. Students are permitted to complete mini and major projects in the laboratories.
- The available physical infrastructure is utilized beyond regular college hours, to conduct certificate courses, co-curricular activities/extra-curricular activities, campus recruitment training classes, campus recruitments, meetings, seminars, conferences etc
- The sports facilities like play grounds, indoor auditorium, gymnasium to motivate the team spirit and leadership qualities among students.
- There are 8 clubs and committee rooms for planning and discussing various programmes related to the clubs and committees. A research centre is available in the institution to undergo various research projects.

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

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

The institute with its regular academic activities keeps more emphasis on co-curricular and extracurricular activities. A sports ground of total 4000 sq.m area is available for outdoor games, The sports room is available for playing indoor games, yoga and meditation, A gymnasium hall (separate for girls and boys) is available which remains open for the students at all the time. The institute also has all the required sports material in good condition and in good number. Regular sports activities are organized by the campus including inter college, Zonal level and district levels.

Sports (indoor, outdoor)

- The institution provides adequate facilities for ensuring physical education activities to keep the students physically fit and healthy.

- The institution encourages students to participate in a variety of sports and games, from inter-college to national level, with the help of a certified sports director, in order to develop team spirit and leadership characteristics.
- Every student is encouraged to take active part in at least one outdoor activity. The Institution has set up facilities/grounds for Cricket, Football, Basketball, Kabaddi, Volleyball, Kho-kho, Table-Tennis, Throwball, Handball, Chess, Carom, etc., and league matches are encouraged. We also plan inter-college sports tournaments to develop a spirit of healthy competition.
- The institution has a separate block for Sports complex for indoor games like Table Tennis, Carrom and Chess.

Gymnasium and Yoga centre

- Gymnasium centre of the college has Treadmill, Cycling, Rod, Multi Gym 4 station, Multi bench 1320 Avon, Leg press Hack Squat, Gym ball, Bumbles, Bench Press With Squat Stand, Abs/Bench Inclined/Declined/Flat, Plates and Push Up stand. In order to ensure a sound body and mind, students are given special attention on health and fitness.
- Yoga centre was established for Students and Staffs. The hostel students make use of the Yoga centre regularly.

Cultural activities

- The institution provides outdoor open stage as well as auditorium to conduct various co-curricular activities of clubs and committees namely Cultural and event committee, Shakespeare Club, Science Club, Ramanujam Club, Eco club, EDC, Women empowerment cell in order to bring out their hidden talents and encourage them to participate in the inter department level and inter college level competitions.
- The college organizes events related through NSS, Health club, Rotaract club and YRC. Functions like Cultural Fest, Independence Day, Republic Day, Sports day, Teacher's Day, Women's Day, Annual Day etc., are celebrated.

Co-curricular & Extracurricular Activities

Every year institute organizes various cultural activities during fresher's welcome, annual social gathering and farewell events to explore and nourish the hidden talents of students. Institute has a well-furnished auditorium having 500 students seating capacity to carry out various cultural / extracurricular activities like

Induction Day, dance, rangoli and competition, annual social gathering, farewell, programs on yoga and meditation etc. The facilities for sports, games and cultural activities are efficiently utilized by students for various events like Symposiums, Annual day, sports week, etc. The usage for the same is monitored.

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

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

39

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

415.31

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

4.2 - Library as a Learning Resource

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

The college has central library building. Library has a huge collection of Text books, Reference books and others books with foreign, peer-reviewed journals and bound volumes of journals. The reading room is well furnished to accommodate 200 students at a time and provides conducive environment for study. A visitor record is maintained for students and faculty members, New Arrivals of books and journals are displayed on rack.

- The library is using ILMS called AutoLib - Library software version 6. AutoLib software has functionalities that enable a library to manage its housekeeping operations viz., acquisition of books and other materials, creation and maintenance of its catalogue database, circulation of its holdings, etc.
- It contains enhanced, simplified search facility which can locate books and identify users effectively through OPAC. The database of library books is available on OPAC for bibliographical search.
- The college has central library and department libraries. The reading room is well furnished with a convenient spacious reading area with 200 seating capacity. The reading area is around 5550 Sq.ft. and provides conducive and calm learning environment.
- All the library documents are bar-coded and books are issued to users by reading the barcode of the document.
- Separate sections like Book Section, Reference Section, Periodical Section, Project Report Section and Digital library sections are available.
- E-gate entry and exit is maintained for students and staff. New arrivals of books and journals are displayed on separate stands and racks.
- Digital Library is equipped with 30 PCs with Multimedia facility. Digital library allows accessing thousands of journals and reference materials with the institutional Membership at DELNET AND INFLIBNET.
- DELNET: <http://164.100.247.30/>
- Number of Titles and Volumes

Total Number of titles: 9615

Total number of volumes: 31518

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

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

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

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

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

17.58

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

246

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

4.3 - IT Infrastructure

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

The plans for infrastructural development are given top priority as the College realizes the correlation between adequate infrastructure and effective teaching - learning. The strategies adopted for ensuring adequate infrastructure are as follows:

- At the beginning of the academic year need - assessment for replacement / up gradation / addition of the existing infrastructure is carried out based on the suggestions from Academic Council members, Heads of the departments, lab technicians and system administrator after reviewing course requirements, computer - student ratio, budget constraints, working condition of the existing equipment and also students' grievances.
- Optimal deployment of infrastructure is ensured through conducting workshops/awareness programs/training programs for faculty on the use of new technology.
- Effective utilization of infrastructure is ensured through appointment of adequate and well qualified lab technicians/system administrator.
- Renewal is done at the beginning of the academic year for the deployed Software applications, UPS and Generators. The institute has always been reviewing the current needs and accordingly the internet bandwidth is upgraded from time to time.

IT Facilities in the Institution

Institution has the IT facilities namely Computers, Wi-Fi Hot Spots, Smart Class Rooms, Projectors, Internet, Computer and e-Governance Software as per AICTE Norms.

(a) Computers: Periodically, the institution refreshes and upgrades the computer equipment in accordance with the needs and intake of students. Prior to 2018-19, a total of 579 computers were

purchased (HP compact with intel core duo processor and Acer with Intel Pentium processor computers). In 2019-20, 30 number of computers were purchased (Intel dual core G5420 at 3.8GHz). There are totally 609 computers available in various laboratories. All the computers are interconnected using switches and optical fibres.

(b) Wi-Fi hot spot: The institution has wired and 10 Wi-Fi hotspot at prominent locations -wireless connectivity for use of students and faculty members across the campus. Initially Wi-Fi connectivity was extended to Main block and PG Block. In 2019, entire campus including Mech block, Civil Block, R & D block well connected with high speed WiFi facilities.

(c) Smart class room: Smart class room facilities installed in the department in the year 2017-18 for better teaching-learning process. Presently 8 number of smart class rooms are available. In 2019-20 smart class rooms are updated with lecturer capturing system facilities and recording facilities.

(d) Projectors: Prior to 2019-20, 27 numbers of projectors were available in the campus. In 2019-2020, 5 numbers of projectors are updated and in 2020-2021, 8 more projectors are purchased.

(e) Internet: The institution is completely enabled with Wi-Fi facility and the institution has upgraded its internet speed to 75 Mbps.

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

4.3.2 - Number of Computers

609

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in A. ? 50MBPS

the Institution

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

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

553.43

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

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.

The classrooms, seminar halls and laboratories, department office staff rooms, admin office are cleaned and maintained regularly by sweepers on daily basis assigned for each floor. Dustbins are placed in every floor. The green cover of the campus is well maintained by full time gardeners.

1. In PSVPEC, a maintenance wing which is under the control of administration is taking care of the complete campus maintenance which includes buildings, classrooms, water supply, gardens, housekeeping, roads of all the areas.
2. General maintenance includes maintenance of civil, plumbing and electrical works. This works lies on administrative officer.
3. In case of any failure or requirement of repair / service,

concerned in-charges will execute a work requisition through HOD to carry out the maintenance activities.

4. The complaints are normally received by campus maintenance committee through administrative officer. Based on the complaints received and nature of complaints administrative officer initiates the process of maintenance work with the help of concerned workers exclusively recruited for the purpose of maintenance.
5. If the issue requires additional spare parts or external vendors, they are called by the Administrative Officer to solve the particular maintenance problem.
6. Water tanks, water coolers and RO plant are subjected to periodical cleaning and maintenance to provide a quality service to the campus.
7. A good housekeeping practice is adhered by the institution including the class rooms, bathrooms, doors, stairways, corridors, walkways at all times.
8. During class committee meetings student's feedbacks are taken on infrastructure facilities and suitable actions are taken wherever necessary.
9. All class rooms, laboratories, office rooms, corridors, storage areas and amenities will be kept clean and maintained in a clean and hygienic manner.
10. Solid and Liquid waste are recycled and reused periodically.
11. All spills must be cleaned up immediately and cleaning material disposed of correctly
12. Parking facility is well organized. It is efficiently maintained by annually renewed contract employees.
13. The campus maintenance is monitored through CCTV Cameras.
14. Every department maintains a stock register for the available equipment.
15. Proper inspection is done and verification of stock takes place at the end of every year.
16. The civil and electrical work is adequately monitored and maintained by the Head (Administration).
17. Periodic reporting on requirements of repairs and maintenance are submitted by the HODs to the Administrative office. The requirements are collectively processed in every semester break so as to keep things ready for the new semester.
18. Pest control of library books and records is done every year by the maintenance department.
19. Head (Administration) and his team are involved in the maintenance of infrastructure facilities. This team looks after the regular maintenance of civil works such as furniture repairs, masonry and plaster works, painting,

carpentry, plumbing and house- keeping.

20. The administrative staff looks after the maintenance of rest rooms and neatness of the entire premises. Housekeeping services are regularly executed and monitored

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

494

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

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

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

593

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

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

A. All of the above

File Description	Documents
Link to Institutional website	https://www.psvpec.in/naac10/skill.php
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

804

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

804

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

5.1.5 - The Institution has a transparent mechanism for timely redressal of student

A. All of the above

grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

199

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

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

5.2.2.1 - Number of outgoing student progression to higher education

40

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
Details of student progression to higher education	No File Uploaded

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

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

2

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

5.3 - Student Participation and Activities

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

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

8

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

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

The institution promotes students council for facilitating students representation and engagements in various academic & administrative, extra-curricular and co-curricular activities. The objectives of the Students Council and the committees are:

- To inculcate the qualities of leadership, organization, commitment & responsibility in the students.
- To make the students participate in the development of the institute as well as in the process develop their personality, organizational skills and career through interactive programs with the faculty, administration and society.
- To provide a common platform to students for co-curricular and extra-curricular activities. It is responsible for all the major technical, cultural, literary and sports activities organized in the college premises.

Activities under the council will be well supported by a team of faculty members. Each committee comprises of Convener, students' members and staff members. The committees are formed based on the academic and administrative activities initiated and organized in the college. The formation of the committees has enhanced the smooth functioning of the academic activities and other co-curricular events.

The various committees functioning in the institution are:

Type of activity

Name of the Club/Committee

Administrative Activities

Student Council

Department Advisory Committee

Internal Quality Assurance Cell (IQAC)

Library Advisory Committee

Anti-ragging committee

Discipline and welfare committee

Grievances and Redressal committee

Hostel committee

Transport Committee

CO-Curricular Activities

Class committee

Research committee

Institution Innovation Council (IIC)

Training and Placement committee

Entrepreneurship and Development Committee

Newsletter Committee

Shakespeare English Club

Science Club

Ramanujan Maths Club

Professional Societies - CSI and ISTE

Extra-Curricular Activities

Sports advisory committee

Cultural and events Committee

National Service Scheme (NSS)

Rotaract Club

Youth Red Cross (YRC)

Women Empowerment Cell

Tamil Mandram

ECO Club

Role of the Students council:

- To formally represent every student in the College.
- To identify and help resolving the issues faced by students in the College.
- To officially inform students thought to the college administration on any subject concerning to the students
- To promote and encourage the students in organizing co-curricular, extra-curricular and other extension activities.

Class committee:

Every class has a class committee which consists of the students and faculty members. Class committee meetings are organized periodically and at times of need. It serves as the voice of the students in front of faculty and has a say in academic matters such as conduct of tests and so on.

Library Advisory Committee:

This committee strengthen the efforts of the librarian in planning library activities and policies. It takes the feedback from the departments and plan for improvement and enrichment of the library and act as a liaison between the library and the readers.

Alumni Association:

Alumni Association is administered by an Alumni committee. The alumni association is very active in promoting interactions and camaraderie among the alumni, staff and the management. Besides helping the alumni in all possible ways, it also lends its support to the college to achieve its cherished goals, its vision and

mission.

Anti-ragging committee:

Anti-Ragging Committee is the Supervisory and Advisory Committee that helps in preserving a Culture of Ragging Free Environment in the college Campus.

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

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

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

42

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

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

PSVPECAAPrince Shri Venkateshwara Padmavathy Engineering College Alumni Association was inaugurated in 2005 and is registered with Sl.no:604/2017, under the Tamil Nadu Societies Registration Act, 1975. PSVPECAA consists of President, Vice-president, Secretary, Joint-Secretary and Executive Committee members as office bearers.

Objectives of PSVPECAA:

1. To provide a forum for the Alumni of PSVPEC. For exchange of experience, dissemination of knowledge and talents amongst its members and to new students.
2. To conduct seminars, conferences, workshops, endowment lectures and other academic activities and also to keep in touch with one another of the College faculty, non-teaching staff and students.
3. To advise and interact with State and Central Government Bodies, Universities and Associations of other academic institutions on matters relating to promotion of higher education, training and management systems and thereby promote the welfare and status of the college.
4. To render financial aid to deserving poor students studying at the college.
5. To render financial aid to deserving alumni in cases of extreme compassionate circumstances.
6. To bring out magazines, souvenirs and newsletters highlighting the activities of the college and its Alumni
7. To organize cultural and educational programme and also to conduct Alumni Day celebrations every year.
8. To help the Alumni to get advice from the college on various technical problems and job opportunities that they may come across in their work and real life.
9. To keep alive love, spirit, affection and gratitude for our alma mater.
10. To conduct Alumni Day celebrations every year.
11. To carry out such other activities as may be necessary for furthering the above aims and objectives.

Non-financial Contribution:PSVPEC - Alumni Association acts as a platform to connect our alumni, who are now entrepreneurs, software engineers, managers, world class engineers, scientists and educationists. The alumni association helps in building a network of the alumni and helps current students in touch with the corporate world. The association helps in conducting interactive sessions to motivate current students about the employability and educational opportunities by arranging seminars, workshops, guest lectures, value added programs, etc. The association aims to bridge the institution and the alumni by organizing regular meets and encourages alumni to contribute to the growth of the institution. The alumni also assist the final year students of various streams of engineering to get their projects to be successfully implemented.

Financial Contribution:The alumni association supports the activities by extending financial support to the students as well

as the Institution. Nearly 6 lakhs have been received so far as Alumni contribution. From the contribution of alumni, a significant amount of money was spent for offering scholarship fees to the economically poor students, purchase of books, conducting alumni seminar, workshop, lectures, etc.

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

5.4.2 - Alumni contribution during the year A. ? 5Lakhs (INR in Lakhs)

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision of the institution

To be a prominent institution for technical education and research to meet the global challenges and demand for the societal needs.

Mission of the institution

- To develop the needed resources and infrastructure and to establish a conducive ambience for the teaching - learning process.
- To nurture in the students, professional and ethical values, and to instill in them a spirit of innovation and entrepreneurship.
- To encourage the students a desire for higher learning and research, to equip them to face the global challenges.
- To provide opportunities for students to get the needed additional skills to make them industry ready.
- To interact with industries and other organizations to facilitate transfer of knowledge and know- how.

The Institute's vision and mission statements represent the Institution's specific qualities and represent successful leadership enhanced through its effective governance. Governance is to put on record, the structure and practices that have resulted in efficient functioning to provide benefits and satisfaction to all stakeholders and hence lead to overall quality enhancement. The institute's governance makes sure; there is integrity at all levels of individuals, systems and organization in relation to external and internal activities of the college. Strong leadership and management skills in all of the places, where needed are maintained. Lean and competent administration of the governance delivers improvements in research quality and entrepreneurship eco-system. Robust and transparent financial systems, especially regarding procurement; and a strong internal and external audit system. The institution also allows students participation in management and governance at all levels.

Distinctive features of our Mission: The vision and mission of our college focus on Outcome Based Education (OBE). Aligned to that, our college moulds the younger generation to face the challenges in the society. Besides above, our students are moulded to be socially aware and become more responsible for contributing towards societal transformation and nation building along with social responsibility.

Nature of governance: Top management along with Principal and staff shoulder the responsibility in executing the activities that comply with the mission and vision of the institution. Faculty members and students also take leadership roles in various decision making bodies by acting as members in various committees like Governing Council, Internal Quality Assurance Cell, Programme Assessment Committee, Department Advisory Committee, Training and placement, Budget committee, Grievances and Redressal committee, Research and Development Cell, etc.

Perspective plan for development: Institution has perspective plan in tune with vision and mission of the Institution for the effective governance and leadership. Suggestion of the stakeholders and exemplary work of the decision making bodies result in a phenomenal growth and achievement of the perspective plan as detailed below

- NAAC Accreditation
- Enhancing Quality Teaching and Learning
- More funding for research activities.
- Promotion of research among staff and students

- Accreditation with reputed companies.
- Improving Entrepreneurship development activities
- Technology incubators and collaboration of industries.
- Centers of Excellence.
- Improving quality assurance and sustainability
- Eco friendly infrastructure.
- Enhancing Extension activities.

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

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

The Institution supports and motivates the culture of decentralization and participative management. Institution focuses on decentralization by intending equal opportunity to all faculty members to participate in the functioning of the Institution. Each committee has been provided with specific functions catering to the needs of institution for the ongoing progress and development of the Institution.

Management committee takes care of infrastructure facilities which fulfil the quality and the required needs of the education to reach the set goals or bench -marks of the Institution. It also extends all the amenities for the teaching, non-teaching faculty and students.

The faculty members are actively involved in administrative roles and duties by taking on positions such as Department Heads, Wardens, Faculty In-Charges, clubs and committee conveners, co-conveners, members, etc. They associate themselves with various committees namely Purchase committee, IQAC, Academic council, R&D cell, Class Committee, Entrepreneur Development Cell, NSS, Rotaract, and many more. The faculty members are actively engaged in driving a transition through the Mission of the Institution in order to identify and design the road map to attain the vision of the Institution.

Case study 1: Well Planned Academic activities through Academic Calendar

The institute operates under a decentralized governance system. The heads of the department have been given the authority to decide on activities and delegate responsibilities to the department staff members. This ensures a standardized, all-inclusive academic calendar at the institution level, which is aligned with Anna University's schedule. The Principal prepares an academic calendar at the start of each semester, bearing in mind the institutional excellence requirements. This is further discussed in the presence of the IQAC, Academic Council, and HoDs. The following are the essential parameters in the academic calendar and department calendar of an institution:

- Mentor-Mentee meeting, Class Committee meetings, Departments review meetings will be planned.
- Reopening dates, Assessment schedule, University examinations, Information about holidays, closing dates etc.
- Fresher's meet, Induction program, Bridge course, Class committee meeting, PTA etc.
- Professional society chapters, Club and association activities, Industry and field visits, FDPs, seminars, guest lectures etc.
- Placement readiness programs, Industry connect events etc.
- Academic Audit, Stock verification etc.

Case study 2: Participative Management

The institution promotes the culture of participative management at the strategic level, functional level and operational level.

Strategic level-: The Principal, Governing Council, staff and the IQAC are involved in defining policies & procedures, framing guidelines and rules & regulations pertaining to admission, examination, code of conduct-discipline, grievance, support services, finance etc.

Functional level: Faculty members share knowledge among themselves, students and staff members while working for a committee. Principal and faculty members are involved in joint research and have published papers

Operational level: The Principal and faculty members interact with government and external agencies & faculty members maintain interactions with the concerned departments of affiliating university.

Students and office staff join hands with the Principal and

faculty for the execution of different academic, administrative, extension related, co- and extracurricular activities.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Over the past 20 years the college has shown tremendous growth. For sustainable growth the strategies are formulated, communicated and implemented effectively. In view of the strategic plans, the institute has perspective plan of advancement. This arrangement is made according to necessities of the students and so as to oblige the requirements of the institute and the society. Building a Centre for innovations, research and entrepreneurship was one of the most important strategic plan which was achieved during October 2018.

Case study onCRED

Research & development Cell established during 2015 was able to promote research culture among the faculty and students by encouraging the publication of research papers in reputed journals. Strategically thinking there was a need to boost the research eco-system along with development of innovations, patents and entrepreneurship among the students and faculty members. This led to the formulation of Centre for Innovative Research, Incubation and Entrepreneurship Development (CRED) during October 2018. CRED spearheaded with multiple activities through Research and Innovations Promotion Committee (RIPC) and Incubation and Start-up Promotion Committee (ISPC). The committees under RIPC and ISPC are as under:

A. Research promotion through R&D Committee:A research lab with dedicated research team of faculty members is established to cater the research needs of faculty and students of the college and collaborating institutions.

B. Innovations promotion through Institution's Innovation Council:MHRD's Institution's Innovation Council was established in association with MHRD (Govt of India) to encourage, inspire and

nurture young students to transform the new ideas into their prototypes.

C. IPR promotion through IPR Cell: The IPR Cell functioning under Incubation and Start up Promotion Committee (ISPC) was established to contribute knowledge about IPR and aid in filing of patent applications and filing other forms of IPR.

D. Start-up promotion through IBPC: Incubation & Business Promotions Cell (IBPC) nurtures successful indigenous technologies and growth-oriented entrepreneurs / enterprises who can contribute to the economic growth of this region and the community.

E. Entrepreneurship promotion through ED Cell: The Entrepreneur Development Cell (ED Cell) of PSVPEC has been established to inspire students to create new and innovative business ventures compliant to global market and standards.

I. Research promotion through R&D Committee

1.

Ph.D. holders

More than 25%

2.

Expenditure for Research promotions and Development

Rs. 1,10,58,094.00

3.

Publications by faculty

709

4.

Books and Book Chapters by faculty

22

5.

Grants received through Research & Consultancy works done by the RDC

Rs. 94,02,500.00

6.

No. of MoUs

54

7.

No. of Conferences organised on research

6

II. Innovations promotion through Institution's Innovation Council

1.

IIC star performer for 2018-2019 and 2019-2020

Star performer

2.

Top 50 in Atal Ranking of Institutions on Innovation Achievements (ARIIA 2020)

Top 50

3.

Platinum rating in AICTE CII Survey of Industry linked Technical Institutes 2018-19 and 2019-20

Platinum

4.

No. of internal hackathons conducted

5

5.

Students participation in external hackathons and idea competitions

11

6.

No. of students participated in hackathons

30

7.

Prize amount won by students so far

3,00,000

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.psypec.in/naac20/criterion6.2.1.html?p=621#62%22
Upload any additional information	View File

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

The institution has a strong organizational structure with leadership at all levels. A clear recruitment policy with service rules is in its place in the institution. New recruits undergo orientation programmes to orient them with the institution's organogram and the policies. The Institution ensures effective implementation of governance, administrative functions, policy guidelines, service rules for employment at all functional level also.

Organization chart provides the functional and relational hierarchy of the institution. Chairman heads the institution and looks after all the functions of the institution including

academic, administrative and developmental activities. The Management along with the Governing Council and IQAC works towards making the institution to attain its goal of academic excellence and keeping in pace with the emerging trends and development of educational innovation. Decisions arrived by the Management Team, Governing Council and IQAC are issued through the Principal who acts as the main coordinator between all the three entities - the management, the staff members and the students.

Governing council:Governing council comprises of members of Management, Industry experts, Academic experts and members of IQAC. Governing council is formed to manage the ordinary affairs of the college in respect to the curriculum, ratification and approval of the appointments, discipline, legal matters, new initiatives and carrying out of the educational policy of the Society.

Principal:Principal is responsible for the co-ordination of all the academic activities, co-curricular and extra-curricular activities in accordance with the norms and standards prescribed by AICTE, Anna University, organize appointments of faculty members according to the norms of the AICTE and ANNA University, monitors admission, regular class works, placement activities, etc.,

Internal Quality Assurance Cell (IQAC):IQAC forms an integral part in instituting long term quality standards in the institution. IQAC ensures continuous improvement in the entire gamut of academic and administrative operations of PSVPEC by generating good academic ideas, processes and practices and ensuring their implementation for the benefit all the stakeholders - students, parents, teachers, staff, funding agencies, and society in general.

Head of the department:Head of the Department is responsible for all the academic activities, co-curricular and extra-curricular activities of the concerned department. HoD meetings headed by the Principal is organized every month for the review of the academic activities of the month and to plan for the activities of the following month.

Other leadership levels:Committees for Training and placement, Research and development, Hostel and Examinations are headed by senior faculty. Sports and Library are headed by Physical Director and Librarian respectively.

Administration:The General and Finance administration is headed by Administrative officer and Accounts officer supported with a team of technical and support staff.

Service Rules, Procedures, Recruitment and Promotional Policies.

- Procedures, recruitment, promotional policies are framed as per the rules and regulations of AICTE and Anna University.
- Service rules and all promotional policies are approved by the Governing council.
- Service register for all faculty is maintained in the institution.
- Faculty members, technical and non-technical staff are appointed as per norms based on the institute HR policy.

File Description	Documents
Paste link for additional information	https://www.psvpec.in/naac20/criterion6.2.2.html?p=622#62
Link to Organogram of the institution webpage	https://www.psvpec.in/naac20/pdffile/6.2.2/Institutions%20 Vision Mission Organogram .pdf
Upload any additional information	View File

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

The institute has well placed effective welfare measures for teaching and non-teaching staff. Welfare measures include various facilities, services and amenities provided for improving their academic and career growth, health, efficiency, economic betterment, and social status. Staff members are provided fee concessions for their wards in Prince Institutions. The staff members are encouraged and given OD to pursue higher education, to attend FDP in their field of interest, industry visits and trainings to attend and present research papers in conferences, to publish research papers in indexed journals, to organize seminar, guest lecture, FDP for faculty members. The faculty members are also given OD to participate/act as a resource person in the outside Institute

Orientation programs are conducted for the newly recruited faculty members once in a year to enhance their teaching ability. The faculty members are encouraged to attend the seminars conferences as well as refresher courses organized by university and AICTE. The Institute provides the following welfare scheme towards motivating and retaining the employees such as EPF, vacation for teaching and non-teaching staff members, casual leave, medical leave, and free transportation for teaching and non-teaching staff members. Some other benefits include

General Amenities

- Free Transport facilities to and from their home to college.
- Subsidized canteen facility
- Medical facility

Incentives / Awards

- Reward the staff for 100 % result achievement.
- Gifts are provided on Teacher's day to all the faculties.
- Motivates the staff to participate in events and rewards them with gifts.

Advancement /Life Long Learning:

- Incentives for authoring books and publications in referred journals and conferences.
- The institute supports the teaching staff to enhance professional development by permitting study leave to faculty for carrying out research projects.

- Research facilities are available for faculties pursuing their Ph.D.
- Sabbatical leave (OD) for attending examination, FDP, National & International Conferences.
- 50% expenses will be sponsored for the faculty members presenting paper in international conference.
- Registration fee reimbursement for FDP/ Conferences.
- For Patent filing full fees will be paid by the Institution.
- Financial support to attend conferences/workshops.
- Faculty members are encouraged to associate with State, National and International professional bodies.

List of major Welfare facilities given to the Faculty and their family members:

- Employment Provident Fund contribution to staff members right.
- Every year Daily Sheet Calendar is given to all faculty members.
- Compensatory OFF to faculty members.
- Maternity leave for 3 months with salary for the lady Teaching & Nonteaching Staff members.
- Fee concession for the children of teaching staff members in Prince Institutions.
- Providing crèche facilities for the wards of the staffs.

List of measure taken for Faculty Work-Life Balance:

- On emergency, transport facility arranged on any medical need, hospital facility is arranged.
- Monthly one Casual Leave and two one hour permission is allowed to be availed.
- 14 days of vacation in summer and 7 days of vacation in winter is given to staff members.
- Yoga facilities, Gym facilities are available. Staff members' sports (indoor game, outdoor games) are conducted.
- Motivation talks from the experts are conducted once in a semester.

File Description	Documents
Paste link for additional information	https://psvpec.in/naac20/criterion6.3.1.html?p=631#63
Upload any additional information	View File

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

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

100

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

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

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

18

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

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

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

106

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

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

All learners believe in their power to embrace learning, to excel, and to own their future. PSVPEC's Teacher Performance Appraisal provides a systematic structure to build and ensure a culture of professional learners committed in meeting the educational needs

of all students.

The Institution believes in empowered human resource for quality assurance. The Management believes in investment in people and thus continuously helps the institution in conducting FDP and training programs to keep the teachers updated and the non-teaching staff relevant to the context.

The Appraisal system is initiated with the self-appraisal and the review of the same by the HOD and the Principal. The self-appraisal is created with a view to evaluate a teacher with regard to various competencies like teaching, research, participation in Curricular and Co-Curricular and extra-curricular activities. Based on filled in pro forma faculty are also suggested for the scope of improvement. Non-teaching staff are also assessed based on their work achievements, qualification enhancement and adoptability towards the technological changes.

PSVPEC's Teacher Performance Appraisal system is grounded on three core beliefs about teaching and learning:

1. Teachers have a profound impact on student achievement.
2. Professional growth is essential in developing and maintaining content knowledge, pedagogical knowledge and skills, and the knowledge and skills needed to integrate technology into teaching and learning.
3. Professional relationship and enhanced commitment to continuous improvement and professional growth.

The Teacher Performance Appraisal is built upon self-assessment with six key concepts:

- Teaching and learning process (250 Marks).
- Academic Research (150 marks).
- Sponsored Research (150 Marks).
- Industry Interface (150 Marks).
- Student related activities (100 Marks).
- College /Departmental Activities (200 marks).

Teaching and Learning Processes: Within the performance appraisal process, standards provide scope for teachers and to make informed decisions about teaching performance and may assist in identifying future areas for growth and development. Establish baseline status data across all elements in the framework. To provide evidence regarding their skills in planning and aligning their lessons to University standards and curriculum.

Academic Research:The teacher should adapt and create new strategies for unique student needs and situations. Teacher organizes students into groups with the expressed idea of deepening their knowledge of informational content. The teacher should develop within by updating their knowledge by continuously involving in research and by guiding students to improve their innovative ideas as research.

Sponsored Research and Industry Interface:The teacher maintains strong industrial links by undertaking consultancy assignments. This includes job of varied nature like troubleshooting, product and process development and design checks. In addition to these activities, the faculty members also run short-term company specific training programmes.

Student Related Activities:Participation of the teacher in co-ordination and participation in Innovation clubs, Association activities, Department magazine, training, internship, mentoring, etc. are evaluated here.

College/ Department Development Activities: Contribution of teacher in development of department activities are evaluated here like professional activities, library work, participating in FDP, Alumni, Newsletter, Canteen etc.

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

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

Internal audit is performed by in- house team of six auditors on a termly basis and the reports are presented before the conduct of the external audit which is carried out at the end of the closure of all accounts in all respects. Since the institution follows a good system of internal control like calling quotations, comparison of rates, preparation of purchase order for each and every requirement needed, preparation of wage sheets, all the employee benefits are vouched like conducting and participating in seminars, conferences, faculty development programs. External audit is carried out by statutory auditors at the end of the financial year.

All appropriate steps are taken during internal audit to regularize the accounts and obtain confirmations for credit balances, to collect documentary evidences where necessary in respect of transfers, T.D.S. and regulatory formalities, and reconciliation of unit wise balances with control accounts and bank reconciliations. Vouchers or bills which do not have the seal of the company are objected at times and queries raised by the internal auditor are rectified as and when it is represented. Management is responsible for the implementation of agreed audit recommendations and internal audit undertakes periodic follow-up reviews to ensure such recommendations have been implemented.

Subsequently, external statutory audit is conducted periodically by the qualified chartered accountant and the final audit report with audit findings are submitted to the management. The consolidation of the findings of the Institutions have been completed and the annual returns have been submitted to relevant authorities concerned. The financial statements of the Institute provide a realistic statement through the audit report that the books of accounts reflect a true and fair view of the operational activities and the financial position of the Institute for the relevant financial year. The objections listed at the audits are settled with systematic follow up actions.

Activities carried out in External audit:

- Checking of all the expenses / vouchers Bills accounted in a respective months.
- Book closing. Trail balance, Finance reports Preparations submitted to Auditors.
- Audit carry out by External auditors.
- Audit Observations carried from accounts team.
- Book closing.
- Books with Financial report Submitted to Auditors

- Every Quarterly and Half yearly Auditors will come and securitize the vouchers
- Clarification / Rectification from Accounts team.
- Final Book closing - Trail Balance - Financial Reports preparation.
- Discussion with Management
- Financials Approved by Trustees
- Submitted to Income tax department.
- Financial year book closing.

The institute also ensures that information provided in the financial statements are of high quality and are acceptable by the Trustees, Chartered Accountants and the Government bodies.

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

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

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

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	No File Uploaded

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

Mobilization of funds: The major sources of Institution fundings are

1. Student fee
2. Research grants
3. Trust funds

4. Alumni contribution

Strategies for optimal utilization of resources

The major source of income for the college is through fee collection. In addition to the tuition and other fees paid by the students, if required, the institution secures additional funding through term loans from commercial banks. The expenditure mainly consists of salary payments, laboratory infrastructure & building infrastructure and maintenance. The institution also applies for funding for taking up major research projects, workshops, seminars and conferences from funding agencies and this amount is exclusively used for intended purpose. The Prince Educational Society takes care of capital expenditure on infrastructure and functional expenditures. Proper utilization of financial resources is planned at the beginning of every academic year. Finance department is responsible for mobilization of funds. The finance department is also responsible for optimal deployment of funds on the payment towards salary, tax, suppliers, contractors, service providers etc. Every department submits the budget proposals based on the requirements planned for the academic year.

- The department heads recommend the purchasing of laboratory requirement, computers, software, consumables and other products etc. Further funds required for R&D and maintenance are also submitted by the respective HODs.
- Training and placement cell proposes the expenditure required for the conduct of campus recruitment training programmes and other placement related activities.
- Based on the information provided by the HODs, the Library In-Charge submits a request for books and journals. He also submits the requirement for the subscription of e resources like Delnet etc.
- The system administrator submits financial estimates for the upkeep of the computers, peripherals, and internet subscriptions.
- The Exam cell coordinator submits the financial estimates for procurement of stationary for conducting the internal examinations, printing and other repro graphic requirements for the smooth conduct of the examination.
- The accounts department forecasts sales for the coming fiscal year. Estimates for increases in the salary portion of the expenditure as well as legislative payments to AICTE, the government, and the university are also included. Additionally, figures for student welfare, employee welfare, and routine expenditures such as energy bills, water bills,

and municipal taxes are given.

This is consolidated at the college level and submitted to the management for the approval. Based on the budget sanctioned, funds are released on priority basis. Every financial transaction is recorded and updated. The Audited accounts of the institution for previous financial years are enclosed

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

6.5 - Internal Quality Assurance System

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

The IQAC is constituted to monitor the internal quality aspects pertaining to academic, curricular and co-curricular activities for the welfare of the students within the existing academic and administrative systems.

The College established the IQAC in the year 2015. Since its inception, it has contributed extensively to uphold the quality of the institution. Initiatives including the promotion of research culture, recognition of faculty achievements, feedback analysis, organizing faculty development programmes and grievance redressal mechanism were introduced. The primary focus of the IQAC is to empower faculty and students. Much planning and thinking are put to develop innovative ideas to aid in the personal and academic growth of the students. To establish and monitor various initiatives IQAC has formulated various committees. These committees foster under the IQAC and reforms are done to ensure quality in all aspects.

Quality Initiative 1: Establishment of Academic Planning & Monitoring Committee (APMC)

The previously called Planning and Monitoring Board was reframed by IQAC during 2018 and was named as Academic Planning & Monitoring Committee (APMC) spearheading with core team members involved in smart planning and effective monitoring of the academic activities to ensure effective curriculum transaction and systematic assessment.

The objectives of this committee is to make a planning of academic/co-curricular/extra-curricular activities for the forthcoming semester/academic year. As well, this committee will review the activities of the previous semester/year and make recommendations to the Principal/Management for further improvement.

The committee will also overview the Research and Development activities of the college in each year and make suggestions for further improvements in this aspect.

Quality Initiative 2: Establishment of Research & Innovations Promotion Committee (RIPC)

The Research and Development Cell was redefined and established as Research & Innovations Promotion Committee (RIPC) in 2018.

Objectives of RIPC

- To develop research skills among the faculty members and students.
- To promote and to encourage the aspiring students and faculty members to carry out research in the field of science, engineering and technology by providing necessary facilities and infrastructures required for them.
- To create zeal among the students towards research and innovation.
- To work closely with the industrial needs that eventually will result in new or improved products, processes, systems or services that can increase the company's productivity.
- Promoting Innovative business activity creating added value in the global economy.
- To enhance skill development training & self-employment opportunities.
- To serve government by taking up sponsored projects.
- To conduct research work and survey for identifying entrepreneurial opportunities for our students and to organize talent show, in-house exhibition, business stall, etc.

Outcomes

- Increased research publications by students and faculty members
- Establishment of active Institution's Innovation Council (IIC)

- Increased students achievements in various innovation ideas and projects competitions
- Participation of students' innovative projects in national level competitions
- Top 50 in Atal Ranking of Institutions on Innovation Achievements (ARIIA 2020)
- AICTE CII Survey of Industry linked Technical Institutes 2020 - Platinum Rating
- Increased workshops, seminars, faculty development programs and training programs on Intellectual Property Rights, writing research proposal, research methodology, etc.,

File Description	Documents
Paste link for additional information	https://psvpec.in/naac20/criterion6.5.1.html?p=651#65
Upload any additional information	View File

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

Yes, the institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms.

I. Stakeholder review meetings for teaching learning

IQAC being the central body within the college monitors and review the teaching-learning process regularly. Based on feedback various innovative activities and reforms were introduced. This process is administered through various forms and meetings. The Feedback is collected from students through Mentor-Mentee meetings and Class Committee meetings.

Structure, Methodologies and Frequency of Meeting

To ensure the effectiveness in the governance, proper structure for review meetings, methodology for conduction of the meetings and the frequency for conducting the meetings are framed by the IQAC and the Academic Council members.

Evaluation of teachers by students: The institution has a feedback system to evaluate the teachers by students.

Student learning outcomes: The institute monitors the performance of the students regularly. It has specified procedure to collect and analyze data on student learning outcomes.

Students' result analysis: Institute has the provision of analysis of students' performance after the announcement of their semester results. Analysis is done each subject wise and necessary reforms are taken for the improvement of the results in the future.

The various other roles taken up by IQAC for quality in the teaching learning process are:

- Formulation of COs, POs/PSOs for implementation of Outcome Based Education, assessment (formative and summative) and attainment for COs, POs/PSOs are carried out.
- Establishment of Centre for Teaching and Learning to facilitate teaching-learning related activities using modern pedagogy techniques and innovative practices.
- Strengthening of ICT facility by providing smart boards for each department, LCD projector and audio system for all class rooms towards strengthening teaching learning practices.

II. Innovative Teaching Pedagogy

The IQAC has taken effective steps to enhance the potential of ICT enabled teaching & learning. Training programmes were organized for faculty to maximize the use of ICT. The classes have been equipped with ICT facility. Faculty members were encouraged to take up MOOC and other courses on the SWAYAM and NPTEL platform. Workshops on teaching with Simulations, technology, etc., were given to faculty members. The faculty members were asked to include more of simulations, case analysis, presentations and videos in their lesson plan. The teachers also got trained in taking full-fledged ICT classes for the students.

ICT-enabled tools for effective teaching and learning process

The Institute follows ICT enabled teaching in addition to the traditional classroom education. Subsequent efforts are taken by the institute to provide e-learning atmosphere in the classroom:

- In addition to chalk and talk method of teaching, the faculty members are using the IT enabled learning tools such as PPT, Video clippings, Audio system, online sources, to expose the students for advanced knowledge and practical

learning.

- Classrooms are fully furnished with LCD/OHP/Computers
- Most of the faculty use interactive methods for teaching. The major emphasis is on classroom interaction in terms of research paper presentations, seminars, debates, group discussions, assignments, quiz/tests/viva and laboratory work.

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

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://www.psvpec.in/aqar20-21.html
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Prince Shri Venkateshwara Padmavathy Engineering College strives to promote equal opportunity and treatment for all men and women working and studying at the College. The college aims to foster an

environment in which women folks are treated equally and considered as a major asset for the Institution.

Safety and Security: PSVPEC works to enhance the level of security on campus to provide a safe and a secure environment for students, faculty, staff and visitors. The following facilities are provided for safe environment for the women folks.

- 24x7 hrs security available in the campus and women security are also available in the ladies' hostels to ensure safety of women
- Full college campus and hostels are under the surveillance of CCTV Camera
- Women Floor supervisors' availability in all the floors of each block
- Lab instructors will be available at all laboratories
- Hostel warden is available for 24 hours at the girls' hostel to take care of the students
- One faculty is appointed as bus in-charge for each bus and they ensure the safe and secure travel of the girls' students in the bus.

Counselling: The college accords high priority to the counselling process. The students are linked to the faculty advisor in the first year itself. The faculty advisor takes care of the students and identifies his strength and weakness and monitors his / her activities in the college. Counselling is used to provide timely help to girls' students having emotional, behavioural, academic, social or other adjustment concerns. Although the teacher-student bonds at PSVPEC are very strong, mentoring is often not enough and professional quality mental health interventions are often necessary to help certain problems of the students.

Common room:The college has two common rooms - one for the girls and the other for the boys. The following facilities are made available in the girls common room.

- Availability of newspapers and journals
- Study space with table and chair
- A female attender is attached to the common room to cater to the small needs of the students. Two Faculty members remain in charge of the common rooms

Day Care:Day care facility is provided for the teaching and non-teaching faculties of Prince Shri Venkateshwara Padmavathy Engineering College.

Other gender sensitivity initiatives:

- Equal opportunities for career growth and self-development are provided for the faculty members irrespective of their gender.
- Womens' grievance redressal committee is constituted to address the issues faced by girl students and women faculty
- Women's Day is celebrated with great enthusiasm with girl students and lady staff members every year.
- Several motivational programmes and personality development programmes are arranged to educate the students on social / gender issues.
- The institution comprises of nearly 82 percentage of female staffs. The Secretary of the institution is also more approachable and friendly in understanding and solving womenfolk grievances.
- Gender awareness/sensitization based activities are planned by Women Empowerment cell & gender based disciplinary activities are monitored 24x7.

File Description	Documents
Annual gender sensitization action plan	https://psvpec.in/naac20/pdf/7.1.1/Gender%20Sensitization%20Action%20Plan.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://psvpec.in/naac20/pdf/7.1.1/facilities%20provided%20for%20gender%20equity%20&%20Activity%20Report.pdf

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

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste

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

As PSVPEC has been making very distinctive contributions in the field of environment and sustainability, it shall pay considerable attention to minimize the production of waste on the campus. This policy envisages to guarantying the moral, social and legal responsibilities of the College in creating an environment-friendly and sustainable world devoid of waste and exploitation of nature. The Institution has formulated and established the Waste Management Policy for efficient management of the waste that is generated in the institution.

Waste Management Policy objectives

1. Create consciousness among faculty and students about the ways in which waste is generated and the means by which they can reduce waste generation and manage the waste
2. Give appropriate training to segregate hazardous and non-hazardous waste and dispose them using appropriate method without creating further environmental pollution.
3. Follow the five "R" principle of reduce, reuse, recycle, refuse and regenerate.
4. To reduce waste generation at source and facilitate repair, reuse and recycling over the disposal of wastes in a cost-effective manner.
5. To provide obviously defined roles and responsibilities to identify and co-ordinate each activity of waste management.
6. Educate and create awareness to the community about proper waste management -extension activities.

E-waste management

1. Electronic goods should be put to optimum use; the minor repairs should be set right by the staff and the Laboratory assistants; and the major repairs, by the professional technicians, to be reused.
2. Bins should be set up in college campus to collect e-waste. This helps to create awareness on e-waste among students.
3. Collected E-waste should be analyzed, reviewed and then safely disposed.
4. E-waste is collected and given to authorized agency for dismantling and recycling as per TNPCB norms.

Solid waste management

1. Proper solid-waste collection center should be made available in the campus.
2. Biodegradable and non-biodegradable waste should be segregated and biodegradable waste should be used for compost.
3. Construct vermi-compost pits to utilize the garden wastes and other bio-degradable wastes to produce manure which is used in gardening.
4. Waste from the workshop and the chemistry lab should be disposed with due precautions.
5. Plastic wastes are completely banned in the campus. No plastic policy is also formulated.

Liquid waste management

1. Waste water from canteen, kitchen, bathroom, cloth wash, vessel wash in hostels are should be treated and reused. The STP plays a major role in treating the waste water and the treated water is used for gardening purposes.
2. Reuse of Waste Water to maximum possible extent is done.
3. The RO waste water during filtration is collected and used for gardening.

Hazardous chemical waste management

Use of hazardous liquid chemicals generating hazardous fumes shall be avoided using fume hoods installed in the laboratories.

Hazardous waste generated shall be hand over periodically to the Municipality for safer waste disposal.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

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

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

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

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

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

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

A. Any 4 or all of the above

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms.

Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

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

The Institution has a very active NSS Unit, Rotaract Club and YRC team. These units take up the initiative to organize various events towards providing an inclusive environment by bringing students and teachers with diverse background on single platform and make them participate in all the activities to bring in the

cultural diversity. The Clubs and Committees in the Institution provides an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. Different sports and cultural activities organized inside the college promote harmony towards each other. Commemorative days like Women's day, Yoga day, Cancer day, AIIDS along with many regional festivals like Pongal, Diwali, Muharram, Mahavir Jayanthi, etc are celebrated in the college.

There are different redressal committee in the college like Anti-ragging committee, Discipline Committee, Student grievance redressal cell, Women empowerment committee which deal with grievances without considering anyone's racial or cultural background. Institute has code of ethics for students and a separate code of ethics for teachers and other employees which has to be followed by each one of them irrespective of their cultural, regional, linguistic, communal socioeconomic and other diversities.

Glimpses of the events: Every year the College celebrates National Festivals i.e. Independence Day on 15th August and Republic Day on 26th January with pomp and gaiety by hoisting the national tri colour flag in the Campus. After unfurling the flag, students sing the National Anthem and other patriotic songs. On these occasions, the Head of the Institution also delivers Independence/Republic day messages. Special days like Teacher's day, Worker's day, Farmer's day, Student's day, Women's day, etc are celebrated with the involvement of students and faculty members.

A series of Blood donation camps, awareness camp for social cause, educative sessions are organized for the students as well as for the people living nearby the college. These activities are carried out through our NSS team regularly. The NSS team consists of 100 students, which is actively involved in taking efforts towards unity, harmony, safety, cleanliness, awareness, and addressing social issues in the society.

The Cultural Committee in the college celebrates all festivals like Pongal, Christmas, Onam, Ugadi, Bakrid, Ramzan, etc. Students are also educated to believe and respect all the religions and religious beliefs.

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

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

At PSVPEC, we believe in giving holistic exposure and education to the students. The Institution strongly believes that everything is established in values and truth. This means that the Institution, students, workers and the nation at large can develop through nothing else but only the values, rights and truthfulness. We believe in grooming the students with educating their duties and responsibilities towards the society and the Nation as well. Therefore sensitizing students on our constitutional rights, values, duties and responsibilities is one of the primary educations given at the institute through various means, like events, activities, guest lectures, workshop, competitions, etc. These are organised through various clubs and committees in the Institution. The NSS unit takes up most of the responsibilities towards this initiative.

Sensitization of students and employees of the Institution to the constitutional obligations is done through curriculum as well as through extra-curricular activities. Subjects like Human rights and Professional ethics are available in the syllabus and students learn those subjects in an enthusiastic manner and practice them in their lives. Value added courses are also taken up on these topics and students are educated on the ethics, values and beliefs.

The NSS team works on organising events on issues related to discrimination, drug abuse, child labour, equality, corruption, road safety, health and food security rights, etc. Various activities like rally, awareness camps in villages, drawing competitions, poster making competitions, etc., are organised involving volunteers. Students also take up initiatives in learning from these and also practising in their day to day activities.

The Women Empowerment Committee focuses on gender issues and women

rights. The committee ensures equal rights for women and organises various educative session for women faculty members. The committee involves in bringing unity among the students and ensures a better living culture in the campus. The committee also educates male students on protecting and cherishing womanhood. Educating men on Women rights is said to be more important, which is preached in our campus.

The Entrepreneurship Development Cell and The Consumer Club initiates' events on Consumer rights, legal services and advisory, child rights, etc., Students are educated on consumer rights and available legal services for a common man. This makes our students well trained on right to safety, right to be informed, right to choose, right to be heard, right to seek redressal and right to consumer education.

Being a nation loving Institution, each citizen in our campus respect the National Flag and National Anthem, obey the laws of our country, protect the power, unity and integrity of the country, safeguard public property, pay our taxes with honesty promptly, protect and preserve cultural heritage sites, protect, preserve and improve the natural environment, guard the country and maintain the spirit of a common brotherhood, respect, value and follow all the noble ideals used in the national struggle for freedom, etc. We ourselves abide by these commitments which lead to the progress, peace, and prosperity of the country.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://psvpec.in/naac20/pdf/7.1.9/7.1.9-Report%20on%20the%20Activities%20to%20Inculcate%20Values.pdf
Any other relevant information	https://psvpec.in/naac20/pdf/7.1.9/7.1.9-PSVPEC-Sensi-Constitutional-Obligations.pdf

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

students, teachers, administrators
and other staff 4. Annual awareness
programmes on Code of Conduct are
organized

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

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

At PSVPEC commemorative and national ceremonies and events are organised every year. Everyone in the campus will be engaged to promote, mark and remember the values of sacrifice, dedication and loyalty, of the great citizens who sacrificed their lives in battles of heroism, dedication and national duty. The holiday will honour the heroes with nationwide remembrance to those who gave their souls for their homeland. The events will be hosted in the campus one day before or after the holiday of the commemorative day.

All national festivals and important functions are celebrated with great enthusiasm to inculcate a sense of patriotism in the students. Important days like Republic day and Independence Day is celebrated by hoisting the national flag and showing great patriotism the country and the freedom fighters. The students also take pride in celebrating such events with great vigour and enthusiasm.

The Institution also commemorates the birth / death anniversaries of great Indian personalities like Dr.A.P.J Abdul Kalam, Dr. Babasaheb Ambedkar, Mahatma Gandhi, Kamarajar, Bhagat Singh, Balagangadhar Tilak, Rajiv Gandhi, etc. By observing such important events, we at PSVPEC educate and preach students about the principles of great peoples which make them understand the importance of serving the country. The students also share the teachings of these eminent personalities through many competitions

and events.

Teachers' Day is celebrated annually on September 5 to mark the birthday of the country's former President, scholar, philosopher and Bharat Ratna awardee, Dr Sarvepalli Radhakrishnan. In our college Teachers' Day is celebrated to show the unique role that adults play in the lives of young minds and help shape the future of a country. Every year sweet boxes are gifted to the teachers as a sign of appreciation and celebration.

Various other days like Mothers' day, International Women's day, Father's Day, Student's day, Doctor's day, Army day, Children's day, Worker's day, etc are observed and celebrated to cherish the roles of each sector of people.

National Youth Day, also known as Vivekananda Jayanti, is celebrated on 12 January being the birthday of Swami Vivekananda. This day creates awareness and provides knowledge about the rights of people in India. It is a day to educate people to behave properly in the country. The main objective behind the celebration in our college is to make a better future of the country by motivating the youths and spreading the ideas of the Swami Vivekananda. Women's day is celebrated on International Women's day i.e. March 8 to show respect towards women in all the efforts taken by them to manage the personal and professional life and for their contributions. Awareness creation concepts like Environment day, Ocean day, Blood donor day, Yoga day, Population day, Patriot day, Kindness day, Unity day, Science day, Happiness day, etc are also observed and celebrated with various events and competitions.

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

7.2 - Best Practices

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

Best Practice I - Research, Innovations and Entrepreneurship

development through CRED

1. Title: RIE through CRED- Research, Innovations and Entrepreneurship development through CRED (Centre for Innovative Research, Incubation and Entrepreneurship Development)

2. Objectives:

- Promotion of research and innovations among students and faculty members
- Creation of an aspirational entrepreneurship culture i.e., opportunity driven entrepreneurship as opposed to necessity driven
- Enhancement of the support ecosystem for entrepreneurs catering to local and national needs
- Rapid and inclusive growth of Small scale industries / Startup enterprises and innovation

3. Context:

The institution established the Research & Development Cell during the year 2015. With its initiation the team was able to promote research culture among the faculty and students, promoted consultancy works, encouraged publication of research papers in reputed journals. Though patent rights and entrepreneurship development was a major focus, much light was not thrown on those two initiatives. Strategically thinking there was a need to boost the research eco-system along with development of innovations, patents and entrepreneurship among the students and faculty members. In such a context the management and IQAC team identified the potential of promoting ownership of concepts and ideas through patents, business promotions and entrepreneurship development. This led to the formulation of "The Centre for Innovative Research, Incubation and Entrepreneurship Development" during October 2018. With a visionary of establishing a sound environment in research, innovation and incubation for the students and faculty members, the CRED spearheaded with multiple activities through Research and Innovations Promotion Committee (RIPC) and Incubation and Startup Promotion Committee (ISPC).

4. The Practice: From Innovator to Entrepreneur

A. Research promotion through R&D Committee: The College has created basic and advanced research facilities in the campus with a dedicated research team of faculty members. A dedicated centre lab is established which caters to the research needs of faculty

and students of the college and collaborating institutions. Special schemes/awards/policies/incentives to motivate faculty and students towards research and publication in reputed journals are implemented. Faculty members and students are encouraged to participate in conferences, research conclaves, workshops, etc. for interactions with experts in the field. The vibrant R&D culture fosters innovative spirit to kindle the young minds at the campus under able guidance and mentorship of motivated faculty members at all the departments.

B. Innovations promotion through Institution's Innovation Council: Prince Shri Venkateshwara Padmavathy Engineering College in association with Ministry of Human Resource Development (MHRD), Govt. of India has established 'MHRD's Institution's Innovation Council (IIC) during November 2018 to systematically foster the culture of Innovation. The main objective of IIC at PSVPEC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes. IIC is established to promote innovation in the Institution through multitudinous modes leading to an innovation promotion eco-system in the campus.

C. IPR promotion through IPR Cell: The IPR Cell of the college was constituted in November 2018. The cell was aimed to provide Intellectual Property Rights awareness for teachers and students. It also scrutinizes legal and monetary facets of the documentation of research papers. Many of the intellectual possessions are not sheltered due to the lack of understanding of the importance of IPR. For this reason, IPR cell at PSVPEC was established to contribute knowledge about IPR and aid in filing of patent applications and filing other forms of IPR. IPR cell functions under the Incubation and Startup Promotion Committee (ISPC) of the college. IQAC in association with IPR cell organizes various programmes to propagate the importance of IPR among the students and faculty members of the college.

D. Startup promotion through IBPC: Incubation & Business Promotions Cell (IBPC) nurtures successful indigenous technologies and growth oriented entrepreneurs / enterprises who can contribute to the economic growth of this region and the community. IBPC is reputed for its huge network of successful domain experts, academicians and experienced professionals who can share their technical experience in harnessing the skill of product development. IBPC is also ready to serve both non-technology and technology businesses. This, in turn, may help with faculty and student recruitment, and retention of graduates in the community.

E. Entrepreneurship promotion through ED Cell: The Entrepreneur Development Cell (ED Cell) of PSVPEC has been established in the year 2015-16 to encourage graduating engineers to consider Self-employment as a career option. This cell promotes the Entrepreneurship through expert lectures, workshops, seminars, business plan, idea pitching competitions and outdoor activities. It also provides technical and marketing support from innovation to entrepreneurship.

5. Evidence of Success:

I. Research promotion through R&D Committee

1.

More than 25 % of the faculty members are Ph.D holders

Data in Bar chart

2.

Expenditure for Research promotions and Development

Rs. 1,10,58,094.00

3.

Total publications by faculty members

724

4.

Books and Book Chapters by faculty members

22

5.

Grants received through Research & Consultancy works done by the RDC

Rs. 94,02,500.00

6.

No. of MoUs signed

54

7.

No. of Conferences organised on research

6

5. Problems encountered and resources required:

- Under-utilization of research results by the industries needs to be examined at the level of production and utilization of IPR.
- All patents are not converted to businesses. Risk management has to be educated to the students and faculty for entrepreneurial initiations.
- Industry participation is required to work on live problems useful for society. This might lead to collaborative research solutions for the problems in the society.
- At present the Resources are adequate for the number of takers/participants. In case of increase in takers, the CRED has to be able to accommodate and support with more facilities.
- Activities carried out of the class hours are a constraint. This results in lesser number of student participation in programmes. Only interested students actively participate in the events. Other students must be given a compulsory awareness and education on entrepreneurship as it might kindle their interest in future.
- Focus on alliance with technical institutions and Industry to introduce and incubate startups has to be increased.

Best Practice 2 -Responsibilities, Outreach and Impact creation through Extension activities.

1. Title:ROI through Extension -Responsibilities, Outreach and Impact creation through Extension activities.

2. Objectives:

- To educate students, faculty and local community people on self-development through educational resources.
- To enable the people to manage changes in the social and economic arena.

- To organise and conduct programmes that address people's needs and their priorities.
- To use a group approach to enhance cost-effectiveness, creativity and to encourage democratic processes through students and faculty members.
- To make students and faculty become educators by encouraging them to participate in development of the local community people through learning activities.
- To be flexible and innovative in program approaches and to create an impact among the local community on sustainability and development.

3. Context:

Our college inculcates social value and responsibilities to the faculty members and students by imparting extension activities in the neighbourhood for holistic development of the society. Every year the extension activities are planned for various villages in and around the college. All students are engaged in the extension activity which comes under the services and curriculum. Students are also motivated to organise events and programmes for the people by themselves which make them understand the grass root problems in the society. The Students also are allowed to take up surveys in the villages to understand the problems faced by the people, so as to provide solutions through innovative research or through outreach activities. The college consistently promotes participation of students and faculty members in socio-friendly extension activities through various cells and activity centres. The college aims to develop students' Emotional Quotient through their interaction with various challenges and hurdles faced by the people in the nearby community and encourage stakeholders to develop their positive attitude towards life. The National Service Scheme unit, Rotaract Club and The Youth Red Cross Society play a major role in these initiatives. In addition, outreach programs and invited lectures are also given to the community.

4. The Practice: From Education to Service

A. National Service Scheme (NSS): The National Service Scheme (NSS) was launched in 1969, the birth centenary year of the Father of Nation, by the Government of India. It is a voluntary association of young people, especially college students to work for campus-community linkages. The aim is to develop student's personality through community service. The NSS unit of PSVPEC provides a platform to the students for community work and developing a sense of involvement in the tasks of nation building. NSS volunteers

work to ensure that a needy get help to enhance their standard of living. A variety of activities are organized every year to channelize the energy and idealism of the younger generation into creative pursuits. They educate students and society regarding many issues like health, sanitation, pollution, agriculture, etc. Various health camps and cleanliness drives across campus and slum areas nearby are taken out regularly to create awareness and also to motivate people to work towards a clean environment.

B. Rotaract Club: Prince Shri Venkateshwara Padmavathy Engineering College in association with Rotary International has established the Rotaract Club with more than 70 members. A young and vibrant team is in place in the Rotaract club such that they are involved in different extension activities and community services. They organize and participate in different extension activities like AIDS awareness rally, Vigilance Awareness, Anti - Dowry programs, Tree - Plantation, Blood Donation, awareness camps on food and health, health camps in collaboration with hospitals, etc.

C. Youth Red Cross Society: PSVPEC's Youth Red Cross was established to inculcate in the Youth of our college / country, awareness on the care of their own health and that of others the understanding and acceptance of civic responsibilities and acting accordingly with humanitarian concern, to fulfil the same to enable growth and development. It functions with the one and only aim of serving people in distress without any consideration of caste, religion, language and nationality.

D. Unnat Bharat Abhiyan (UBA): Unnat Bharat Abhiyan is inspired by the vision of transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an Inclusive India. Prince Shri Venkateshwara Padmavathy Engineering College is one among the various institutions of the nation to take part in the various activities covered under the UBA. The UBA team of our college under the leadership of Principal Dr. G Indira and the Coordinators Dr. X Mercilin Raajini and Mr. G Sathi has identified following villages in order to improvise the livelihood of the village: Gowrivakkam, Mambakkam, Polachery, Ponmar and Vengadamangalamin the Kancheepuram district of Tamilnadu. The UBA team of our college conducted many rallies to create awareness regarding the importance of water in the present & future scenario, eliminating the usage of plastics. The team has taken a detailed survey of the households in the villages to understand the livelihood practices of the villages.

E. Pradhan Mantri Kaushal Vikas Yojana (PMKVY): Pradhan Mantri Kaushal Vikas Yojana (PMKVY) is the flagship scheme of the Ministry of Skill Development & Entrepreneurship (MSDE) implemented by National Skill Development Corporation. Our institution has started PMKVY-TI scheme under AICTE from 2018-19. In 2018-19 session 50 students have enrolled and in 2019-20 session 75 students enrolled in different branches. Our institution provides good infrastructure (Lab and other facilities), best training by our experience trainer to the enrolled students. Assessment of both batches has been successfully completed by different sectors and certificates of qualified students have been also distributed.

5. Evidence of Success:

Impact: Through extension and outreach programs, we sensitize the students to develop social values, widespread their responsibilities and knowledge in societal issues and problems by making them to involve with the community people. Through this, we establish a good relationship with NGO, tie-up with Multi National Company and join hands with local community organization and serve the community. Students with profound interest attain the social values and responsibility. Above all, the students get hold of social justice, value, responsibility and sustainability.

Achievements:

The National Service Scheme (NSS) of PSVPEC has been doing remarkable work during the last five years. The unit has been in the forefront of all the activities in the college and has offered many selfless services to the society. The NSS unit have been bestowed with best NSS unit award for the year 2018-19 by the Anna University, Chennai for the community service and enterprising attitude. Apart from the incessant regular activities in the campus, the units organise many community contact programmes in and outside the campus. The NSS plays a large role in making the students socially committed, self-confident and responsible citizens of the nation. It would be pertinent to note that the committed efforts by the enterprising programme officers of the NSS unit and the NSS volunteers took the NSS unit to exceptional achievements during the last five years.

Success through REACHING THE UNREACHED

Villages adopted

5

No. of Villages reached through extension

20

No. of trees planted in and around campus

800

No. of trees planted in villages

2000

No. of students participated and benefitted

690

No. of community people participated and benefitted

2400

No. of Students trained through PMKVY

125

No. of Veterinary camps organised in villages

3

No. of Blood camps organised

>15

No. of health camps organised in villages

8

No. of collaborations with other institutions and non-profit organisations for extension

10

No. of employment created and provided for people in the nearby villages

More than 45

Other services provided to the local community people

1. Constructed a temple for the Ponmar village people
2. Constructed a Community hall for the Ponmar village
3. Renovated irrigation tanks in the nearby villages
4. Linking farmers with agricultural officers and consultants
5. Relief activities during cyclone, floods and Covid-19

Total value of service provided through Extension activities

Year

Total Asset created (Rs.)

2020-2021

139050

2019-2020

236300

2018-2019

266600

2017-2018

174000

2016-2017

223000

Total (Rs.)

1038950

Total asset value created: Rs. 10, 38,950/-

5. Problems encountered and resources required:

- Students initially face a constraint in understanding the community in which they work. This is planned to be

addressed by the orientation workshops organised by the outreach centres.

- It is also tough for the students to understand themselves in relation to their community, especially for those students who are from the urban places.
- Identifying the needs and problems of the community is done effectively but involving the community to solve their own problems is a great challenge, since people are not ready to accept the initiatives readily. Continuous interaction and involvement of the students through living with the community only helps the people change and cooperate with the service units.
- More focus is required in developing competence required for group living and sharing of responsibilities among the students.
- Students lack skills in mobilizing community participation.
- The institution should involve students in research and innovations for agriculture development and sustainable initiatives for the farmers as the college is surrounded by agricultural lands.

File Description	Documents
Best practices in the Institutional website	https://psvpec.in/naac20/criterion7.2.1.html?p=721#72
Any other relevant information	https://psvpec.in/naac20/pdffile/7.2.1/BP-2/1.Best Practice2-ROI Through Extension.pdf

7.3 - Institutional Distinctiveness

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

PSVPEC's Priority:Sustainable Environment

Being a premier institution of higher learning, PSVPEC has initiated 'The Green Campus' program a decade back to promote various projects for the environment protection and sustainability. Long back the demand for sustainable environment was recognised and made the institution to invest for greener campus, greener buildings, greener practices and products, and ways of engaging staff and students for the sustainable future. Also focussing on our social responsibility the green initiative

was planned to adopt by us, educate the stakeholders, practice in campus and preach the community.

In the words of climate activist Hindou Oumarou Ibrahim, "There is no vaccine against climate change."

The institution has keen concern on the protection of environment, development and sustainable development. The depletion of natural sources, industrialization, and urbanization, development of science and technology and also tremendous growth of population are major threat to human survival. Ecology is common heritage for all human being the need of society increase day by day and its effect on the natural sources and environment, natural sources are limited and irrecoverable.

The institution has adopted three important principles in developing a sustainable environment.

1. Inter-Generational Equity
2. The Precautionary Principle
3. Polluter Pays Principle

Inter-Generational Equity: The principle talks about the right of every generation to get benefit from the natural resources. Principle 3 of the Rio declaration states that: The right to development must be fulfilled so as to equitably meet developmental and environmental needs of present and future generations. "The main object behind the principle is to ensure that the present generation should not abuse the non-renewable resources so as to deprive the future generation of its benefit". This principle is adopted by the college to instil in the present generation students the importance of protecting the environment.

The Precautionary Principle: This is the most important principle of 'Sustainable Development'. Principle 15 of the Rio declaration states that: "In order to protect the environment, the precautionary approach shall be widely applied by States according to their capabilities. Where there are threats of serious or irreversible damage, lack of full scientific certainty shall not be used as a reason for postponing cost-effective measures to prevent environmental degradation." This principle is adopted by us to take up precautionary steps from now on towards creating a sustainable environment.

Polluter Pays Principle: The Principle 16 of the Rio declaration states that National authorities should endeavour to promote the

internalization of environmental costs and the use of economic instruments, taking into account the approach that the polluter should, in principle, bear the cost of pollution, with due regard to the public interest and without distorting international trade and investment. As an education institution, we take up the responsibility of polluting as well as paying for our activities. We concentrate equally on reducing pollution through various measures as well as paying for pollution through activities in research and extension.

To save the earth for future generation we have come up with a doctrine called 'Sustainable Environment', where we can try for a balance between development and ecology. Sustainable Development maintains a balance between development and the environment. It promotes inter-generational equity, i.e. better quality of life for present and future generations. The benefit from development ought to be equated with the impact on the environment for such development. The basic concept of sustainable development aims to maintain a balance between economic advancement while protecting the environment in order to meet the needs of the present as well the future generations.

As an education institution we have more responsibilities towards the society within which we are based and operate. We understood what needs to be done for the future:

- Build a sustainable environment
- Create awareness and educate students and staffs on sustainable concepts
- Promote research and innovations for environmental problems
- Educate the community and preach the community about sustainable initiatives
- Adapt and prepare for what is to come

PSVPEC's Thrust: Giving back to the society

"By building people, we build society. By building leaders, we build the nation's technology and economy". These are the words of our founder Dr. K Vasudevan, who always believe in giving back to the society we dwell in, and with this spirit of sincerity, we believe in high standards of academic, professional, and societal performance.

We believe that college life is not all about academics, games, friends, and fun. It is also about learning to interact with other people, being aware of social, environmental and gender issues,

and inequities in the society. We provide an opportunity to every student to contribute to make the society in which they live a better place and to grow as better individuals. This is achieved by the initiative "Our Common Future (OCF)" an inclusion of policy making, living with nature, collaborations for sustainability, research and innovations for sustainability, extension and outreach activities, etc., involving students, faculty, community and environment.

Students' today care about sustainability. UNESCO reports that 91 per cent of students "agree their place of study should actively incorporate and promote sustainable development". The disconnect often lies in what students can do to promote sustainability in their college lives.

"Our Common Future" is everything from education, to research, to operations and outreach. Everything that all 3000 people on campus are doing, to try to make our campus more sustainable.

This model of engaging both students and faculty that are passionate about sustainability is the reason for our sustainable environment. "Students are our future, so students' involvement in sustainability is really critical on campus. Students have a lot of passion and great ideas, especially when it comes to sustainability. Sustainability is baked into our college campus. Its people coming together who have shared passion and a strong vision towards sustainable environment for the future. This vision makes us move towards giving back more to the society.

The Distinctiveness: OCF Methodology

- Sustainable Campus Policies
- Greener campus initiatives
- Collaborations for sustainability
- Pedagogical innovations and research for sustainability
- Sustainability outreach through socially responsible human beings

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Prince Shri Venkateshwara Padmavathy Engineering college affiliated to Anna University, Chennai has an effective curriculum management system for teaching learning and supporting system. The curriculum and syllabi prescribed by the Anna University are strictly adhered and implemented effectively. Apart from the prescribed curriculum the college has also strategized ways and means to strengthen the teaching-learning process to implement the curriculum statement based on student's needs in the following ways: The Institution has established Academic Planning and Monitoring Committee (APMC) for ensuring effective curriculum delivery. The primary objective of the committee is to ensure quality academics in the institute which gives true joy of learning to students. APMC is responsible for drafting, regulating and implementing different academic guidelines and procedures for smooth & uniform conduction of academics throughout the institute to excel in university results and to develop the students into competent graduate engineers. The role of Academic planning and monitoring committee includes semester planning, execution and mentoring of academic activities. APMC systematically designs and develops effective action plans. Based on the academic schedule published by the Anna University, an academic calendar is prepared with all the necessary activities for effective curriculum implementation. The finalised academic calendar is communicated to the faculty and students through proper channel and is also displayed in the college website. Details planned in the Academic Calendar are: Date of commencement of the class Internal Assessment Schedule Seminars, workshops, conference, Guest Lecture, Certificate Course Last working day Tentative Schedule of University Practical and Theory Exams Details of holidays. Allocating the subjects to the faculty based on competency matrix, experience and previous year performance is followed and the timetable for every semester is prepared in advance including library hours, tutorial classes and the same is communicated to the faculty Appointment of class in-charges and also mentoring system is followed in the college with faculty student ratio as 1:12 for effective monitoring of the students as well to strengthen the bond between faculty and

students, leading to create better learning atmosphere and to sustain their performance. Classroom teaching by giving lectures with discussions, chalk & talk, OHPs, PPTs, group discussions, quiz, seminars, visual aids, models, videos, NPTEL course materials etc., Result analysis of Internal Assessment Test, Model Exam and End semester examinations along with Corrective measures. Communication to the parents about the attendance shortage, academic performance of their ward after completion of Assessments. Parent-Teachers Meeting every semester to obtain feedback from parents-improve the academic performance of their ward. The Academic Planning and Monitoring Committee plays important role in ensuring the execution of academics as per the semester planning. The APMC will make regular visits to departments to ensure the proper conduction of classes, class tests, projects, mentoring activities etc., as per schedule. The members of the committee will check the maintenance of all academic records by faculty members, class teachers and academic coordinators.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://psvpec.in/naac20/pdffile/1.1.1/Well%20Planned%20Curriculum%20Planning%20and%20Process.pdf

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

Academics is of utmost priority of our institution. Keeping this in view, the Academic Planning & Monitoring Committee (APMC) spearheading with core team members involves in smart planning and effective monitoring of the academic activities to ensure effective curriculum transaction and systematic assessment. The primary objective of the committee is to ensure quality academics in the institute which gives true joy of learning to students. APMC is responsible for drafting, regulating and implementing different academic guidelines and procedures for smooth & uniform conduction of academics throughout the institute to excel in university results and to develop the students into competent graduate engineers. The role Academic planning and monitoring committee includes semester planning, execution and mentoring of academic activities. The objectives of the committee are To ensure that

all departments have done proper planning before the start of semester for conduction of lectures and practical To ensure that effective teaching - learning is taking place throughout the semester To ensure that effective continuous assessment and evaluation is taking place to support teaching - learning To ensure that slow learners and advanced learners are taken care as per their needs Academic Schedule The institution strictly adheres to the schedule prescribed by Anna University, Chennai. Academic calendar for the institution and department is framed by the committee comprised of Principal, IQAC and Head of Departments well in advance. It is circulated to the staff and students to plan their course of action accordingly well in advance and also the same is displayed in notice board. It outlines: The internal examination schedule, model practicals, tentative dates for university practical and theory examination schedule. Government holidays. List of holidays help the hostellers to plan their visit to native places. Reopening and closing dates for the students, year wise are included. Induction day and bridge course schedule for fresher is also included in calendar. The schedule of technical events conducted in the institution like department wise technical symposiums, conferences, workshops for both student and staff, certificate course for the students, guest lectures for both students of the institution. The schedule of sports activities at college level. The conduction of nontechnical events like college day, Graduation day, Sports day and Pongal celebrations are also enlisted in the calendar. Schedule of industrial visits, class committee meeting, mentoring for the students is included in the department calendar. Important dates schedule helps the clubs and committee to plan their events in advance. Academic calendar thus helps in the smooth conduction of classes and the completion of the syllabus in stipulated time. This also helps the conduct of revision classes and special training for slow learners. The institution adheres to the assessment schedule suggested by the Anna University. The Academic Planning and Monitoring Committee (APMC) ensures effective planning of the academic calendar and effective implementation in the curriculum.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://www.psvpec.in/naac20/criterion1.1.2.html?p=112#11%22

<p>1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University</p>	<p>A. All of the above</p>								
<table border="1"> <thead> <tr> <th data-bbox="92 689 531 757">File Description</th> <th data-bbox="539 689 1394 757">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="92 757 531 936">Details of participation of teachers in various bodies/activities provided as a response to the metric</td> <td data-bbox="539 757 1394 936" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="92 936 531 1003">Any additional information</td> <td data-bbox="539 936 1394 1003" style="text-align: center;">View File</td> </tr> </tbody> </table>	File Description	Documents	Details of participation of teachers in various bodies/activities provided as a response to the metric	View File	Any additional information	View File			
File Description	Documents								
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File								
Any additional information	View File								
<p>1.2 - Academic Flexibility</p>									
<p>1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented</p>									
<p>1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented</p>									
<p>8</p>									
<table border="1"> <thead> <tr> <th data-bbox="92 1339 531 1406">File Description</th> <th data-bbox="539 1339 1394 1406">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="92 1406 531 1473">Any additional information</td> <td data-bbox="539 1406 1394 1473" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="92 1473 531 1574">Minutes of relevant Academic Council/ BOS meetings</td> <td data-bbox="539 1473 1394 1574" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="92 1574 531 1686">Institutional data in prescribed format (Data Template)</td> <td data-bbox="539 1574 1394 1686" style="text-align: center;">View File</td> </tr> </tbody> </table>	File Description	Documents	Any additional information	View File	Minutes of relevant Academic Council/ BOS meetings	View File	Institutional data in prescribed format (Data Template)	View File	
File Description	Documents								
Any additional information	View File								
Minutes of relevant Academic Council/ BOS meetings	View File								
Institutional data in prescribed format (Data Template)	View File								
<p>1.2.2 - Number of Add on /Certificate programs offered during the year</p>									
<p>1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)</p>									
<p>14</p>									

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

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

818

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

1.3 - Curriculum Enrichment

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

The cross-cutting issues like Gender, Environmental sustainability, Human Values and Professional Ethics etc., find an ample space when it comes to applying them positively into the curriculum. We believe in maintaining healthy environment for all our students. The institution is adopting Anna University curriculum. The curriculum designed by the university itself does include various cross cutting issues in the curriculum. Few of the courses are listed below: COURSES INTEGRATING ENVIRONMENT AND SUSTAINABILITY IN CURRICULUM 1 GE8291 Environmental Science and Engineering 2 OAI551 Environment and Agriculture

3 GE8071 Disaster Management 4 EN8591 Municipal Solid Waste Management 5 OAI752 Integrated Water Resources Management 6 CS8078 Green Computing COURSES INTEGRATING HUMAN VALUES AND PROFESSIONAL ETHICS 7 GE8074 Human Rights 8 GE8076 Professional Ethics These courses are taken up by students as part of Curriculum, which has made our students to be more responsible towards Environment and disciplined with values and good practices. Gender Equity Initiatives The Institution strives to promote equality of opportunity and treatment for all men and

women working and studying at the College. The college aims to foster an environment in which women folks are treated equally and considered as a major asset for the Institution. Anti-Ragging Committee, Discipline & Welfare Committee and Grievance & Redressal Committee are proactive in handling gender-based issues Encouragement for co-curricular & extracurricular activities for women Equal representation to women in all student council Equal opportunities to both the genders in terms of admissions, employment, training programs, sports activities & co-curricular activities The Health and Hygiene club also initiates and organizes various events and awareness camps on the health and wealth of women folks in the college Women Empowerment Committee plays a major role in empowering women through organizing the following programs to motivate and cherish the role of Women Environment and sustainability initiatives Almost 90% of the streets, parking and pavements have been provided natural green cover to reduce the heat island effect. Rain water harvesting systems are installed and used to improve the groundwater. PSVPEC is sincerely considered about the dos and don'ts to the environment. We believe that eco-friendly campus is the best way to be conscious about the planet. The institution organises workshops on climate change and global warming, environmental sustainability, waste management, etc. We also educate the public (village people) about the importance of growing more trees, conservation of water, save electricity, etc. through our extension activities. The students are involved in organising these activities and educating the people. This helps the students also to know the importance of sustainable environment. ECO Club and Science Clubs are actively involved in creating awareness about Climate change and they also organise various activities to educate students on the preservation of natural resources. The various activities are as follows: Tree plantation Rain Water Harvesting In house vegetable cultivation / Herbal garden National Science Day, Earth Day celebrations and Independence Day celebrations Industrial visits to water treatment plants initiated by IQAC

Awareness programs initiated by NSS

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

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

119

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

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

668

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

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the

A. All of the above

institution from the following stakeholders Students Teachers Employers Alumni	
File Description	Documents
URL for stakeholder feedback report	https://www.psvpec.in/naac20/criterion1.4.1.html
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File
1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
File Description	Documents
Upload any additional information	View File
URL for feedback report	https://www.psvpec.in/naac20/criterion1.4.1.html
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment Number Number of students admitted during the year	
2.1.1.1 - Number of students admitted during the year	
170	
File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File
2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)	
2.1.2.1 - Number of actual students admitted from the reserved categories during the year	

114	
File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

The institution assesses the learning levels of the students and take necessary strategical actions for the improvement of the slow learners and the enhancement of the advanced learners. Our Students Admission: The students admitted in our college are coming from various economic sections and communities of the society. The college is very much aware about each students' overall growth and social upliftment in the society. The students are admitted in our institution without considering caste, creed, and gender, and religion, social and economic status. Girl students' enrolment is always high in our institution and we play a major role to equip them with the higher education so that they can become empowered through education and other activities to face the global challenges. Minds open to receive students: With so many potentials and highly varied knowledge levels, students join our institution during the first year. We don't prejudge the levels of the students, instead, we consider their knowledge levels through their marks scored in twelfth examination during the first year and in the second year, the marks scored in internal assessments help us to assess levels, based on which we upgrade or re-grade the levels of students. At various intervals through various performance indicators the students are assessed and immediate action is proposed and implemented for their better progress. The new academic environment and the teaching methodology build pressure in the minds of even the most confidence of students, who then have to struggle on many fronts, to adjust to the campus culture, the class rooms and for those away from their homes. Our induction programme strives to handle the new emotions of students in the new environment. Induction Programme for students: Freshers Day is celebrated to receive the students after admission. The day is celebrated by inviting academicians or industry experts / celebrities to motivate and encourage students for new part of

their life. The first day is celebrated through motivational sessions, cultural programmes, interaction with students, etc. followed by a three-day orientation programme. The Gap Bridging Course: After the three days orientation programme, a one-week bridge course is designed and implemented for the students. The Bridge Course is aimed to act as a buffer for the new entrants, with an objective to provide adequate time for transition to hardcore engineering courses. Students will be groomed for foundation subjects of Mathematics, Elements of Engineering, Physics/Chemistry, English, Information and Communication Technology (ICT), Life Skills, etc. During this interaction with the faculty and their classmates, the students will be equipped with the knowledge and confidence needed to move on with rising ambitions towards the future. Assessing Learning ability of students: Within the classroom, faculty must deal with different types of students; some are very intelligent who learn very fast and some are quite weak who learn very slowly. Therefore, it is required to determine the abilities of students in the class. Based on the ability determined, some students need only guidance and some students need hard work and regular attention.

File Description	Documents
Paste link for additional information	https://www.psvpec.in/naac20/criterion2.2.1.html?p=221#22
Upload any additional information	View File

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

Number of Students	Number of Teachers
804	106

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

College consider students as their important stakeholder. The entire academic process of planning, delivery of curriculum and

assessment is designed to be student centric. Various efforts are made to make learning more students centric by focusing on specific learning outcomes for all courses and making it more participatory and interactive. The student centric teaching is promoted by ensuring classroom environment to be learner-friendly. The Teaching - learning activities are made effective through illustration and special lectures. To acquire first-hand knowledge on the subjects and current practices students are engaged in field study. Lessons are taught through black board / chalk and talk methods, Power point presentations, video lectures, demo classes, etc. to make learning interesting besides oral presenting methods. Lecture method: This conventional method is commonly adopted by all the teachers, especially language teachers. This method facilitates the teacher to interpret, explain and revise the content of a text only for better understanding of the subject by the learners. Interactive method: The faculty members make learning interactive with students by motivating student participation in group discussion, role-play, subject quiz, news analysis, educational games, discussion and questions and answers on current affairs. ICT Enabled Teaching: ICT enabled teaching includes Wi-Fi enabled class rooms with LCD, Language Lab, Smart Class rooms, E-learning resources. Virtual class room links the guest lecture of eminent persons to develop their core knowledge in the subject. The institution adopts modern pedagogy in line with emerging trends to enhance teaching-learning process. The institution has the essential equipments to support the faculty members and students. Online reference, lecture talks, motivational talks, educational videos and web reference support the teaching-learning process.

Case Study Analysis and Discussion: The case method is a participatory, discussion based way of learning where students gain skills in critical thinking, communication, and group dynamics. Group Learning Method: Group Learning allows the slow learners to develop problem solving, interpersonal, presentational and communication skills to confirm quality in learning with Peer Group. Project - based learning: Students are encouraged to take up innovative ideas and work on projects for short term. Best projects are encouraged to be taken up as main projects to work on. This learning method enables the students to gain adequate knowledge on project management skills and team work. Experiential learning: The faculty members foster learning environment by engaging in rich experiential content of teaching through experience, teaching through demonstration, visual aids, Periodical industrial

visits / field visits, organizing exhibitions, presenting papers, analyzing case studies and participating and conducting quiz on theory topics. Collaborative learning: Lectures through lab visit, Guest lectures, seminars, workshops, online seminars, etc. are also organized regularly for students to gain more industrial knowledge and practical experience. Problem solving methodologies: Students are encouraged to give breakdown ideas to support selflearning ability among students. Institution regularly conducts internal Hackathon, Idea competitions for students. Students are encouraged to bring solutions to real time problems via case studies, assignments, group discussions, team play, field and industrial projects, Hackathons, etc.

File Description	Documents
Upload any additional information	View File
Link for additional information	Nil

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

The Institution has taken effective steps to enhance the potential of ICT enabled teaching & learning. Training programmes were organized for faculty to maximize the use of ICT. The classes have been equipped with ICT facility. Faculty members were encouraged to take up MOOC and other courses on the SWAYAM and NPTEL platform. Workshops on teaching with Simulations, technology, etc., were given to faculty members. The faculty members were asked to include more of simulations, case analysis, presentations and videos in their lesson plan. The teachers also got trained in taking full-fledged ICT classes for the students. All the lecture halls are enabled with ICT facilities and videos of important study materials have been developed by the faculty members and links are provided in the website for the students to access and learn online. ICT-enabled tools for effective teaching and learning process The Institute follows ICT enabled teaching in addition to the traditional classroom education. Subsequent efforts are taken by the institute to provide e-learning atmosphere in the classroom: In addition to chalk and talk method of teaching, the faculty members are using the IT enabled learning tools such as PPT, Video clippings, Audio system, online sources, to expose the students for advanced knowledge and practical

learning. Classrooms are fully furnished with LCD/OHP/Computers. Most of the faculty use interactive methods for teaching. The major emphasis is on classroom interaction in terms of research paper presentations, seminars, debates, group discussions, assignments, quiz/tests/viva and laboratory work. The institution has provided 36 ICT enabled classrooms, including 08 smart classrooms and 3 ICT enabled Seminar halls. The college has provided internet and Wi-Fi facility with 75 Mbps internet bandwidth. The classrooms are equipped with LCD projectors with WIFI facilities. Seminar halls & Smart classrooms are equipped with LCD projectors, computer facilities, projector screen, audio system, laptop connecting facility uninterrupted power supply (UPS). Online tests for placement training are conducted through TEZMOS software. The institution has digital library, which helps the students to access NPTEL lectures and study materials. Adequate number of books, Journals, e-journals and e-books are available in the library. Institute premises are Wi-Fi enabled. Specialized computer laboratory with an internet connection has been provided to promote independent learning. Wi-Fi facility for access of internet is provided on individual laptop and mobile devices. Well monitored security is provided to Wi-Fi users. Its access is controlled by the system administrator. Various devices/technology in ICT includes: Access of course materials through remote devices, Online digital repositories for lectures, course materials, and digital library, Online based academic management systems, Employing the flipped classroom concept, Making use of handheld computers, tablet computers, audio players, projector devices etc. All Faculty members are well trained in using ICT tools for the teaching learning process. Every semester IQAC organizes FDPs to educate faculty members on new tools and techniques for effective teaching through ICT.

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

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

2.3.3.1 - Number of mentors

106	
File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File
2.4 - Teacher Profile and Quality	
2.4.1 - Number of full time teachers against sanctioned posts during the year	
106	
File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File
2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)	
2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year	
28	
File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File
2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)	

2.4.3.1 - Total experience of full-time teachers

833

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

2.5 - Evaluation Process and Reforms

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

Transparent System: College provides information to all students for internal assessment of examination during orientation programme at very first semester. Students are briefed through faculty-wise opening addresses in orientation programmes by the Principal/Vice-Principal/Coordinator about internal assessment, question paper patterns and university examinations. Every faculty member prepares lesson plan and discusses with student in first lecture of subject. Schedule of internal exams, Academic Calendar is strictly followed by college. Dates for the internal Examinations are notified by the Exam cell of college at least one week in advance.

To ensure rigor and transparency in the internal assessment, the institution has a separate Internal Examination Cell comprising of a senior faculty and a team of teaching and non-teaching staff who takes care of the smooth conduct of internal assessment tests.

The institution strictly follows the evaluation procedure prescribed by Anna University. Evaluation weightage is 20% for continuous assessment tests and 80% for the end-semester examinations.

Robust mechanism:

- The academic calendar for each semester is prepared in-line with the University schedule of events which provides the information on scheduled timetable for internal assessments, model examinations. A tentative schedule of University practical examinations are given,

which helps the students to plan their course of action.

- The subject handling faculty prepares the question paper for the internal assessment with utmost care.
- The College Examination Cell holds the onus for all exam related activities and through coordinated efforts of all the stakeholders the entire evaluation system is smoothly managed.
- Student marks are intimated to the students immediately after the completion of assessment and the same is communicated to their parents.
- Retests and remedial classes are conducted for students.
- Exam cell is constituted with the senior professor, department representatives and is bestowed with a responsibility of conducting all the examination related activities such as:
 - Ensuring the timely receipt of question bank for the conduct of Internal Assessment tests and Model exam.
 - Hall arrangement for the conduct of exams.
 - Invigilation duty allotment to the faculty.
 - Question paper dispatch to the examination halls.
 - Dispatch of answer scripts to the faculty concerned.
- Exam cell team works for the scheduling of retests, informing the same to the students, arranging question papers for retest, conducting retests as per schedule and dispatch of answer sheets to the respective staff.
- Question paper setting is done by the subject handling staff and its scrutinized by committee members.
- The answer scripts are evaluated by the subject handling staff and sampled corrected papers been evaluated by evaluation committee members. Grievances in valuation are addressed effectively through the Grievance and Redressal Committee.
- The institution creates awareness to the students as well as parents on the procedures for revaluation through circulars, class teachers and mentors.

Internal marks:As an affiliated institution, we strictly adhere to the rules mandated by the university and the internal marks are based on the marks secured in the internal assessment tests and model examination (as per regulations) which is entered in the university web portal as per schedule.

File Description	Documents
Any additional information	View File
Link for additional information	https://psvpec.in/naac20/criterion2.5.1.html?p=251#25

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

The students are the main stakeholders in our institution, and it's our endeavour to make all efforts to ensure transparency in all the activities at different stages. The college maintains complete transparency in the evaluation and to provide platform for redressal of grievance of students regarding to university examination and internal evaluation respectively. To address all examination and evaluation related problems, the Institute has appointed Exam Cell Coordinator as per the Quality policy of the institution.

Grievance redressal at the department & institutional level

- The Grievance Redressal Committee in our institution handles the grievances of the students such as academic, non-academic, grievance related to assessment, grievance related to attendance, grievance regarding conducting of Examinations.
- There is a grievance/complaint box placed in the administration block for the students to drop their grievances in case if they are unwilling to appear in person to address their grievances.
- Examination related grievances are handled by the faculty to make it time bound & transparent. Answer scripts are distributed to the students as regard to total checking and for clarifications if any.
- Grievance related to the valuation of internal assessment paper is taken care of by the student mentor. The paper is revaluated by an experienced staff who had handled the subjects and has in depth knowledge of the subject. The issue is sorted at the earliest for the updating of internal marks.
- Student approaches his mentor/class in-charges for the clarifications related to internal marks. Student issue related to the above will be perceived by the mentor immediately. Student mentor cross checks the same issue

with the department. Issues will be identified and sorted.

- Examination related grievances also include: Proper arrangement of examination halls, seating arrangements, dispatch of question paper at the right time, conducting exams at the scheduled date and time.

Grievance redressal at the university level (Academics)

- The University provides the students with an option of obtaining photocopy of their answer sheets after the declaration of results.
- The student can review his/her answer sheets and apply for re-evaluation on the recommendation of the subject handling faculty.
- If a student is not satisfied with revaluation results, he/she can go for a challenge with the recommendation by the head of the department wherein his/her answer sheets will be evaluated once again.
- Challenge evaluation fee is reimbursed by the University to the students in case of improvement in the grades in comparison to the first evaluation.
- Other type of grievances like data missing in the question papers, question asked from outside the syllabus, question paper being tough etc. are communicated to the controller of examinations through the web portal on the same day of the conduct of exam by the faculty concerned through the HoDs concerned and the Principal for necessary action.

File Description	Documents
Any additional information	View File
Link for additional information	https://psvpec.in/naac20/criterion2.5.2.html?p=252#25

2.6 - Student Performance and Learning Outcomes

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

The Institute has a well-organized committee that develops COs, POs, and PSOs for all programmes, as well as a communication strategy for all stakeholders. The Institute has formulated well

defined Vision and Mission statements and in correlation with this, each department formulated its own vision and mission statements which have been approved by Academic council. The department formulates the Programme Educational Objectives (PEOs), Program Specific Outcomes (PSOs) for each programme and Course Outcomes (COs) for all the courses in the curriculum. The department collects the views from various stakeholders, summarizes and formulates POs/PSOs/COs by Programme Assessment Committee which are analysed and approved by Department Advisory Committee for effective implementation. The approved statements are published in the institute website and communicated to various stakeholders.

Formulation of PO's and PEO's:The Programme outcome is graded to the level of education and the specific skill sets that are to be attained. The committee establishes the PEOs by considering the:

- Mission and vision of the institute and department
- Data collected from stakeholders
- Details of the current status (Student admission quality, Teaching and Learning Process, Faculty and their research activities, other facilities) of the department.
- Data collected on prospect / potential of identified industries research organizations/higher educational institutions etc. Besides, skills-in-demand analysis is carried out periodically to identify the core areas consistent with industry need.

Process for CO - PO Mapping for each subject:

- The faculty teaching the subject is responsible for arriving / verifying the CO - PO mapping associated for that subject. This is based on understanding of the five COs of that subject and how they influence / impact any of the twelve POs. characterized in terms of a "High" / "Medium" / "Low" designation with scores of 1,2 and 3 respectively. The above mapping is shared/ discussed/ finalized discussions with the respective department Head and the DAC (Department Advisory committee).

Mechanism for publication and dissemination:The Process for publication and dissemination of the stated Vision, Mission of the Institute/department, and POs/PSOs/PEOs/COs of the programme are carried out by the following mechanisms:

Website: POs/PSOs and COs are published in the college website, department website.

Posted Location: Banner is exhibited in the main atrium of the concerned department and all prominent places like office room, principal room, meeting room, Auditorium etc. They are also prominently displayed on the Department notice boards, Laboratory notice boards, Cabin of all faculty members, HoD cabin, Department library and Classrooms.

Catalogues: Catalogues are disseminated to all the stakeholders of the programme through faculty meetings, PTA meetings, Alumni meets, Workshops, Conference, and FDP and through electronic media. Vision, Mission and quality policy of the institution is communicated through Fee receipts also. It is communicated to faculty and students during orientation programmes.

Curricular Books and Department Publications: .CO/PO/PSO's are also displayed in Attendance Assessment record and Mentor books. Vision, Mission and Quality policy are published in the Academic Calendar, Attendance and Assessment Record, Department Magazine.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.psvpec.in/aqar/2.6.1.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

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

- Each department uses OBE to understand the attainment of each course delivery from the list below.
- COs are more detailed claims regarding a specific course in the curriculum that must be attained at the end of each course.
- Program Educational Objectives (PEO) describes the career goals and professional success of the program.
- PSVPEC established Programme Outcomes (PO) to relate with the skills, knowledge, and attitude that the student acquires at the end of the program.

- PSVPEC ensures that the Programme Educational Objectives (PEOs) and Programme Outcomes (POs) including Course Outcomes (COs) are listed and communicated to all students by including them in mentor books, question papers and displaying them in various places like classrooms, department notice boards etc.
- POs and PSOs are to be aligned with PEOs and graduate attributes.
- PSOs are specific to each program. Both PO's and PSO's are related to Knowledge, Skill and Attitude of graduates as they progress through their graduation.
- The process of attainment of COs, POs and PEOs starts from writing appropriate COs for each course in the four-year engineering degree program. The course outcomes are written by the respective faculty member. Then, a correlation is established between COs and POs and COs and PEOs on the scale of 0 to 3, 0 being no contribution, 1 being marginal contribution, 2 being average contribution and 3 being strong contribution
- Direct method is a measurable student performance indicator based on Internal Assessment Examination, End semester Examination, Assignment, laboratory, etc.
- Indirect method is measurable student performance indicators based on student exit survey, alumni survey, employer survey, etc.

For example: To calculate the level of CO1 for Test 1, first the marks scored by 4 students are listed CO wise and their max mark is specified. Since 50 is the pass percentage threshold and rubrics are set for 50%, by calculating number of students above threshold (only 2 out of 4 which is 50%) the level is defined as 1(low) as specified in the rubric.

- For indirect method, the questions in the survey sheet should represent the PO's and needs to be a defined based on the Rubrics defined below.

RUBRICS (For threshold value =3)

60% of students above 3

1(low)

70% of students above 3

2 (medium)

80% of students above 3

3 (high)

- Indirect program attainment = Sum of levels of attainment of a PO/ 3

Calculating the final PO attainment

- Final PO attainment comprises of both Direct method and Indirect method hence the calculated value (PO attainment) are listed out corresponding to their CO. Summing up of them provides the PO attainment based on the weightage allocated.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.psvpec.in/aqar20-21.html

2.6.3 - Pass percentage of Students during the year

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

264

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://www.psvpec.in/aqar20-21.html

2.7 - Student Satisfaction Survey

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

<https://www.psvpec.in/aqar20-21.html>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

1710000

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

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

3.1.2.1 - Number of teachers recognized as research guides

2

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

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

7

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

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

Prince Shri Venkateshwara Padmavathy Engineering College has been in the forefront to create and imbibe new knowhow and impart the upcoming trends to our pupils. We have been diligent in not being purely syllabus oriented and opening the wide horizons of knowledge to our learners by crafting a craving for continuous advancement in their areas of interest irrespective of their opted discipline and also to conserve and preserve nature in all probable ways. The prime objective of PSVPEC's Innovation ecosystem is to inculcate creative mind set in students and faculty members that enables to solve the problems of industry as well as the society. PSVPEC also encourages the development of close linkages with industries that will help to develop improved products, processes and research work among students which indeed creates start up ecosystem in the college. We work as a catalyst to rejuvenate the technological education.

Innovation is key in driving social and economic development and bridging the gap between theory and practice. The institution has adopted a systematic approach for tackling innovation in a holistic manner that captures policy, governance, innovation engines and innovation enablers to shape our innovation ecosystem and bridge systemic and market gaps. Advancements in technology have transformed health, transportation, communication, energy, and manufacturing industries across the globe. These transformations, in turn, have changed the organisation of economies and societies, and fostered greater cooperation within the international community through various institutions and arrangements.

The institution has initiated many measures in promoting research activities and created an ecosystem for innovation through centres like incubation and other promotional cells/committees. The institute has a dedicated Research and Development team which aims at nurturing research culture in the College by promoting research activities. It encourages the faculty and also the students to undertake the research in newly emerging frontier areas of Engineering, Technology, Science and Humanities including multidisciplinary fields. The institution has a various committees and cells in addition to state of art technology laboratories, Incubation centre facilities to encourage and monitor research activities.

The College has created an appropriate ecosystem named asCREDfor Research and Innovation by recruiting & developing desirable human resource, taking initiative for creation and dissemination of knowledge and establishing state of the art infrastructure.

The Centre for Innovative Research, Incubation and Entrepreneurship Development (CRED)was launched during October 2018 with the vision of building an efficient and effective ecosystem for research and innovation in the campus. This framework was discussed and formulated with a panel of experts, management team and IQAC team. With a visionary of establishing a sound environment in research, innovation and incubation for the students and faculty members, the CRED spearheaded with multiple activities through Research and Innovations Promotion Committee (RIPC) and Incubation and Startup Promotion Committee (ISPC).

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

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

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

17

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

3.3 - Research Publications and Awards

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

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

2

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	No File Uploaded
Any additional information	No File Uploaded

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

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

19

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

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

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

230	
File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File
3.4 - Extension Activities	
3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year	
<p>PSVPEC inculcates social value and responsibilities to the faculty members and students by imparting extension activities in the neighbourhood for holistic development of the society. All students are engaged in the extension activity which comes under the services and curriculum. Students are also motivated to organise events and programmes for the people by themselves which make them understand the grass root problems in the society. The Students also are allowed to take up surveys in the villages to understand the problems faced by the people, so as to provide solutions through innovative research or through outreach activities. The college aims to develop students' Emotional Quotient through their interaction with various challenges and hurdles faced by the people in the nearby community and encourage stakeholders to develop their positive attitude towards life. The National Service Scheme unit, Rotaract Club, UBA team and The Youth Red Cross Society play a major role in these initiatives. In addition, outreach programs and invited lectures are also given to the community.</p> <p>Village adoption: Having an objective to serve the grass roots, the institution has adopted Ponmar, Mambakkam, Polacheri, Vengadamangalam and Gowrivakkam villages under UBA. Major activities are carried out for the benefits of the adopted village community. The NSS wing of the college conducts programmes to educate the villagers on hygiene & sanitation, literacy, employment opportunities available for the youth of the village, protected water supply system, ecology, importance of girls education, awareness on Malaria, Dengue, AIDS etc.</p> <p>Blood donation camps: Every year blood donation camps are organized in association with Lions Club, Velachery, Chennai. A Blood donor club is also associated with the NSS unit and a</p>	

database of donors is maintained to donate blood at the time of need and emergency. Donation Camp is carried out twice every year and is one of the most important social activities carried out by the NSS unit of PSVPEC. Blood Donation Camp was organized by the NSS Unit of PSVPEC through the Lions Club of Madras on 27th July, 2013 as a part of the NSS Camp.

Health awareness camps: Corona, Malaria, Dengue awareness camps are organized through the PSVPEC NSS, YRC, Rotaract and UBA for the nearby villages and also to the villages adopted by the Institution. First the students take orientation about the disease, its causes, symptoms, prevention and cure from Epidemic control centre, Tagore Medical College and then the camps are organized in the villages.

Planting of tree saplings: PSVPEC NSS, YRC, Rotaract and UBA initiated planting of hundreds of trees in nearby villages in collaboration with Ainthinai. Education program on waste management to school children are also organized.

Clean campaign: The NSS, YRC unit of PSVPEC is regularly involved in clean campaigns in villages and temples in the nearby areas. A health awareness rally was organised on 23.9.2017 through PSVPEC NSS unit and Chengelpattu Municipality. Cleaning activities were carried out in Chengelpattu Railway station under "Swachhata Hi Sewa".

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

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

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

1

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

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

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

30

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

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

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

1694

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

3.5 - Collaboration	
3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year	
3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year	
114	
File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File
3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year	
3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year	
46	
File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File
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.	
By adhering to the rules and regulations of regulatory bodies such as AICTE, Anna University, and others, the Institute has established policies and procedures to create infrastructure	

that meets the required standards and norms, which includes human resources, laboratory equipment, built-up space, and learning resources. The institute intends to develop and improve long-term infrastructural facilities to support the teaching and learning process. The Institution is committed to providing students with specialized facilities and resources that promote hands-on learning. The Institution is committed to providing students with specialized facilities and resources that promote hands-on learning. The Institution's unique classroom settings and resources enable students to experience authentic teaching and learning environments. Apart from using blackboard for teaching, faculty members are using the resources such as NPTEL, Webinar, e-books, Lecture with animation & demonstration, Virtual lab and e-journals to keep the students more actively involved in the classroom session.

The various infrastructure facilities provided by the management are as follows:

- The Institution's 25.2 acres (1,01,981 sq.m) campus contains various buildings that offer students modern laboratory, library facilities, workshops, smart classrooms, computer laboratories and hostel facilities. The total built up area is about 26, 109 sq.m.
- The campus has well planned infrastructure comprising of 36 ICT enabled class rooms including 8 smart classrooms and 6 tutorial classrooms.
- The institution has three seminar halls with AC facilities, adequate Public Addressing System, LCD Projection Systems, recording facility and Lecture Capturing facilities and different departments employ these halls for guest lectures, seminars, and other departmental activities.
- The institution has an auditorium with a seating capacity of 300 and equipped with LCD projector, screen, audio system with multimedia capability. Workshops, seminars, and other cocurricular and extracurricular events in the institution are held in the auditorium.
- The Institution has 609 Computer systems maintaining a student computer ratio of 1.6:1. The institution has 40 projectors and 15 WIFI points and Internet facility with a bandwidth of 75 Mbps to facilitate computing and internet browsing and surveillance. The institution is facilitated with specialized computing CNC Machine.
- The institution is completely enabled with Wi-Fi facility and the institution has upgraded its internet speed to 75

Mbps.

- The institution has an active Training and Placement Cell comprising of Placement officer room, 2 group discussion rooms, 8 HR panel rooms and a waiting hall.
- There are 30 Laboratories in the institution and the laboratories are equipped with adequate number of laboratory equipments and machines. Students are permitted to complete mini and major projects in the laboratories.
- The available physical infrastructure is utilized beyond regular college hours, to conduct certificate courses, co-curricular activities/extra-curricular activities, campus recruitment training classes, campus recruitments, meetings, seminars, conferences etc
- The sports facilities like play grounds, indoor auditorium, gymnasium to motivate the team spirit and leadership qualities among students.
- There are 8 clubs and committee rooms for planning and discussing various programmes related to the clubs and committees. A research centre is available in the institution to undergo various research projects.

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

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

The institute with its regular academic activities keeps more emphasis on co-curricular and extracurricular activities. A sports ground of total 4000 sq.m area is available for outdoor games, The sports room is available for playing indoor games, yoga and meditation, A gymnasium hall (separate for girls and boys) is available which remains open for the students at all the time. The institute also has all the required sports material in good condition and in good number. Regular sports activities are organized by the campus including inter college, Zonal level and district levels.

Sports (indoor, outdoor)

- The institution provides adequate facilities for ensuring

physical education activities to keep the students physically fit and healthy.

- The institution encourages students to participate in a variety of sports and games, from inter-college to national level, with the help of a certified sports director, in order to develop team spirit and leadership characteristics.
- Every student is encouraged to take active part in at least one outdoor activity. The Institution has set up facilities/grounds for Cricket, Football, Basketball, Kabaddi, Volleyball, Kho-kho, Table-Tennis, Throwball, Handball, Chess, Carom, etc., and league matches are encouraged. We also plan inter-college sports tournaments to develop a spirit of healthy competition.
- The institution has a separate block for Sports complex for indoor games like Table Tennis, Carrom and Chess.

Gymnasium and Yoga centre

- Gymnasium centre of the college has Treadmill, Cycling, Rod, Multi Gym 4 station, Multi bench 1320 Avon, Leg press Hack Squat, Gym ball, Bumbles, Bench Press With Squat Stand, Abs/Bench Inclined/Declined/Flat, Plates and Push Up stand. In order to ensure a sound body and mind, students are given special attention on health and fitness.
- Yoga centre was established for Students and Staffs. The hostel students make use of the Yoga centre regularly.

Cultural activities

- The institution provides outdoor open stage as well as auditorium to conduct various co-curricular activities of clubs and committees namely Cultural and event committee, Shakespeare Club, Science Club, Ramanujam Club, Eco club, EDC, Women empowerment cell in order to bring out their hidden talents and encourage them to participate in the inter department level and inter college level competitions.
- The college organizes events related through NSS, Health club, Rotaract club and YRC. Functions like Cultural Fest, Independence Day, Republic Day, Sports day, Teacher's Day, Women's Day, Annual Day etc., are celebrated.

Co-curricular & Extracurricular Activities

Every year institute organizes various cultural activities during fresher's welcome, annual social gathering and farewell events to explore and nourish the hidden talents of students. Institute has a well-furnished auditorium having 500 students seating capacity to carry out various cultural / extracurricular activities like Induction Day, dance, rangoli and competition, annual social gathering, farewell, programs on yoga and meditation etc. The facilities for sports, games and cultural activities are efficiently utilized by students for various events like Symposiums, Annual day, sports week, etc. The usage for the same is monitored.

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

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

39

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

415.31

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

4.2 - Library as a Learning Resource

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

The college has central library building. Library has a huge collection of Text books, Reference books and others books with foreign, peer-reviewed journals and bound volumes of journals. The reading room is well furnished to accommodate 200 students at a time and provides conducive environment for study. A visitor record is maintained for students and faculty members, New Arrivals of books and journals are displayed on rack.

- The library is using ILMS called AutoLib - Library software version 6. AutoLib software has functionalities that enable a library to manage its housekeeping operations viz., acquisition of books and other materials, creation and maintenance of its catalogue database, circulation of its holdings, etc.
- It contains enhanced, simplified search facility which can locate books and identify users effectively through OPAC. The database of library books is available on OPAC for bibliographical search.
- The college has central library and department libraries. The reading room is well furnished with a convenient spacious reading area with 200 seating capacity. The reading area is around 5550 Sq.ft. and provides conducive and calm learning environment.
- All the library documents are bar-coded and books are issued to users by reading the barcode of the document.
- Separate sections like Book Section, Reference Section, Periodical Section, Project Report Section and Digital library sections are available.
- E-gate entry and exit is maintained for students and staff. New arrivals of books and journals are displayed on separate stands and racks.
- Digital Library is equipped with 30 PCs with Multimedia

facility. Digital library allows accessing thousands of journals and reference materials with the institutional Membership at DELNET AND INFLIBNET.

- DELNET: <http://164.100.247.30/>
- Number of Titles and Volumes

Total Number of titles: 9615

Total number of volumes: 31518

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

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

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

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

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

17.58

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

246

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

4.3 - IT Infrastructure

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

The plans for infrastructural development are given top priority as the College realizes the correlation between adequate infrastructure and effective teaching - learning. The strategies adopted for ensuring adequate infrastructure are as follows:

- At the beginning of the academic year need - assessment for replacement / up gradation / addition of the existing infrastructure is carried out based on the suggestions from Academic Council members, Heads of the departments, lab technicians and system administrator after reviewing course requirements, computer - student ratio, budget constraints, working condition of the existing equipment and also students' grievances.
- Optimal deployment of infrastructure is ensured through conducting workshops/awareness programs/training programs for faculty on the use of new technology.
- Effective utilization of infrastructure is ensured through appointment of adequate and well qualified lab

technicians/system administrator.

- Renewal is done at the beginning of the academic year for the deployed Software applications, UPS and Generators. The institute has always been reviewing the current needs and accordingly the internet bandwidth is upgraded from time to time.

IT Facilities in the Institution

Institution has the IT facilities namely Computers, Wi-Fi Hot Spots, Smart Class Rooms, Projectors, Internet, Computer and e-Governance Software as per AICTE Norms.

(a) Computers: Periodically, the institution refreshes and upgrades the computer equipment in accordance with the needs and intake of students. Prior to 2018-19, a total of 579 computers were purchased (HP compact with intel core duo processor and Acer with Intel Pentium processor computers). In 2019-20, 30 number of computers were purchased (Intel dual core G5420 at 3.8GHz). There are totally 609 computers available in various laboratories. All the computers are interconnected using switches and optical fibres.

(b) Wi-Fi hot spot: The institution has wired and 10 Wi-Fi hotspot at prominent locations - wireless connectivity for use of students and faculty members across the campus. Initially Wi-Fi connectivity was extended to Main block and PG Block. In 2019, entire campus including Mech block, Civil Block, R & D block well connected with high speed WiFi facilities.

(c) Smart class room: Smart class room facilities installed in the department in the year 2017-18 for better teaching-learning process. Presently 8 number of smart class rooms are available. In 2019-20 smart class rooms are updated with lecturer capturing system facilities and recording facilities.

(d) Projectors: Prior to 2019-20, 27 numbers of projectors were available in the campus. In 2019-2020, 5 numbers of projectors are updated and in 2020-2021, 8 more projectors are purchased.

(e) Internet: The institution is completely enabled with Wi-Fi facility and the institution has upgraded its internet speed to 75 Mbps.

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

4.3.2 - Number of Computers

609

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

553.43

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

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.

The classrooms, seminar halls and laboratories, department office staff rooms, admin office are cleaned and maintained regularly by sweepers on daily basis assigned for each floor. Dustbins are placed in every floor. The green cover of the campus is well maintained by full time gardeners.

1. In PSVPEC, a maintenance wing which is under the control of administration is taking care of the complete campus maintenance which includes buildings, classrooms, water supply, gardens, housekeeping, roads of all the areas.
2. General maintenance includes maintenance of civil, plumbing and electrical works. This works lies on administrative officer.
3. In case of any failure or requirement of repair / service, concerned in-charges will execute a work requisition through HOD to carry out the maintenance activities.
4. The complaints are normally received by campus maintenance committee through administrative officer. Based on the complaints received and nature of complaints administrative officer initiates the process of maintenance work with the help of concerned workers exclusively recruited for the purpose of maintenance.
5. If the issue requires additional spare parts or external vendors, they are called by the Administrative Officer to solve the particular maintenance problem.
6. Water tanks, water coolers and RO plant are subjected to periodical cleaning and maintenance to provide a quality service to the campus.
7. A good housekeeping practice is adhered by the institution including the class rooms, bathrooms, doors, stairways, corridors, walkways at all times.
8. During class committee meetings student's feedbacks are taken on infrastructure facilities and suitable actions are taken wherever necessary.
9. All class rooms, laboratories, office rooms, corridors, storage areas and amenities will be kept clean and maintained in a clean and hygienic manner.
10. Solid and Liquid waste are recycled and reused periodically.
11. All spills must be cleaned up immediately and cleaning material disposed of correctly

12. Parking facility is well organized. It is efficiently maintained by annually renewed contract employees.
13. The campus maintenance is monitored through CCTV Cameras.
14. Every department maintains a stock register for the available equipment.
15. Proper inspection is done and verification of stock takes place at the end of every year.
16. The civil and electrical work is adequately monitored and maintained by the Head (Administration).
17. Periodic reporting on requirements of repairs and maintenance are submitted by the HODs to the Administrative office. The requirements are collectively processed in every semester break so as to keep things ready for the new semester.
18. Pest control of library books and records is done every year by the maintenance department.
19. Head (Administration) and his team are involved in the maintenance of infrastructure facilities. This team looks after the regular maintenance of civil works such as furniture repairs, masonry and plaster works, painting, carpentry, plumbing and house-keeping.
20. The administrative staff looks after the maintenance of rest rooms and neatness of the entire premises. Housekeeping services are regularly executed and monitored

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

494

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

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

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

593

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

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

A. All of the above

File Description	Documents
Link to Institutional website	https://www.psvpec.in/naac10/skill.php
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
804	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
804	
File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File
5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	A. All of the above
File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File
5.2 - Student Progression	
5.2.1 - Number of placement of outgoing students during the year	
5.2.1.1 - Number of outgoing students placed during the year	

199	
File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File
5.2.2 - Number of students progressing to higher education during the year	
5.2.2.1 - Number of outgoing student progression to higher education	
40	
File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
Details of student progression to higher education	No File Uploaded
5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)	
5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year	
2	
File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

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

8

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

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

The institution promotes students council for facilitating students representation and engagements in various academic & administrative, extra-curricular and co-curricular activities. The objectives of the Students Council and the committees are:

- To inculcate the qualities of leadership, organization, commitment & responsibility in the students.
- To make the students participate in the development of the institute as well as in the process develop their personality, organizational skills and career through interactive programs with the faculty, administration and society.
- To provide a common platform to students for co-curricular and extra-curricular activities. It is responsible for all the major technical, cultural, literary and sports activities organized in the college premises.

Activities under the council will be well supported by a team of faculty members. Each committee comprises of Convener, students' members and staff members. The committees are formed based on the academic and administrative activities initiated and organized in the college. The formation of the committees has enhanced the smooth functioning of the academic activities and other co-curricular events.

The various committees functioning in the institution are:

Type of activity

Name of the Club/Committee

Administrative Activities

Student Council

Department Advisory Committee

Internal Quality Assurance Cell (IQAC)

Library Advisory Committee

Anti-ragging committee

Discipline and welfare committee

Grievances and Redressal committee

Hostel committee

Transport Committee

CO-Curricular Activities

Class committee

Research committee

Institution Innovation Council (IIC)

Training and Placement committee

Entrepreneurship and Development Committee

Newsletter Committee

Shakespeare English Club

Science Club

Ramanujan Maths Club

Professional Societies - CSI and ISTE

Extra-Curricular Activities

Sports advisory committee

Cultural and events Committee

National Service Scheme (NSS)

Rotaract Club

Youth Red Cross (YRC)

Women Empowerment Cell

Tamil Mandram

ECO Club

Role of the Students council:

- To formally represent every student in the College.
- To identify and help resolving the issues faced by students in the College.
- To officially inform students thought to the college administration on any subject concerning to the students
- To promote and encourage the students in organizing co-curricular, extra-curricular and other extension activities.

Class committee:

Every class has a class committee which consists of the students and faculty members. Class committee meetings are organized periodically and at times of need. It serves as the voice of the students in front of faculty and has a say in academic matters such as conduct of tests and so on.

Library Advisory Committee:

This committee strengthen the efforts of the librarian in planning library activities and policies. It takes the feedback from the departments and plan for improvement and enrichment of the library and act as a liaison between the library and the readers.

Alumni Association:

Alumni Association is administered by an Alumni committee. The alumni association is very active in promoting interactions and camaraderie among the alumni, staff and the management. Besides helping the alumni in all possible ways, it also lends its support to the college to achieve its cherished goals, its vision and mission.

Anti-ragging committee:

Anti-Ragging Committee is the Supervisory and Advisory Committee that helps in preserving a Culture of Ragging Free Environment in the college Campus.

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

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)**5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year**

42

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

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

PSVPECAA Prince Shri Venkateshwara Padmavathy Engineering College Alumni Association was inaugurated in 2005 and is registered with Sl.no:604/2017, under the Tamil Nadu Societies Registration Act, 1975. PSVPECAA consists of President, Vice-president, Secretary, Joint-Secretary and Executive Committee members as office bearers.

Objectives of PSVPECAA:

1. To provide a forum for the Alumni of PSVPEC. For exchange of experience, dissemination of knowledge and talents amongst its members and to new students.
2. To conduct seminars, conferences, workshops, endowment lectures and other academic activities and also to keep in touch with one another of the College faculty, non-teaching staff and students.
3. To advise and interact with State and Central Government Bodies, Universities and Associations of other academic institutions on matters relating to promotion of higher education, training and management systems and thereby promote the welfare and status of the college.
4. To render financial aid to deserving poor students studying at the college.
5. To render financial aid to deserving alumni in cases of extreme compassionate circumstances.
6. To bring out magazines, souvenirs and newsletters highlighting the activities of the college and its Alumni
7. To organize cultural and educational programme and also

- to conduct Alumni Day celebrations every year.
- 8. To help the Alumni to get advice from the college on various technical problems and job opportunities that they may come across in their work and real life.
- 9. To keep alive love, spirit, affection and gratitude for our alma mater.
- 10. To conduct Alumni Day celebrations every year.
- 11. To carry out such other activities as may be necessary for furthering the above aims and objectives.

Non-financial Contribution:PSVPEC - Alumni Association acts as a platform to connect our alumni, who are now entrepreneurs, software engineers, managers, world class engineers, scientists and educationists. The alumni association helps in building a network of the alumni and helps current students in touch with the corporate world. The association helps in conducting interactive sessions to motivate current students about the employability and educational opportunities by arranging seminars, workshops, guest lectures, value added programs, etc. The association aims to bridge the institution and the alumni by organizing regular meets and encourages alumni to contribute to the growth of the institution. The alumni also assist the final year students of various streams of engineering to get their projects to be successfully implemented.

Financial Contribution:The alumni association supports the activities by extending financial support to the students as well as the Institution. Nearly 6 lakhs have been received so far as Alumni contribution. From the contribution of alumni, a significant amount of money was spent for offering scholarship fees to the economically poor students, purchase of books, conducting alumni seminar, workshop, lectures, etc.

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

5.4.2 - Alumni contribution during the year (INR in Lakhs)	A. ? 5Lakhs
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File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision of the institution

To be a prominent institution for technical education and research to meet the global challenges and demand for the societal needs.

Mission of the institution

- To develop the needed resources and infrastructure and to establish a conducive ambience for the teaching - learning process.
- To nurture in the students, professional and ethical values, and to instill in them a spirit of innovation and entrepreneurship.
- To encourage the students a desire for higher learning and research, to equip them to face the global challenges.
- To provide opportunities for students to get the needed additional skills to make them industry ready.
- To interact with industries and other organizations to facilitate transfer of knowledge and know- how.

The Institute's vision and mission statements represent the Institution's specific qualities and represent successful leadership enhanced through its effective governance. Governance is to put on record, the structure and practices that have resulted in efficient functioning to provide benefits and satisfaction to all stakeholders and hence lead to overall quality enhancement. The institute's governance makes sure; there is integrity at all levels of individuals, systems and organization in relation to external and internal activities of the college. Strong leadership and management skills in all of the places, where needed are maintained. Lean and competent administration of the governance delivers improvements in research quality and entrepreneurship eco-system. Robust and transparent financial systems, especially regarding procurement; and a strong internal and external audit system. The institution also allows students participation in management and governance at all levels.

Distinctive features of our Mission:The vision and mission of our college focus on Outcome Based Education (OBE). Aligned to that, our college moulds the younger generation to face the challenges in the society. Besides above, our students are moulded to be socially aware and become more responsible for contributing towards societal transformation and nation building along with social responsibility.

Nature of governance:Top management along with Principal and staff shoulder the responsibility in executing the activities that comply with the mission and vision of the institution.Faculty members and students also take leadership roles in various decision making bodies by acting as members in various committees like Governing Council, Internal Quality Assurance Cell, Programme Assessment Committee, Department Advisory Committee, Training and placement, Budget committee, Grievances and Redressal committee, Research and Development Cell, etc.

Perspective plan for development:Institution has perspective plan in tune with vision and mission of the Institution for the effective governance and leadership. Suggestion of the stakeholders and exemplary work of the decision making bodies result in a phenomenal growth and achievement of the perspective plan as detailed below

- NAAC Accreditation
- Enhancing Quality Teaching and Learning
- More funding for research activities.
- Promotion of research among staff and students
- Accreditation with reputed companies.
- Improving Entrepreneurship development activities
- Technology incubators and collaboration of industries.
- Centers of Excellence.
- Improving quality assurance and sustainability
- Eco friendly infrastructure.
- Enhancing Extension activities.

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

6.1.2 - The effective leadership is visible in various institutional practices such as

decentralization and participative management.

The Institution supports and motivates the culture of decentralization and participative management. Institution focuses on decentralization by intending equal opportunity to all faculty members to participate in the functioning of the Institution. Each committee has been provided with specific functions catering to the needs of institution for the ongoing progress and development of the Institution.

Management committee takes care of infrastructure facilities which fulfil the quality and the required needs of the education to reach the set goals or bench -marks of the Institution. It also extends all the amenities for the teaching, non-teaching faculty and students.

The faculty members are actively involved in administrative roles and duties by taking on positions such as Department Heads, Wardens, Faculty In-Charges, clubs and committee conveners, co-conveners, members, etc. They associate themselves with various committees namely Purchase committee, IQAC, Academic council, R&D cell, Class Committee, Entrepreneur Development Cell, NSS, Rotaract, and many more. The faculty members are actively engaged in driving a transition through the Mission of the Institution in order to identify and design the road map to attain the vision of the Institution.

Case study 1: Well Planned Academic activities through Academic Calendar

The institute operates under a decentralized governance system. The heads of the department have been given the authority to decide on activities and delegate responsibilities to the department staff members. This ensures a standardized, all-inclusive academic calendar at the institution level, which is aligned with Anna University's schedule. The Principal prepares an academic calendar at the start of each semester, bearing in mind the institutional excellence requirements. This is further discussed in the presence of the IQAC, Academic Council, and HoDs. The following are the essential parameters in the academic calendar and department calendar of an institution:

- Mentor-Mentee meeting, Class Committee meetings, Departments review meetings will be planned.
- Reopening dates, Assessment schedule, University examinations, Information about holidays, closing dates

etc.

- Fresher's meet, Induction program, Bridge course, Class committee meeting, PTA etc.
- Professional society chapters, Club and association activities, Industry and field visits, FDPs, seminars, guest lectures etc.
- Placement readiness programs, Industry connect events etc.
- Academic Audit, Stock verification etc.

Case study 2: Participative Management

The institution promotes the culture of participative management at the strategic level, functional level and operational level.

Strategic level-: The Principal, Governing Council, staff and the IQAC are involved in defining policies & procedures, framing guidelines and rules & regulations pertaining to admission, examination, code of conduct-discipline, grievance, support services, finance etc.

Functional level: Faculty members share knowledge among themselves, students and staff members while working for a committee. Principal and faculty members are involved in joint research and have published papers

Operational level: The Principal and faculty members interact with government and external agencies & faculty members maintain interactions with the concerned departments of affiliating university.

Students and office staff join hands with the Principal and faculty for the execution of different academic, administrative, extension related, co- and extracurricular activities.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Over the past 20 years the college has shown tremendous growth. For sustainable growth the strategies are formulated, communicated and implemented effectively. In view of the strategic plans, the institute has perspective plan of advancement. This arrangement is made according to necessities of the students and so as to oblige the requirements of the institute and the society. Building a Centre for innovations, research and entrepreneurship was one of the most important strategic plan which was achieved during October 2018.

Case study on CRED

Research & development Cell established during 2015 was able to promote research culture among the faculty and students by encouraging the publication of research papers in reputed journals. Strategically thinking there was a need to boost the research eco-system along with development of innovations, patents and entrepreneurship among the students and faculty members. This led to the formulation of Centre for Innovative Research, Incubation and Entrepreneurship Development (CRED) during October 2018. CRED spearheaded with multiple activities through Research and Innovations Promotion Committee (RIPC) and Incubation and Start-up Promotion Committee (ISPC). The committees under RIPC and ISPC are as under:

A. Research promotion through R&D Committee: A research lab with dedicated research team of faculty members is established to cater the research needs of faculty and students of the college and collaborating institutions.

B. Innovations promotion through Institution's Innovation Council: MHRD's Institution's Innovation Council was established in association with MHRD (Govt of India) to encourage, inspire and nurture young students to transform the new ideas into their prototypes.

C. IPR promotion through IPR Cell: The IPR Cell functioning under Incubation and Start up Promotion Committee (ISPC) was established to contribute knowledge about IPR and aid in filing of patent applications and filing other forms of IPR.

D. Start-up promotion through IBPC: Incubation & Business Promotions Cell (IBPC) nurtures successful indigenous technologies and growth-oriented entrepreneurs / enterprises

who can contribute to the economic growth of this region and the community.

E. Entrepreneurship promotion through ED Cell: The Entrepreneur Development Cell (ED Cell) of PSVPEC has been established to inspire students to create new and innovative business ventures compliant to global market and standards.

I. Research promotion through R&D Committee

1.

Ph.D. holders

More than 25%

2.

Expenditure for Research promotions and Development

Rs. 1,10,58,094.00

3.

Publications by faculty

709

4.

Books and Book Chapters by faculty

22

5.

Grants received through Research & Consultancy works done by the RDC

Rs. 94,02,500.00

6.

No. of MoUs

54

7.

No. of Conferences organised on research

6

II. Innovations promotion through Institution's Innovation Council

1.

IIC star performer for 2018-2019 and 2019-2020

Star performer

2.

Top 50 in Atal Ranking of Institutions on Innovation Achievements (ARIIA 2020)

Top 50

3.

Platinum rating in AICTE CII Survey of Industry linked Technical Institutes 2018-19 and 2019-20

Platinum

4.

No. of internal hackathons conducted

5

5.

Students participation in external hackathons and idea competitions

11

6.

No. of students participated in hackathons

30

7.

Prize amount won by students so far

3,00,000

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.psvpec.in/naac20/criterion6.2.1.html?p=621#62%22
Upload any additional information	View File

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

The institution has a strong organizational structure with leadership at all levels. A clear recruitment policy with service rules is in its place in the institution. New recruits undergo orientation programmes to orient them with the institution's organogram and the policies. The Institution ensures effective implementation of governance, administrative functions, policy guidelines, service rules for employment at all functional level also.

Organization chart provides the functional and relational hierarchy of the institution. Chairman heads the institution and looks after all the functions of the institution including academic, administrative and developmental activities. The Management along with the Governing Council and IQAC works towards making the institution to attain its goal of academic excellence and keeping in pace with the emerging trends and development of educational innovation. Decisions arrived by the Management Team, Governing Council and IQAC are issued through the Principal who acts as the main coordinator between all the three entities - the management, the staff members and the students.

Governing council: Governing council comprises of members of

Management, Industry experts, Academic experts and members of IQAC. Governing council is formed to manage the ordinary affairs of the college in respect to the curriculum, ratification and approval of the appointments, discipline, legal matters, new initiatives and carrying out of the educational policy of the Society.

Principal:Principal is responsible for the co-ordination of all the academic activities, co-curricular and extra-curricular activities in accordance with the norms and standards prescribed by AICTE, Anna University, organize appointments of faculty members according to the norms of the AICTE and ANNA University, monitors admission, regular class works, placement activities, etc.,

Internal Quality Assurance Cell (IQAC):IQAC forms an integral part in instituting long term quality standards in the institution. IQAC ensures continuous improvement in the entire gamut of academic and administrative operations of PSVPEC by generating good academic ideas, processes and practices and ensuring their implementation for the benefit all the stakeholders – students, parents, teachers, staff, funding agencies, and society in general.

Head of the department:Head of the Department is responsible for all the academic activities, co-curricular and extra-curricular activities of the concerned department. HoD meetings headed by the Principal is organized every month for the review of the academic activities of the month and to plan for the activities of the following month.

Other leadership levels:Committees for Training and placement, Research and development, Hostel and Examinations are headed by senior faculty. Sports and Library are headed by Physical Director and Librarian respectively.

Administration:The General and Finance administration is headed by Administrative officer and Accounts officer supported with a team of technical and support staff.

Service Rules, Procedures, Recruitment and Promotional Policies.

- Procedures, recruitment, promotional policies are framed as per the rules and regulations of AICTE and Anna University.

- Service rules and all promotional policies are approved by the Governing council.
- Service register for all faculty is maintained in the institution.
- Faculty members, technical and non-technical staff are appointed as per norms based on the institute HR policy.

File Description	Documents
Paste link for additional information	https://www.psvpec.in/naac20/criterion6.2.2.html?p=622#62
Link to Organogram of the institution webpage	https://www.psvpec.in/naac20/pdf/6.2.2/Institutions%20 Vision Mission Organogram.pdf
Upload any additional information	View File

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

The institute has well placed effective welfare measures for teaching and non-teaching staff. Welfare measures include various facilities, services and amenities provided for improving their academic and career growth, health, efficiency, economic betterment, and social status. Staff members are provided fee concessions for their wards in Prince

Institutions. The staff members are encouraged and given OD to pursue higher education, to attend FDP in their field of interest, industry visits and trainings to attend and present research papers in conferences, to publish research papers in indexed journals, to organize seminar, guest lecture, FDP for faculty members. The faculty members are also given OD to participate/act as a resource person in the outside Institute

Orientation programs are conducted for the newly recruited faculty members once in a year to enhance their teaching ability. The faculty members are encouraged to attend the seminars conferences as well as refresher courses organized by university and AICTE. The Institute provides the following welfare scheme towards motivating and retaining the employees such as EPF, vacation for teaching and non-teaching staff members, casual leave, medical leave, and free transportation for teaching and non-teaching staff members. Some other benefits include

General Amenities

- Free Transport facilities to and from their home to college.
- Subsidized canteen facility
- Medical facility

Incentives / Awards

- Reward the staff for 100 % result achievement.
- Gifts are provided on Teacher's day to all the faculties.
- Motivates the staff to participate in events and rewards them with gifts.

Advancement /Life Long Learning:

- Incentives for authoring books and publications in referred journals and conferences.
- The institute supports the teaching staff to enhance professional development by permitting study leave to faculty for carrying out research projects.
- Research facilities are available for faculties pursuing their Ph.D.
- Sabbatical leave (OD) for attending examination, FDP, National & International Conferences.
- 50% expenses will be sponsored for the faculty members presenting paper in international conference.

- Registration fee reimbursement for FDP/ Conferences.
- For Patent filing full fees will be paid by the Institution.
- Financial support to attend conferences/workshops.
- Faculty members are encouraged to associate with State, National and International professional bodies.

List of major Welfare facilities given to the Faculty and their family members:

- Employment Provident Fund contribution to staff members right.
- Every year Daily Sheet Calendar is given to all faculty members.
- Compensatory OFF to faculty members.
- Maternity leave for 3 months with salary for the lady Teaching & Nonteaching Staff members.
- Fee concession for the children of teaching staff members in Prince Institutions.
- Providing crèche facilities for the wards of the staffs.

List of measure taken for Faculty Work-Life Balance:

- On emergency, transport facility arranged on any medical need, hospital facility is arranged.
- Monthly one Casual Leave and two one hour permission is allowed to be availed.
- 14 days of vacation in summer and 7 days of vacation in winter is given to staff members.
- Yoga facilities, Gym facilities are available. Staff members' sports (indoor game, outdoor games) are conducted.
- Motivation talks from the experts are conducted once in a semester.

File Description	Documents
Paste link for additional information	https://psvpec.in/naac20/criterion6.3.1.html?p=631#63
Upload any additional information	View File

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

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

100

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

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

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

18

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

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

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

year	
106	
File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File
6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff	
<p>All learners believe in their power to embrace learning, to excel, and to own their future. PSVPEC's Teacher Performance Appraisal provides a systematic structure to build and ensure a culture of professional learners committed in meeting the educational needs of all students.</p> <p>The Institution believes in empowered human resource for quality assurance. The Management believes in investment in people and thus continuously helps the institution in conducting FDP and training programs to keep the teachers updated and the non-teaching staff relevant to the context.</p> <p>The Appraisal system is initiated with the self-appraisal and the review of the same by the HOD and the Principal. The self-appraisal is created with a view to evaluate a teacher with regard to various competencies like teaching, research, participation in Curricular and Co-Curricular and extra-curricular activities. Based on filled in pro forma faculty are also suggested for the scope of improvement. Non-teaching staff are also assessed based on their work achievements, qualification enhancement and adoptability towards the technological changes.</p> <p>PSVPEC's Teacher Performance Appraisal system is grounded on three core beliefs about teaching and learning:</p>	

1. Teachers have a profound impact on student achievement.
2. Professional growth is essential in developing and maintaining content knowledge, pedagogical knowledge and skills, and the knowledge and skills needed to integrate technology into teaching and learning.
3. Professional relationship and enhanced commitment to continuous improvement and professional growth.

The Teacher Performance Appraisal is built upon self-assessment with six key concepts:

- Teaching and learning process (250 Marks).
- Academic Research (150 marks).
- Sponsored Research (150 Marks).
- Industry Interface (150 Marks).
- Student related activities (100 Marks).
- College /Departmental Activities (200 marks).

Teaching and Learning Processes: Within the performance appraisal process, standards provide scope for teachers and to make informed decisions about teaching performance and may assist in identifying future areas for growth and development. Establish baseline status data across all elements in the framework. To provide evidence regarding their skills in planning and aligning their lessons to University standards and curriculum.

Academic Research: The teacher should adapt and create new strategies for unique student needs and situations. Teacher organizes students into groups with the expressed idea of deepening their knowledge of informational content. The teacher should develop within by updating their knowledge by continuously involving in research and by guiding students to improve their innovative ideas as research.

Sponsored Research and Industry Interface: The teacher maintains strong industrial links by undertaking consultancy assignments. This includes job of varied nature like troubleshooting, product and process development and design checks. In addition to these activities, the faculty members also run short-term company specific training programmes.

Student Related Activities: Participation of the teacher in co-ordination and participation in Innovation clubs, Association activities, Department magazine, training, internship, mentoring, etc. are evaluated here.

College/ Department Development Activities: Contribution of teacher in development of department activities are evaluated here like professional activities, library work, participating in FDP, Alumni, Newsletter, Canteen etc.

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

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

Internal audit is performed by in- house team of six auditors on a termly basis and the reports are presented before the conduct of the external audit which is carried out at the end of the closure of all accounts in all respects. Since the institution follows a good system of internal control like calling quotations, comparison of rates, preparation of purchase order for each and every requirement needed, preparation of wage sheets, all the employee benefits are vouched like conducting and participating in seminars, conferences, faculty development programs. External audit is carried out by statutory auditors at the end of the financial year.

All appropriate steps are taken during internal audit to regularize the accounts and obtain confirmations for credit balances, to collect documentary evidences where necessary in respect of transfers, T.D.S. and regulatory formalities, and reconciliation of unit wise balances with control accounts and bank reconciliations. Vouchers or bills which do not have the

seal of the company are objected at times and queries raised by the internal auditor are rectified as and when it is represented. Management is responsible for the implementation of agreed audit recommendations and internal audit undertakes periodic follow-up reviews to ensure such recommendations have been implemented.

Subsequently, external statutory audit is conducted periodically by the qualified chartered accountant and the final audit report with audit findings are submitted to the management. The consolidation of the findings of the Institutions have been completed and the annual returns have been submitted to relevant authorities concerned. The financial statements of the Institute provide a realistic statement through the audit report that the books of accounts reflect a true and fair view of the operational activities and the financial position of the Institute for the relevant financial year. The objections listed at the audits are settled with systematic follow up actions.

Activities carried out in External audit:

- Checking of all the expenses / vouchers Bills accounted in a respective months.
- Book closing. Trail balance, Finance reports Preparations submitted to Auditors.
- Audit carry out by External auditors.
- Audit Observations carried from accounts team.
- Book closing.
- Books with Financial report Submitted to Auditors
- Every Quarterly and Half yearly Auditors will come and securitize the vouchers
- Clarification / Rectification from Accounts team.
- Final Book closing - Trail Balance - Financial Reports preparation.
- Discussion with Management
- Financials Approved by Trustees
- Submitted to Income tax department.
- Financial year book closing.

The institute also ensures that information provided in the financial statements are of high quality and are acceptable by the Trustees, Chartered Accountants and the Government bodies.

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

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

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

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	No File Uploaded

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

Mobilization of funds: The major sources of Institution fundings are

1. Student fee
2. Research grants
3. Trust funds
4. Alumni contribution

Strategies for optimal utilization of resources

The major source of income for the college is through fee collection. In addition to the tuition and other fees paid by the students, if required, the institution secures additional funding through term loans from commercial banks. The expenditure mainly consists of salary payments, laboratory infrastructure & building infrastructure and maintenance. The institution also applies for funding for taking up major research projects, workshops, seminars and conferences from funding agencies and this amount is exclusively used for

intended purpose. The Prince Educational Society takes care of capital expenditure on infrastructure and functional expenditures. Proper utilization of financial resources is planned at the beginning of every academic year. Finance department is responsible for mobilization of funds. The finance department is also responsible for optimal deployment of funds on the payment towards salary, tax, suppliers, contractors, service providers etc. Every department submits the budget proposals based on the requirements planned for the academic year.

- The department heads recommend the purchasing of laboratory requirement, computers, software, consumables and other products etc. Further funds required for R&D and maintenance are also submitted by the respective HODs.
- Training and placement cell proposes the expenditure required for the conduct of campus recruitment training programmes and other placement related activities.
- Based on the information provided by the HODs, the Library In-Charge submits a request for books and journals. He also submits the requirement for the subscription of e resources like Delnet etc.
- The system administrator submits financial estimates for the upkeep of the computers, peripherals, and internet subscriptions.
- The Exam cell coordinator submits the financial estimates for procurement of stationary for conducting the internal examinations, printing and other repro graphic requirements for the smooth conduct of the examination.
- The accounts department forecasts sales for the coming fiscal year. Estimates for increases in the salary portion of the expenditure as well as legislative payments to AICTE, the government, and the university are also included. Additionally, figures for student welfare, employee welfare, and routine expenditures such as energy bills, water bills, and municipal taxes are given.

This is consolidated at the college level and submitted to the management for the approval. Based on the budget sanctioned, funds are released on priority basis. Every financial transaction is recorded and updated. The Audited accounts of the institution for previous financial years are enclosed

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

6.5 - Internal Quality Assurance System

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

The IQAC is constituted to monitor the internal quality aspects pertaining to academic, curricular and co-curricular activities for the welfare of the students within the existing academic and administrative systems.

The College established the IQAC in the year 2015. Since its inception, it has contributed extensively to uphold the quality of the institution. Initiatives including the promotion of research culture, recognition of faculty achievements, feedback analysis, organizing faculty development programmes and grievance redressal mechanism were introduced. The primary focus of the IQAC is to empower faculty and students. Much planning and thinking are put to develop innovative ideas to aid in the personal and academic growth of the students. To establish and monitor various initiatives IQAC has formulated various committees. These committees foster under the IQAC and reforms are done to ensure quality in all aspects.

Quality Initiative 1: Establishment of Academic Planning & Monitoring Committee (APMC)

The previously called Planning and Monitoring Board was reframed by IQAC during 2018 and was named as Academic Planning & Monitoring Committee (APMC) spearheading with core team members involved in smart planning and effective monitoring of the academic activities to ensure effective curriculum transaction and systematic assessment.

The objectives of this committee is to make a planning of academic/co-curricular/extra-curricular activities for the forthcoming semester/academic year. As well, this committee will review the activities of the previous semester/year and make recommendations to the Principal/Management for further improvement.

The committee will also overview the Research and Development activities of the college in each year and make suggestions for further improvements in this aspect.

Quality Initiative 2: Establishment of Research & Innovations Promotion Committee (RIPC)

The Research and Development Cell was redefined and established as Research & Innovations Promotion Committee (RIPC) in 2018.

Objectives of RIPC

- To develop research skills among the faculty members and students.
- To promote and to encourage the aspiring students and faculty members to carry out research in the field of science, engineering and technology by providing necessary facilities and infrastructures required for them.
- To create zeal among the students towards research and innovation.
- To work closely with the industrial needs that eventually will result in new or improved products, processes, systems or services that can increase the company's productivity.
- Promoting Innovative business activity creating added value in the global economy.
- To enhance skill development training & self-employment opportunities.
- To serve government by taking up sponsored projects.
- To conduct research work and survey for identifying entrepreneurial opportunities for our students and to organize talent show, in-house exhibition, business stall, etc.

Outcomes

- Increased research publications by students and faculty members
- Establishment of active Institution's Innovation Council (IIC)
- Increased students achievements in various innovation ideas and projects competitions
- Participation of students' innovative projects in national level competitions
- Top 50 in Atal Ranking of Institutions on Innovation

Achievements (ARIIA 2020)

- AICTE CII Survey of Industry linked Technical Institutes 2020 - Platinum Rating
- Increased workshops, seminars, faculty development programs and training programs on Intellectual Property Rights, writing research proposal, research methodology, etc.,

File Description	Documents
Paste link for additional information	https://psvpec.in/naac20/criterion6.5.1.html?p=651#65
Upload any additional information	View File

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

Yes, the institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms.

I. Stakeholder review meetings for teaching learning

IQAC being the central body within the college monitors and review the teaching-learning process regularly. Based on feedback various innovative activities and reforms were introduced. This process is administered through various forms and meetings. The Feedback is collected from students through Mentor-Mentee meetings and Class Committee meetings.

Structure, Methodologies and Frequency of Meeting

To ensure the effectiveness in the governance, proper structure for review meetings, methodology for conduction of the meetings and the frequency for conducting the meetings are framed by the IQAC and the Academic Council members.

Evaluation of teachers by students: The institution has a feedback system to evaluate the teachers by students.

Student learning outcomes: The institute monitors the performance of the students regularly. It has specified procedure to collect and analyze data on student learning

outcomes.

Students' result analysis: Institute has the provision of analysis of students' performance after the announcement of their semester results. Analysis is done each subject wise and necessary reforms are taken for the improvement of the results in the future.

The various other roles taken up by IQAC for quality in the teaching learning process are:

- Formulation of COs, POs/PSOs for implementation of Outcome Based Education, assessment (formative and summative) and attainment for COs, POs/PSOs are carried out.
- Establishment of Centre for Teaching and Learning to facilitate teaching-learning related activities using modern pedagogy techniques and innovative practices.
- Strengthening of ICT facility by providing smart boards for each department, LCD projector and audio system for all class rooms towards strengthening teaching learning practices.

II. Innovative Teaching Pedagogy

The IQAC has taken effective steps to enhance the potential of ICT enabled teaching & learning. Training programmes were organized for faculty to maximize the use of ICT. The classes have been equipped with ICT facility. Faculty members were encouraged to take up MOOC and other courses on the SWAYAM and NPTEL platform. Workshops on teaching with Simulations, technology, etc., were given to faculty members. The faculty members were asked to include more of simulations, case analysis, presentations and videos in their lesson plan. The teachers also got trained in taking full-fledged ICT classes for the students.

ICT-enabled tools for effective teaching and learning process

The Institute follows ICT enabled teaching in addition to the traditional classroom education. Subsequent efforts are taken by the institute to provide e-learning atmosphere in the classroom:

- In addition to chalk and talk method of teaching, the faculty members are using the IT enabled learning tools

such as PPT, Video clippings, Audio system, online sources, to expose the students for advanced knowledge and practical learning.

- Classrooms are fully furnished with LCD/OHP/Computers
- Most of the faculty use interactive methods for teaching. The major emphasis is on classroom interaction in terms of research paper presentations, seminars, debates, group discussions, assignments, quiz/tests/viva and laboratory work.

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

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://www.psvpec.in/aqar20-21.html
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Prince Shri Venkateshwara Padmavathy Engineering College strives to promote equal opportunity and treatment for all men and women working and studying at the College. The college aims to foster an environment in which women folks are treated equally and considered as a major asset for the Institution.

Safety and Security: PSVPEC works to enhance the level of security on campus to provide a safe and a secure environment for students, faculty, staff and visitors. The following facilities are provided for safe environment for the women folks.

- 24x7 hrs security available in the campus and women security are also available in the ladies' hostels to ensure safety of women
- Full college campus and hostels are under the surveillance of CCTV Camera
- Women Floor supervisors' availability in all the floors of each block
- Lab instructors will be available at all laboratories
- Hostel warden is available for 24 hours at the girls' hostel to take care of the students
- One faculty is appointed as bus in-charge for each bus and they ensure the safe and secure travel of the girls' students in the bus.

Counselling: The college accords high priority to the counselling process. The students are linked to the faculty advisor in the first year itself. The faculty advisor takes care of the students and identifies his strength and weakness and monitors his / her activities in the college. Counselling is used to provide timely help to girls' students having emotional, behavioural, academic, social or other adjustment concerns. Although the teacher-student bonds at PSVPEC are very strong, mentoring is often not enough and professional quality mental health interventions are often necessary to help certain problems of the students.

Common room:The college has two common rooms - one for the girls and the other for the boys. The following facilities are made available in the girls common room.

- Availability of newspapers and journals
- Study space with table and chair
- A female attender is attached to the common room to cater

to the small needs of the students. Two Faculty members remain in charge of the common rooms

Day Care:Day care facility is provided for the teaching and non-teaching faculties of Prince Shri Venkateshwara Padmavathy Engineering College.

Other gender sensitivity initiatives:

- Equal opportunities for career growth and self-development are provided for the faculty members irrespective of their gender.
- Womens' grievance redressal committee is constituted to address the issues faced by girl students and women faculty
- Women's Day is celebrated with great enthusiasm with girl students and lady staff members every year.
- Several motivational programmes and personality development programmes are arranged to educate the students on social / gender issues.
- The institution comprises of nearly 82 percentage of female staffs. The Secretary of the institution is also more approachable and friendly in understanding and solving womenfolk grievances.
- Gender awareness/sensitization based activities are planned by Women Empowerment cell & gender based disciplinary activities are monitored 24x7.

File Description	Documents
Annual gender sensitization action plan	https://psvpec.in/naac20/pdf/7.1.1/Gender%20Sensitization%20Action%20Plan.pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://psvpec.in/naac20/pdf/7.1.1/facilities%20provided%20for%20gender%20equity%20&%20Activity%20Report.pdf

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

A. 4 or All of the above

equipment	
File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

As PSVPEC has been making very distinctive contributions in the field of environment and sustainability, it shall pay considerable attention to minimize the production of waste on the campus. This policy envisages to guarantying the moral, social and legal responsibilities of the College in creating an environment-friendly and sustainable world devoid of waste and exploitation of nature. The Institution has formulated and established the Waste Management Policy for efficient management of the waste that is generated in the institution.

Waste Management Policy objectives

1. Create consciousness among faculty and students about the ways in which waste is generated and the means by which they can reduce waste generation and manage the waste
2. Give appropriate training to segregate hazardous and non-hazardous waste and dispose them using appropriate method without creating further environmental pollution.
3. Follow the five "R" principle of reduce, reuse, recycle, refuse and regenerate.
4. To reduce waste generation at source and facilitate repair, reuse and recycling over the disposal of wastes in a cost-effective manner.
5. To provide obviously defined roles and responsibilities to identify and co-ordinate each activity of waste management.
6. Educate and create awareness to the community about proper waste management -extension activities.

E-waste management

1. Electronic goods should be put to optimum use; the minor repairs should be set right by the staff and the Laboratory assistants; and the major repairs, by the

professional technicians, to be reused.

2. Bins should be set up in college campus to collect e-waste. This helps to create awareness on e-waste among students.
3. Collected E-waste should be analyzed, reviewed and then safely disposed.
4. E-waste is collected and given to authorized agency for dismantling and recycling as per TNPCB norms.

Solid waste management

1. Proper solid-waste collection center should be made available in the campus.
2. Biodegradable and non-biodegradable waste should be segregated and biodegradable waste should be used for compost.
3. Construct vermi-compost pits to utilize the garden wastes and other bio-degradable wastes to produce manure which is used in gardening.
4. Waste from the workshop and the chemistry lab should be disposed with due precautions.
5. Plastic wastes are completely banned in the campus. No plastic policy is also formulated.

Liquid waste management

1. Waste water from canteen, kitchen, bathroom, cloth wash, vessel wash in hostels are should be treated and reused. The STP plays a major role in treating the waste water and the treated water is used for gardening purposes.
2. Reuse of Waste Water to maximum possible extent is done.
3. The RO waste water during filtration is collected and used for gardening.

Hazardous chemical waste management

Use of hazardous liquid chemicals generating hazardous fumes shall be avoided using fume hoods installed in the laboratories. Hazardous waste generated shall be hand over periodically to the Municipality for safer waste disposal.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

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

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

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

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

<p>7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities</p>	<p>A. Any 4 or all of the above</p>
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

<p>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</p>	<p>A. Any 4 or all of the above</p>
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File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

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

The Institution has a very active NSS Unit, Rotaract Club and YRC team. These units take up the initiative to organize various events towards providing an inclusive environment by bringing students and teachers with diverse background on single platform and make them participate in all the activities to bring in the cultural diversity. The Clubs and Committees in the Institution provides an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. Different sports and cultural activities organized inside the college promote harmony towards each other. Commemorative days like Women's day, Yoga day, Cancer day, AIIDS along with many regional festivals like Pongal, Diwali, Muharram, Mahavir Jayanthi, etc are celebrated in the college.

There are different redressal committee in the college like Anti-ragging committee, Discipline Committee, Student grievance redressal cell, Women empowerment committee which deal with grievances without considering anyone's racial or cultural background. Institute has code of ethics for students and a separate code of ethics for teachers and other employees which has to be followed by each one of them irrespective of their cultural, regional, linguistic, communal socioeconomic and other diversities.

Glimpses of the events: Every year the College celebrates National Festivals i.e. Independence Day on 15th August and Republic Day on 26th January with pomp and gaiety by hoisting the national tri colour flag in the Campus. After unfurling the flag, students sing the National Anthem and other patriotic songs. On these occasions, the Head of the Institution also delivers Independence/Republic day messages. Special days like Teacher's day, Worker's day, Farmer's day, Student's day, Women's day, etc are celebrated with the involvement of students and faculty members.

A series of Blood donation camps, awareness camp for social cause, educative sessions are organized for the students as well as for the people living nearby the college. These activities are carried out through our NSS team regularly. The NSS team consists of 100 students, which is actively involved in taking efforts towards unity, harmony, safety, cleanliness,

awareness, and addressing social issues in the society.

The Cultural Committee in the college celebrates all festivals like Pongal, Christmas, Onam, Ugadi, Bakrid, Ramzan, etc. Students are also educated to believe and respect all the religions and religious beliefs.

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

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

At PSVPEC, we believe in giving holistic exposure and education to the students. The Institution strongly believes that everything is established in values and truth. This means that the Institution, students, workers and the nation at large can develop through nothing else but only the values, rights and truthfulness. We believe in grooming the students with educating their duties and responsibilities towards the society and the Nation as well. Therefore sensitizing students on our constitutional rights, values, duties and responsibilities is one of the primary educations given at the institute through various means, like events, activities, guest lectures, workshop, competitions, etc. These are organised through various clubs and committees in the Institution. The NSS unit takes up most of the responsibilities towards this initiative.

Sensitization of students and employees of the Institution to the constitutional obligations is done through curriculum as well as through extra-curricular activities. Subjects like Human rights and Professional ethics are available in the syllabus and students learn those subjects in an enthusiastic manner and practice them in their lives. Value added courses are also taken up on these topics and students are educated on the ethics, values and beliefs.

The NSS team works on organising events on issues related to discrimination, drug abuse, child labour, equality, corruption,

road safety, health and food security rights, etc. Various activities like rally, awareness camps in villages, drawing competitions, poster making competitions, etc., are organised involving volunteers. Students also take up initiatives in learning from these and also practising in their day to day activities.

The Women Empowerment Committee focuses on gender issues and women rights. The committee ensures equal rights for women and organises various educative session for women faculty members. The committee involves in bringing unity among the students and ensures a better living culture in the campus. The committee also educates male students on protecting and cherishing womanhood. Educating men on Women rights is said to be more important, which is preached in our campus.

The Entrepreneurship Development Cell and The Consumer Club initiates' events on Consumer rights, legal services and advisory, child rights, etc., Students are educated on consumer rights and available legal services for a common man. This makes our students well trained on right to safety, right to be informed, right to choose, right to be heard, right to seek redressal and right to consumer education.

Being a nation loving Institution, each citizen in our campus respect the National Flag and National Anthem, obey the laws of our country, protect the power, unity and integrity of the country, safeguard public property, pay our taxes with honesty promptly, protect and preserve cultural heritage sites, protect, preserve and improve the natural environment, guard the country and maintain the spirit of a common brotherhood, respect, value and follow all the noble ideals used in the national struggle for freedom, etc. We ourselves abide by these commitments which lead to the progress, peace, and prosperity of the country.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://psvpec.in/naac20/pdf/7.1.9/7.1.9-Report%20on%20the%20Activities%20to%20Inculcate%20Values.pdf
Any other relevant information	https://psvpec.in/naac20/pdf/7.1.9/7.1.9-PSVPEC-Sensi-Constitutional-Obligations.pdf

<p>7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff</p> <p>4. Annual awareness programmes on Code of Conduct are organized</p>	<p>A. All of the above</p>								
<table border="1"> <thead> <tr> <th data-bbox="92 689 534 757">File Description</th> <th data-bbox="539 689 1394 757">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="92 757 534 862">Code of ethics policy document</td> <td data-bbox="539 757 1394 862" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="92 862 534 1153">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</td> <td data-bbox="539 862 1394 1153" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="92 1153 534 1220">Any other relevant information</td> <td data-bbox="539 1153 1394 1220" style="text-align: center;">View File</td> </tr> </tbody> </table>	File Description	Documents	Code of ethics policy document	View File	Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File	Any other relevant information	View File	
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Code of ethics policy document	View File								
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File								
Any other relevant information	View File								
<p>7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals</p>									
<p>At PSVPEC commemorative and national ceremonies and events are organised every year. Everyone in the campus will be engaged to promote, mark and remember the values of sacrifice, dedication and loyalty, of the great citizens who sacrificed their lives in battles of heroism, dedication and national duty. The holiday will honour the heroes with nationwide remembrance to those who gave their souls for their homeland. The events will be hosted in the campus one day before or after the holiday of the commemorative day.</p> <p>All national festivals and important functions are celebrated with great enthusiasm to inculcate a sense of patriotism in the students. Important days like Republic day and Independence Day is celebrated by hoisting the national flag and showing great patriotism the country and the freedom fighters. The students also take pride in celebrating such events with great vigour and enthusiasm.</p>									

The Institution also commemorates the birth / death anniversaries of great Indian personalities like Dr.A.P.J Abdul Kalam, Dr. Babasaheb Ambedkar, Mahatma Gandhi, Kamarajar, Bhagat Singh, Balagangadhar Tilak, Rajiv Gandhi, etc. By observing such important events, we at PSVPEC educate and preach students about the principles of great peoples which make them understand the importance of serving the country. The students also share the teachings of these eminent personalities through many competitions and events.

Teachers' Day is celebrated annually on September 5 to mark the birthday of the country's former President, scholar, philosopher and Bharat Ratna awardee, Dr Sarvepalli Radhakrishnan. In our college Teachers' Day is celebrated to show the unique role that adults play in the lives of young minds and help shape the future of a country. Every year sweet boxes are gifted to the teachers as a sign of appreciation and celebration.

Various other days like Mothers' day, International Women's day, Father's Day, Student's day, Doctor's day, Army day, Children's day, Worker's day, etc are observed and celebrated to cherish the roles of each sector of people.

National Youth Day, also known as Vivekananda Jayanti, is celebrated on 12 January being the birthday of Swami Vivekananda. This day creates awareness and provides knowledge about the rights of people in India. It is a day to educate people to behave properly in the country. The main objective behind the celebration in our college is to make a better future of the country by motivating the youths and spreading the ideas of the Swami Vivekananda. Women's day is celebrated on International Women's day i.e. March 8 to show respect towards women in all the efforts taken by them to manage the personal and professional life and for their contributions. Awareness creation concepts like Environment day, Ocean day, Blood donor day, Yoga day, Population day, Patriot day, Kindness day, Unity day, Science day, Happiness day, etc are also observed and celebrated with various events and competitions.

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

7.2 - Best Practices

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

Best Practice I - Research, Innovations and Entrepreneurship development through CRED

1. Title: RIE through CRED- Research, Innovations and Entrepreneurship development through CRED (Centre for Innovative Research, Incubation and Entrepreneurship Development)

2. Objectives:

- Promotion of research and innovations among students and faculty members
- Creation of an aspirational entrepreneurship culture i.e., opportunity driven entrepreneurship as opposed to necessity driven
- Enhancement of the support ecosystem for entrepreneurs catering to local and national needs
- Rapid and inclusive growth of Small scale industries / Startup enterprises and innovation

3. Context:

The institution established the Research & Development Cell during the year 2015. With its initiation the team was able to promote research culture among the faculty and students, promoted consultancy works, encouraged publication of research papers in reputed journals. Though patent rights and entrepreneurship development was a major focus, much light was not thrown on those two initiatives. Strategically thinking there was a need to boost the research eco-system along with development of innovations, patents and entrepreneurship among

the students and faculty members. In such a context the management and IQAC team identified the potential of promoting ownership of concepts and ideas through patents, business promotions and entrepreneurship development. This led to the formulation of "The Centre for Innovative Research, Incubation and Entrepreneurship Development" during October 2018. With a visionary of establishing a sound environment in research, innovation and incubation for the students and faculty members, the CRED spearheaded with multiple activities through Research and Innovations Promotion Committee (RIPC) and Incubation and Startup Promotion Committee (ISPC).

4. The Practice: From Innovator to Entrepreneur

A. Research promotion through R&D Committee: The College has created basic and advanced research facilities in the campus with a dedicated research team of faculty members. A dedicated centre lab is established which caters to the research needs of faculty and students of the college and collaborating institutions. Special schemes/awards/policies/incentives to motivate faculty and students towards research and publication in reputed journals are implemented. Faculty members and students are encouraged to participate in conferences, research conclaves, workshops, etc. for interactions with experts in the field. The vibrant R&D culture fosters innovative spirit to kindle the young minds at the campus under able guidance and mentorship of motivated faculty members at all the departments.

B. Innovations promotion through Institution's Innovation Council: Prince Shri Venkateshwara Padmavathy Engineering College in association with Ministry of Human Resource Development (MHRD), Govt. of India has established 'MHRD's Institution's Innovation Council (IIC) during November 2018 to systematically foster the culture of Innovation. The main objective of IIC at PSVPEC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes. IIC is established to promote innovation in the Institution through multitudinous modes leading to an innovation promotion eco-system in the campus.

C. IPR promotion through IPR Cell: The IPR Cell of the college was constituted in November 2018. The cell was aimed to provide Intellectual Property Rights awareness for teachers and students. It also scrutinizes legal and monetary facets of the documentation of research papers. Many of the intellectual possessions are not sheltered due to the lack of understanding

of the importance of IPR. For this reason, IPR cell at PSVPEC was established to contribute knowledge about IPR and aid in filing of patent applications and filing other forms of IPR. IPR cell functions under the Incubation and Startup Promotion Committee (ISPC) of the college. IQAC in association with IPR cell organizes various programmes to propagate the importance of IPR among the students and faculty members of the college.

D. Startup promotion through IBPC:Incubation & Business Promotions Cell (IBPC) nurtures successful indigenous technologies and growth oriented entrepreneurs / enterprises who can contribute to the economic growth of this region and the community. IBPC is reputed for its huge network of successful domain experts, academicians and experienced professionals who can share their technical experience in harnessing the skill of product development. IBPC is also ready to serve both non- technology and technology businesses. This, in turn, may help with faculty and student recruitment, and retention of graduates in the community.

E. Entrepreneurship promotion through ED Cell:The Entrepreneur Development Cell (ED Cell) of PSVPEC has been established in the year 2015-16 to encourage graduating engineers to consider Self-employment as a career option. This cell promotes the Entrepreneurship through expert lectures, workshops, seminars, business plan, idea pitching competitions and outdoor activities. It also provides technical and marketing support from innovation to entrepreneurship.

5. Evidence of Success:

I.Research promotion through R&D Committee

1.

More than 25 % of the faculty members are Ph.D holders

Data in Bar chart

2.

Expenditure for Research promotions and Development

Rs. 1,10,58,094.00

3.

Total publications by faculty members

724

4.

Books and Book Chapters by faculty members

22

5.

Grants received through Research & Consultancy works done by the RDC

Rs. 94,02,500.00

6.

No. of MoUs signed

54

7.

No. of Conferences organised on research

6

5. Problems encountered and resources required:

- Under-utilization of research results by the industries needs to be examined at the level of production and utilization of IPR.
- All patents are not converted to businesses. Risk management has to be educated to the students and faculty for entrepreneurial initiations.
- Industry participation is required to work on live problems useful for society. This might lead to collaborative research solutions for the problems in the society.
- At present the Resources are adequate for the number of takers/participants. In case of increase in takers, the CRED has to be able to accommodate and support with more facilities.
- Activities carried out of the class hours are a

constraint. This results in lesser number of student participation in programmes. Only interested students actively participate in the events. Other students must be given a compulsory awareness and education on entrepreneurship as it might kindle their interest in future.

- Focus on alliance with technical institutions and Industry to introduce and incubate startups has to be increased.

Best Practice 2 -Responsibilities, Outreach and Impact creation through Extension activities.

1. Title:ROI through Extension -Responsibilities, Outreach and Impact creation through Extension activities.

2. Objectives:

- To educate students, faculty and local community people on self-development through educational resources.
- To enable the people to manage changes in the social and economic arena.
- To organise and conduct programmes that address people's needs and their priorities.
- To use a group approach to enhance cost-effectiveness, creativity and to encourage democratic processes through students and faculty members.
- To make students and faculty become educators by encouraging them to participate in development of the local community people through learning activities.
- To be flexible and innovative in program approaches and to create an impact among the local community on sustainability and development.

3. Context:

Our college inculcates social value and responsibilities to the faculty members and students by imparting extension activities in the neighbourhood for holistic development of the society. Every year the extension activities are planned for various villages in and around the college. All students are engaged in the extension activity which comes under the services and curriculum. Students are also motivated to organise events and programmes for the people by themselves which make them understand the grass root problems in the society. The Students also are allowed to take up surveys in the villages to

understand the problems faced by the people, so as to provide solutions through innovative research or through outreach activities. The college consistently promotes participation of students and faculty members in socio-friendly extension activities through various cells and activity centres. The college aims to develop students' Emotional Quotient through their interaction with various challenges and hurdles faced by the people in the nearby community and encourage stakeholders to develop their positive attitude towards life. The National Service Scheme unit, Rotaract Club and The Youth Red Cross Society play a major role in these initiatives. In addition, outreach programs and invited lectures are also given to the community.

4. The Practice: From Education to Service

A. National Service Scheme (NSS): The National Service Scheme (NSS) was launched in 1969, the birth centenary year of the Father of Nation, by the Government of India. It is a voluntary association of young people, especially college students to work for campus-community linkages. The aim is to develop student's personality through community service. The NSS unit of PSVPEC provides a platform to the students for community work and developing a sense of involvement in the tasks of nation building. NSS volunteers work to ensure that a needy get help to enhance their standard of living. A variety of activities are organized every year to channelize the energy and idealism of the younger generation into creative pursuits. They educate students and society regarding many issues like health, sanitation, pollution, agriculture, etc. Various health camps and cleanliness drives across campus and slum areas nearby are taken out regularly to create awareness and also to motivate people to work towards a clean environment.

B. Rotaract Club: Prince Shri Venkateshwara Padmavathy Engineering College in association with Rotary International has established the Rotaract Club with more than 70 members. A young and vibrant team is in place in the Rotaract club such that they are involved in different extension activities and community services. They organize and participate in different extension activities like AIDS awareness rally, Vigilance Awareness, Anti - Dowry programs, Tree - Plantation, Blood Donation, awareness camps on food and health, health camps in collaboration with hospitals, etc.

C. Youth Red Cross Society: PSVPEC's Youth Red Cross was

established to inculcate in the Youth of our college / country, awareness on the care of their own health and that of others the understanding and acceptance of civic responsibilities and acting accordingly with humanitarian concern, to fulfil the same to enable growth and development. It functions with the one and only aim of serving people in distress without any consideration of caste, religion, language and nationality.

D. Unnat Bharat Abhiyan (UBA): Unnat Bharat Abhiyan is inspired by the vision of transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an Inclusive India. Prince Shri Venkateshwara Padmavathy Engineering College is one among the various institutions of the nation to take part in the various activities covered under the UBA. The UBA team of our college under the leadership of Principal Dr. G Indira and the Coordinators Dr. X Mercilin Raajini and Mr. G Sathi has identified following villages in order to improvise the livelihood of the village: Gowrivakkam, Mambakkam, Polachery, Ponmar and Vengadamangalam in the Kancheepuram district of Tamilnadu. The UBA team of our college conducted many rallies to create awareness regarding the importance of water in the present & future scenario, eliminating the usage of plastics. The team has taken a detailed survey of the households in the villages to understand the livelihood practices of the villages.

E. Pradhan Mantri Kaushal Vikas Yojana (PMKVY): Pradhan Mantri Kaushal Vikas Yojana (PMKVY) is the flagship scheme of the Ministry of Skill Development & Entrepreneurship (MSDE) implemented by National Skill Development Corporation. Our institution has started PMKVY-TI scheme under AICTE from 2018-19. In 2018-19 session 50 students have enrolled and in 2019-20 session 75 students enrolled in different branches. Our institution provides good infrastructure (Lab and other facilities), best training by our experience trainer to the enrolled students. Assessment of both batches has been successfully completed by different sectors and certificates of qualified students have been also distributed.

5. Evidence of Success:

Impact: Through extension and outreach programs, we sensitize the students to develop social values, widespread their responsibilities and knowledge in societal issues and problems by making them to involve with the community people. Through

this, we establish a good relationship with NGO, tie-up with Multi National Company and join hands with local community organization and serve the community. Students with profound interest attain the social values and responsibility. Above all, the students get hold of social justice, value, responsibility and sustainability.

Achievements:

The National Service Scheme (NSS) of PSVPEC has been doing remarkable work during the last five years. The unit has been in the forefront of all the activities in the college and has offered many selfless services to the society. The NSS unit have been bestowed with best NSS unit award for the year 2018-19 by the Anna University, Chennai for the community service and enterprising attitude. Apart from the incessant regular activities in the campus, the units organise many community contact programmes in and outside the campus. The NSS plays a large role in making the students socially committed, self-confident and responsible citizens of the nation. It would be pertinent to note that the committed efforts by the enterprising programme officers of the NSS unit and the NSS volunteers took the NSS unit to exceptional achievements during the last five years.

Success through REACHING THE UNREACHED

Villages adopted

5

No. of Villages reached through extension

20

No. of trees planted in and around campus

800

No. of trees planted in villages

2000

No. of students participated and benefitted

690

No. of community people participated and benefitted

2400

No. of Students trained through PMKVY

125

No. of Veterinary camps organised in villages

3

No. of Blood camps organised

>15

No. of health camps organised in villages

8

No. of collaborations with other institutions and non-profit organisations for extension

10

No. of employment created and provided for people in the nearby villages

More than 45

Other services provided to the local community people

1. Constructed a temple for the Ponmar village people
2. Constructed a Community hall for the Ponmar village
3. Renovated irrigation tanks in the nearby villages
4. Linking farmers with agricultural officers and consultants
5. Relief activities during cyclone, floods and Covid-19

Total value of service provided through Extension activities

Year

Total Asset created (Rs.)

2020-2021

139050

2019-2020

236300

2018-2019

266600

2017-2018

174000

2016-2017

223000

Total (Rs.)

1038950

Total asset value created: Rs. 10, 38,950/-

5. Problems encountered and resources required:

- Students initially face a constraint in understanding the community in which they work. This is planned to be addressed by the orientation workshops organised by the outreach centres.
- It is also tough for the students to understand themselves in relation to their community, especially for those students who are from the urban places.
- Identifying the needs and problems of the community is done effectively but involving the community to solve their own problems is a great challenge, since people are not ready to accept the initiatives readily. Continuous interaction and involvement of the students through living with the community only helps the people change and cooperate with the service units.
- More focus is required in developing competence required for group living and sharing of responsibilities among the students.
- Students lack skills in mobilizing community participation.
- The institution should involve students in research and

innovations for agriculture development and sustainable initiatives for the farmers as the college is surrounded by agricultural lands.

File Description	Documents
Best practices in the Institutional website	https://psvpec.in/naac20/criterion7.2.1.html?p=721#72
Any other relevant information	https://psvpec.in/naac20/pdffile/7.2.1/BP-2/1.Best Practice2-ROI Through Extension.pdf

7.3 - Institutional Distinctiveness

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

PSVPEC's Priority:Sustainable Environment

Being a premier institution of higher learning, PSVPEC has initiated 'The Green Campus' program a decade back to promote various projects for the environment protection and sustainability. Long back the demand for sustainable environment was recognised and made the institution to invest for greener campus, greener buildings, greener practices and products, and ways of engaging staff and students for the sustainable future. Also focussing on our social responsibility the green initiative was planned to adopt by us, educate the stakeholders, practice in campus and preach the community.

In the words of climate activist Hindou Oumarou Ibrahim, "There is no vaccine against climate change."

The institution has keen concern on the protection of environment, development and sustainable development. The depletion of natural sources, industrialization, and urbanization, development of science and technology and also tremendous growth of population are major threat to human survival. Ecology is common heritage for all human being the need of society increase day by day and its effect on the natural sources and environment, natural sources are limited and irrecoverable.

The institution has adopted three important principles in

developing a sustainable environment.

1. Inter-Generational Equity
2. The Precautionary Principle
3. Polluter Pays Principle

Inter-Generational Equity:The principle talks about the right of every generation to get benefit from the natural resources. Principle 3 of the Rio declaration states that: The right to development must be fulfilled so as to equitably meet developmental and environmental needs of present and future generations. "The main object behind the principle is to ensure that the present generation should not abuse the non-renewable resources so as to deprive the future generation of its benefit". This principle is adopted by the college to instil in the present generation students the importance of protecting the environment.

The Precautionary Principle:This is the most important principle of 'Sustainable Development'. Principle 15 of th Rio declaration states that: "In order to protect the environment, the precautionary approach shall be widely applied by States according to their capabilities. Where there are threats of serious or irreversible damage, lack of full scientific certainty shall not be used as a reason for postponing cost-effective measures to prevent environmental degradation." This principle is adopted by us to take up precautionary steps from now on towards creating a sustainable environment.

Polluter Pays Principle: The Principle 16 of the Rio declaration states that National authorities should endeavour to promote the internalization of environmental costs and the use of economic instruments, taking into account the approach that the polluter should, in principle, bear the cost of pollution, with due regard to the public interest and without distorting international trade and investment. As an education institution, we take up the responsibility of polluting as well as paying for our activties. We concentrate equally on reducing pollution through various measures as well as paying for pollution through activties in research and extension.

To save the earth for future generation we have come up with a doctrine called 'Sustainable Environmnet', where we can try for a balance between development and ecology. Sustainable Development maintains a balance between development and the environment. It promotes inter-generational equity, i.e. better

quality of life for present and future generations. The benefit from development ought to be equated with the impact on the environment for such development. The basic concept of sustainable development aims to maintain a balance between economic advancement while protecting the environment in order to meet the needs of the present as well the future generations.

As an education institution we have more responsibilities towards the society within which we are based and operate. We understood what needs to be done for the future:

- Build a sustainable environment
- Create awareness and educate students and staffs on sustainable concepts
- Promote research and innovations for environmental problems
- Educate the community and preach the community about sustainable initiatives
- Adapt and prepare for what is to come

PSVPEC's Thrust: Giving back to the society

"By building people, we build society. By building leaders, we build the nation's technology and economy". These are the words of our founder Dr. K Vasudevan, who always believe in giving back to the society we dwell in, and with this spirit of sincerity, we believe in high standards of academic, professional, and societal performance.

We believe that college life is not all about academics, games, friends, and fun. It is also about learning to interact with other people, being aware of social, environmental and gender issues, and inequities in the society. We provide an opportunity to every student to contribute to make the society in which they live a better place and to grow as better individuals. This is achieved by the initiative "Our Common Future (OCF)" an inclusion of policy making, living with nature, collaborations for sustainability, research and innovations for sustainability, extension and outreach activities, etc., involving students, faculty, community and environment.

Students' today care about sustainability. UNESCO reports that 91 per cent of students "agree their place of study should actively incorporate and promote sustainable development". The

disconnect often lies in what students can do to promote sustainability in their college lives.

"Our Common Future" is everything from education, to research, to operations and outreach. Everything that all 3000 people on campus are doing, to try to make our campus more sustainable.

This model of engaging both students and faculty that are passionate about sustainability is the reason for our sustainable environment. "Students are our future, so students' involvement in sustainability is really critical on campus. Students have a lot of passion and great ideas, especially when it comes to sustainability. Sustainability is baked into our college campus. Its people coming together who have shared passion and a strong vision towards sustainable environment for the future. This vision makes us move towards giving back more to the society.

The Distinctiveness: OCF Methodology

- Sustainable Campus Policies
- Greener campus initiatives
- Collaborations for sustainability
- Pedagogical innovations and research for sustainability
- Sustainability outreach through socially responsible human beings

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. To get NBA accreditation for 3 departments
2. To get the autonomous status of our institution