



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>	PRINCE SHRI VENKATESHWARA PADMAVATHY ENGINEERING COLLEGE
Name of the head of the Institution	Sounderrajan
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04422420129
Mobile no.	9840100040
Registered Email	prince@psvpec.in
Alternate Email	vc@psvpec.in
Address	Medavakkam-Mambakkam Road, Ponmar
City/Town	Chennai
State/UT	Tamil Nadu
Pincode	600127

<b>2. Institutional Status</b>					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Rural			
Financial Status		private			
Name of the IQAC co-ordinator/Director		Kavitha Karthikeyan			
Phone no/Alternate Phone no.		04422420129			
Mobile no.		9787728432			
Registered Email		iqac@psvpec.in			
Alternate Email		prince@psvpec.in			
<b>3. Website Address</b>					
Web-link of the AQAR: (Previous Academic Year)		<a href="http://psvpec.in/AOAR17-18.pdf">http://psvpec.in/AOAR17-18.pdf</a>			
<b>4. Whether Academic Calendar prepared during the year</b>		Yes			
if yes, whether it is uploaded in the institutional website: Weblink :		<a href="http://psvpec.in/aqar/2018-19/Acad-Calendar2018-2019.pdf">http://psvpec.in/aqar/2018-19/Acad-Calendar2018-2019.pdf</a>			
<b>5. Accrediation Details</b>					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B++	2.77	2018	02-Nov-2018	01-Nov-2023
<b>6. Date of Establishment of IQAC</b>			04-Jun-2015		
<b>7. Internal Quality Assurance System</b>					
Quality initiatives by IQAC during the year for promoting quality culture					
Item /Title of the quality initiative by IQAC	Date & Duration		Number of participants/ beneficiaries		
An Educative Program on	28-Nov-2018 3		23		

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**8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Prince Shri Venkateshwara Padmavathy Engineering College	UBA	CENTRAL GOVERNMENT	2019 365	50000

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**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View File](#)

**10. Number of IQAC meetings held during the year :**

6

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

**11. Whether IQAC received funding from any of the funding agency to support its activities during the year?**

Yes

If yes, mention the amount

319250

Year

2019

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

Significant Contributions made by IQAC Awareness Program for faculty members 1 Faculty training program for CO, PO mapping and its attainment 2 Workshop on teaching learning process 3 Faculty Orientation Program on Issue handling 4 Awareness Program on Student Psychology 5 Training Program on Office Automation 6 Awareness Program on NBA 7 Awareness Program on Electrical safety for Lab Technicians 8 Seminar on role of IQAC for Quality Improvement 9 Seminar on Blooms Taxonomy

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**13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year**

Plan of Action	Achivements/Outcomes
Refer Attachment for more	Refer Attachment for more
To initiate the centre of excellence for CSE department	BOT lab was established for which the software is donated by Automation anywhere
Apply and renewal of Pragati Scholarship for female students	13 students got the pragati scholarship
To take part in various ranking process	Applied for ARIIA ranking and CII survey
Insist more ICT usage	More faculties have submitted their videos
Encourage the extension activities of NSS, YRC, Rotaract etc	Best NSS unit award for institution
To encourage the students to participate in various technical competitions	More students got selected till final round of SIH, For SAP semicolon hackathon - Winner award
Conduct activities based on gender issues	Sexual Harassment free campus
Implement institution innovation council for innovation activities	Established IIC which is approved by MHRD and Got 4 star rating for innovation activities
Apply for 2f and 12B status	Got the affiliation approval from UGC
<a href="#">View File</a>	

<b>14. Whether AQAR was placed before statutory body ?</b>	No
<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	Yes
Date of Visit	21-Sep-2018
<b>16. Whether institutional data submitted to AISHE:</b>	Yes
Year of Submission	2019
Date of Submission	21-Jan-2019
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief description and a list of modules	yes Management Information System (MIS)

currently operational (maximum 500 words)

Strategy Type Details Teaching Learning Process Each department has developed the PEOs, PSOs and POs on looking at the vision and mission of the Institution/ Department. Mapping of COs and POs/ PSOs has been practiced and attainment has been calculated. The outcome based education (OBE) has been meticulously practiced. A regular internal and external academic administrative audit (AAA) has been conducted in a regular frequency by the IQAC. The observation of the audit is discussed in the meeting and suitable remedial actions are initiated by the IQAC. Research Consultancy As per the recommendation of IQAC, more number of faculties is encouraged to pursue their Ph.D. Students are encouraged to work with innovative projects. They are also encouraged to participate in various technical competitions like Smart India Hackathon, Singapore Hackathon, Viswakarma Awards etc., which were conducted by AICTE etc. More applications had been submitted for getting funds for the projects. Faculty members are insisted to publish more papers in journals and conferences etc. Student Progression Students have been encouraged to participate and organize events like symposium. Students are insisted to participate in paper presentation, workshop, seminar, conferences, internship, inplant training which leads to improvement over a time. Students and Society More extension activities have been organized by various clubs (NSS, YRC, Rotaract etc.,) and committees to create the bond between the students and society. Some of the extension activities are lake cleaning, pan card camp, voter awareness rally, tree plantation, selfempowerment program and medical awareness program for nearby villages and rural people, orphanage visit, blood donation camp, eye screening camp, awareness program on yoga, say no to plastics, government schemes for selfemployment, solar power and biogas, hands on training for making paper bags etc. Infrastructure development Based on the perspective plan, following improvements have been done at the infrastructural level. Centre of excellence is established in the computer science department. The

bandwidth of WiFi has been improved Faculty development Faculty members are encouraged by sponsoring to participate in conferences, FDP, online courses (NPTEL), seminars, workshops and memberships in ISTE etc., for updating their knowledge which leads to professional, leadership and organizational development. IQAC in coordination with departments has organized many FDPs for teaching and nonteaching faculties. Selfappraisal and Feedback system Selfappraisal system evaluates the performance of the teaching and nonteaching faculties and suitable suggestions are given for professional developments by HOD. Feedback system is implemented at various levels such as students' feedback, employers' feedback, parents' feedback, faculty feedback, alumni feedback. Based on the suggestions, the remedial actions are initiated.

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The curriculum and syllabi prescribed by the Anna university are strictly adhered and implemented effectively. The College has strategized ways and means to strengthen the teaching-learning process and to implement the curriculum statement based on student's needs. For effective implementation of the curriculum, PSVPEC systematically designs and develops effective action plans. An academic calendar is prepared before the beginning of the semester based on the schedule given by Anna University. Based on the academic calendar, an action plan for the semester is prepared and communicated to the faculty and students through HODs. Action plan for implementation of the curriculum Allocation of subjects to the faculty based on their specialization by the HOD Preparation of college Academic Calendar including starting and ending of semester, working days, holidays, Internal Assessment Schedule, End semester theory and practical exam, various departmental activities Appointment of class in-charges and student counsellors for effective monitoring of the academics Preparation of lecture plan Preparation of time table Preparation of study material & assignment / tutorial questions and academic schedule, updating the library facilities with e-journals Classroom teaching by giving lectures with discussions, chalk & talk, OHPs, PPTs, group discussions, quiz, seminars, visual aids, models, videos, NPTEL course materials etc., Periodical submission of course coverage to HOD and Principal Conduct of Assessment exams and Model Exams Formation of committees and Students chapter at the beginning of the semester and activities like symposium, guest lectures, industrial visits, workshop, intra-department competitions, conference etc. Conduct of the Class Committee Meeting and record the Minutes for addressing the academic and administrative issues. Entrusting the teaching faculty with the task of mentoring 15-20 students on academic and personal issues. Adopting OBE for the

effective delivery of the curriculum, Question papers for the IAs are designed to assess the attainments of the COs. IQAC regularly monitors the quality in curricular delivery. Conducting Bridge course for the First Year students Arranging Guest lecture for students by industry personnel or academicians Guiding and motivating students to do innovative projects and to publish papers in journals, conferences etc. Arranging in-plant training and internship for students to have industry interaction / Conduct of software training, certificate courses and Value added courses for the students to fill the academia and industrial gap Appreciation for the rank holders by cash awards. Communicating the parents about the academic performance and attendance of their ward after completion of each Internal Assessment Test. Conduct of Parent-Teachers Meeting regularly to obtain feedback from parents to improve the academic performance of their ward. Conduct of Motivation Workshops by FACE. Conduct of Japanese language orientation programs, analytical and aptitude training for students. Motivating students to participate in conferences, symposium, workshops, paper presentations. Conducting Mock on-line aptitude and Mock Interviews for Final Year students aspiring for placement Arranging placement for the Final Year students both on-campus and off-campus in Core companies and IT companies Result analysis of Internal and End semester examinations along with Corrective measures

#### 1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
SH-M-COURSE ON MECHANICS	Nil	28/01/2019	8	EMPLOYABILITY	Skill Development
SH-PRP-COURSE ON PROBABILITY AND RANDOM PROCESS	Nil	28/01/2019	22	EMPLOYABILITY	Skill Development
C-RDAD-CERTIFICATE COURSE ON RCC DESIGN AND DETAILING	Nil	26/12/2018	7	EMPLOYABILITY	Skill Development
EEE-PSPICE-CERTIFICATE COURSE ON PSPICE SOFTWARE	Nil	17/05/2019	15	EMPLOYABILITY	Skill Development
ECE-SC-COURSE ON SATELLITE COMMUNICATION	Nil	19/11/2018	30	EMPLOYABILITY	Skill Development
ECE-RAES-COURSE ON ROBOTICS AND EMBEDDED SYSTEM	Nil	24/12/2018	30	EMPLOYABILITY	Skill Development
MECH-IS-CERTIFICATE	Nil	17/12/2018	8	EMPLOYABILITY	Skill Development

COURSE ON INDUSTRIAL SAFETY						
IT-LINUX-COURSE ON LINUX	Nil	02/01/2019	26	EMPLOYABILITY	Skill Development	
SH-LIA-CERTIFICATE COURSE ON LASER AND ITS APPLICATIONS	Nil	30/05/2019	8	EMPLOYABILITY	Skill Development	
MBA-RMAA-COURSE ON RISK MANAGEMENT AND ASSURANCE	Nil	25/02/2019	30	EMPLOYABILITY	Skill Development	
C-QCTC-QUALITY CONTROL TRAINING IN CONSTRUCTION	Nil	17/01/2019	30	EMPLOYABILITY	Skill Development	
IT-SNA19-COURSE ON SOCIAL NETWORK ANALYSIS	Nil	04/02/2019	30	EMPLOYABILITY	Skill Development	
MECH-BOT-BOILER OPERATOR TRAINING	Nil	23/01/2019	90	EMPLOYABILITY	SKILL DEVELOPMENT	
MBA-WEN-WOMEN ENTREPRENEUR	Nil	07/01/2019	30	ENTREPRENEUR	Skill Development	
CSE-SL-SOFT LEARNING	Nil	06/08/2018	30	EMPLOYABILITY	Skill Development	
CSE-AAG - COURSE ON ANIMATION AND GRAPHICS	Nil	27/08/2018	42	Employability	Skill development	
EEE-SCADA - COURSE ON SCADA	Nil	07/07/2018	31	Employability	Skill development	
MBA-HRP - COURSE ON HUMAN RESOURNCE POLICY	Nil	03/09/2018	30	Employability	Skill development	
C-IDAD - COURSE ON INTERIOR	Nil	20/05/2019	7	Employability	Skill Development	



DESIGN AND DRAWING						
CSE-BDT - BIG DATA TRAINING COURSE	Nil	17/12/2018	42	Employability	Skill Development	
CSE-PCMSAT - COURSE ON PC MOTHER BOARD SERVICING AND TESTING	Nil	11/02/2019	41	Entrepreneurship	Skill Development	
PMKVY-GP-GENERAL PLUMBING	Nil	14/11/2018	107	Employability	Skill Development	
PMKVY-DDEO - DOMESTIC DATA ENTRY OPERATOR	Nil	14/11/2018	134	Employability	Skill Development	
C-BLDAAP - COURSE ON BUILDING LAYOUT DESIGN AND APPROVAL PROCESS	Nil	17/12/2018	7	EMPLOYABILITY	Skill Development	
ECE-NIAM - COURSE ON NETWORK INSTALLATION AND MAINTENANCE	Nil	03/07/2018	30	Entrepreneurship	Skill Development	
EEE-EAS - COURSE ON ELECTRICAL APPLIANCES SERVICING	Nil	21/01/2019	8	Entrepreneurship	Skill Development	
ECE-PCBDT- COURSE ON PCB DESIGN AND TESTING	Nil	15/02/2019	20	ENTREPRENEURSHIP	Skill Development	
ECE-DIP- COURSE ON DIGITAL IMAGE PROCESSING	Nil	02/01/2019	30	EMPLOYABILITY	Skill Development	
MECH-FEAA- COURSE ON FINITE ELEMENT ANALYSIS USING ANSYS	Nil	05/12/2018	12	EMPLOYABILITY	Skill Development	
MECH-TWES-	Nil	20/05/2019	6	ENTREPRENE	Skill	

COURSE ON TWO WHEELER ENGINE SERVICING	Nil	11/02/2019	41	URSHIP	Development
IT-EH- COURSE ON ETHICAL HACKING	Nil	27/08/2018	42	ENTREPRENE URSHIP	Skill Development
IT-RP- COURSE ON R- PROGRAMMING	Nil	27/08/2018	42	EMPLOYABIL ITY	Skill Development

## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	CIVIL ENGINEERING	02/07/2018
<a href="#">View File</a>		

### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Civil Engineering	02/07/2018
BE	Computer Science Engineering	02/07/2018
BE	Electrical and Electronics Engineering	02/07/2018
BE	Electronics and Communication Engineering	19/12/2018
BE	Mechanical Engineering	02/07/2018
BTech	Information Technology	02/07/2018
MBA	Master of Business Management	02/07/2018
BE	Civil Engineering	19/12/2018
BE	Computer science engineering	19/12/2018
BE	Electrical and Electronics Engineering	19/12/2018
BE	Electronics and Communication Engineering	19/12/2019
BE	Mechanical Engineering	19/12/2018
BTech	Information Technology	19/12/2018
MBA	Master of Business Administration	19/12/2018

### 1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	1142	Nil

### 1.3 – Curriculum Enrichment

#### 1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Human Values-Value Education VACSHHVVE18	16/10/2018	173
<a href="#">View File</a>		

#### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	CIVIL ENGINEERING	77
<a href="#">View File</a>		

### 1.4 – Feedback System

#### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

#### 1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

##### Feedback Obtained

The institution obtains the online feedback from stakeholders - students, teachers, employers, alumni, and parents. Feedbacks are collected, analyzed and actions are taken accordingly. Students: The class committee meetings that are held periodically provide a platform for the students to discuss all academic issues. Grievances expressed by the students are noted and actions are taken accordingly. Teachers: The faculties provide feedback about the syllabus, duration given for completion, library and laboratory facilities and other teaching aids. They also give constructive feedback for further improvement. Employers: Representatives of various industries give extremely useful feedback regarding the employability of the students and also their expectation from the students. Alumni: The alumni of the college who have moved on to industry or for higher studies give feedback about their years in the institution and the role of the institution in their performance. They also provide suggestions for development. Parents: The parents' meet conducted by college every semester provides a channel for communicating their wards' academic performance and behavior. The parents also provide their feedback and suggestions for improvement. Feedbacks collected from the stakeholders are analyzed by governing council and the board of management. The grievances, issues and the suggestions are discussed by the board and actions are taken to rectify the issues and fulfill the needs. Consolidated action taken report minuted by governing council

- Additional industrial visits are organized.
- Students are encouraged to undergo in-plant training.
- Faculty Development Program, Workshop and Seminar are conducted for the benefit of both Students and faculties.
- More Guest Lectures are organized.
- Faculty members are deputed to undergo industrial training to know about the contemporary practices.
- The labs are set up to help the students and staff in their research activities and projects.
- External experts are invited to give lecture on research, industry and society oriented problems and on topics related to emerging areas.
- Steps

are taken to carry out more funded projects which would be beneficial for both students and faculties. • Steps are taken to tie up with more number of top most industries and to increase placement drive. • Centre of Excellence for CSE department (BOT Lab), ECE department (Internet of Things Lab) and for IT department (Analytics Lab) are planned. • The students and faculties are advised to undergo online FDP certification (NPTEL) courses and more members have taken up the course. • Remedial classes and special coaching classes were arranged for the slow learners. • Training classes for soft skills have been included to improve these skills for students. • Eminent personalities from industry are invited to impart knowledge in entrepreneurship, IPR and innovation activities and also to encourage the students to develop the skills. • More mock interviews and technical training classes are provided. • Students are encouraged to pursue higher studies in Indian and overseas universities. • Planning is done to train students to position their research or project work and to match their specialized knowledge with job opportunities.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	CIVIL ENGINEERING	60	10	6
<a href="#">View File</a>				

### 2.2 – Catering to Student Diversity

#### 2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	1118	71	122	7	3

### 2.3 – Teaching - Learning Process

#### 2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
132	132	7	48	8	7
<a href="#">View File of ICT Tools and resources</a>					
<a href="#">View File of E-resources and techniques used</a>					

#### 2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

In the institution 15 to 20 students are mentored by one faculty. The Objectives of mentoring system is to reduce the gap between the students and faculties. Mentors provide the educational guidance and personal guidance to their mentees. At regular intervals, the mentor met with mentee. Every student attendance, assessment marks and end semester marks are entered in the Student profile record and are monitored. For fast learners encouragement is given by the mentors for getting university rank. And also they are encouraged to participate in intra and extracurricular activities. The fast learners are motivated to participate in various technical events and

competitions, to present papers in symposium, conferences and journals. Awareness about the competitive exams and placement opportunities are given. If any student is facing any problem in academic and non-academic matters, these are solved by the mentors. For medium learners, encouragement and motivation are given to secure more marks and other activities. Not only academic activities, sports and cultural activities by the students are recorded and monitored by the mentors. For slow learners, retests are conducted and if they are not performing well, mentors will take care of the students. They will enquire the reason for this. If they are facing any problem, it will be brought to the notice of HOD, Principal and Vice-Chairman. If possible, it will be solved by the mentor itself. A class committee meeting is conducted at regular intervals for knowing the problems faced in the institution. Actions are taken and recorded by their departments regularly. Students with personal problems that are interfering with their ability to attend classes, to study, or to take exams should contact their HOD to discuss how to handle the problem. In case of interpersonal issues within the class or campus for that matter, a student could get in touch with the class teacher. By this way, the mentoring system in the institution creates a better environment for the students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1189	132	9.01

## 2.4 – Teacher Profile and Quality

### 2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
114	132	Nil	15	33

### 2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	DR. S. HEMAJOTHI	Professor	International Best Researcher Award in Bio signal processing

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## 2.5 – Evaluation Process and Reforms

### 2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	103, 104, 105, 106,114	I / I	12/12/2018	05/02/2019

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### 2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

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 and a tentative schedule of University practical examinations. During each semester the students are well informed about the examination schedules through circulars and information in the notice boards. The question paper patterns for the internal examinations are standardized by the institution, similar to the University end semester

question paper pattern. Internal assessment I covers Unit I and II, Internal assessment II covers Unit III and IV and Internal assessment III (Model examination) covers the entire syllabus of a particular course. Attendance is maintained during the assessment period by the department examination cell.

Absence is informed to the parents. The answer scripts are evaluated by exchanging the answer scripts among sections. 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 who fail in internal assessments with a special timetable framed for the purpose. The academic performance and attendance are maintained and recorded in each department. The students answer scripts are given to the students during parents teacher meet. Class committee meeting is conducted at regular intervals to know the feedback and grievance from the students about the examination schedule, syllabus coverage and availability of study materials.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The institution strictly adheres to the academic schedule followed by Anna University, Chennai. A committee of academic calendar is comprised by the institution. The committee consisting of Principal and Head of Departments prepare the academic calendar well in advance before the commencement of each semester. It is circulated to the staff and students to plan their course of action accordingly well in advance. The calendar outlines the internal examination schedule, model practical, tentative dates for University practical and theory examination schedule, government holidays, reopening dates. Induction day for fresher is also included in calendar. The calendar also outlines the schedule of technical events conducted in the institution like department wise technical Symposiums, workshops, value added course for the students, guest lectures, vocational educational training for both students of the institution and from other institutions and placement training. The calendar outlines the schedule of sports activities both at college and intercollegiate level. Conduct of nontechnical events like College day, Graduation day, Sports day, Farewell day and Pongal celebrations etc., are also enlisted in the calendar. Schedule of industrial visits for the students is also included in the calendar. Tentative dates for parent teacher meeting are also included, which helps the parents who come from distant places to make arrangements accordingly. Schedule for NSS related activities are also planned. The 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.

## 2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://psvpec.in/agar/2018-19/Learn018-19.html>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
103	BE	CIVIL ENGINEERING	42	32	72.7

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## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://psvpec.in/agar/2018-19/2018%20-%202019%20Student%20Satisfaction%20Survey.pdf>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Any Other (Specify)	730	VIJAYALAKSHMI INSTRUMENTS	4.7	4.7

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### 3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Seminar on industrial safety	MECH, EEE, IIC , IQAC	14/06/2018
Seminar on Enterprise Resource planning	MBA,EDC, IIC , IQAC	30/06/2018
Workshop on Intellectual Property Rights Innovations	RD, IIC , IQAC	07/07/2018
Seminar on Career opportunities in Engineering Sector	TRAINING AND PLACEMENT CELL, IIC , IQAC	28/07/2018
Seminar on latest Trends in industry	EDC, IIC , IQAC	03/08/2018
Workshop on Intellectual Property Rights and Patent Filing.	RD IIC , IQAC	24/08/2018
Workshop on Innovation and practices	EDC, IIC , IQAC	08/09/2018
Seminar on Software Platforms	CSE,IT, IIC , IQAC	29/09/2018
Seminar on How to develop innovative projects	EDC, IIC , IQAC	06/10/2018
Seminar on Recent Trends in IT	IT, IIC , IQAC	03/11/2018
Seminar on Opportunities in Design and Development in industries	MECH, EEE, IIC , IQAC	24/11/2018
Seminar on Awareness on Academic Projects	IIC , IQAC	07/12/2018
Seminar on Innovative	IIC , IQAC	28/12/2018

Projects and Patenting		
Seminar on IPR and industry academic practice	IIC , IQAC	24/01/2019
WORKSHOP ON INTELLECTUAL PROPERTY RIGHTS	IIC , IQAC	10/01/2019
Workshop on Management of IPR rights and academicians	MBA, IIC , IQAC	08/02/2019
Workshop on inventions and the role of inventors	IIC , IQAC	22/02/2019
Workshop on idea transfer and innovations	EDC, IIC , IQAC	02/03/2019
Workshop on patent filing for students, research scholars and academicians	RD, IIC , IQAC	23/03/2019
WORKSHOP ON COGNITIVE SKILLS, DESIGN THINKING AND CRITICAL THINKING	IIC , IQAC	23/04/2019
IDEA COMPETITION	IIC , EDC, IQAC	22/04/2019
PROOF OF CONCEPT COMPETITION	IIC , EDC, IQAC	24/05/2019
Guest Lecture on Applications of STAAD Pro Software	Civil	29/06/2018
Guest Lecture on Big Data And HADOOP	CSE IT	24/08/2018
Guest Lecture on Structural Engineering Concepts	Civil	20/12/2018
Seminar on Special Treatments for Building construction	Civil	16/03/2019
Guest Lecture on Structures of power system	EEE	14/03/2019
Guest Lecture on Advancement in Finite Element methods	Mech	25/02/2019
Workshop on Quantity Surveying	Civil	05/02/2019
Workshop on Digital Circuit Design and simulation	ECE	05/02/2019
Guest Lecture on Challenges in micro grids- protection cost and technology	EEE	01/02/2019
Guest Lecture on Production Planning and	Mech	30/01/2019



Control		
Seminar on Continuous improvement Process in Research	Mech	10/12/2018
Guest Lecture on Design Mix concepts	Civil	12/09/2018
Project Guidance Seminar	Civil	05/09/2018
Workshop on Machine Learning	CSE IT	01/09/2018
Guest Lecture on Vapor and Combined Cycle	Mech	23/08/2018
Seminar on Industrial Engineering Management	Mech	18/08/2018
Guest lecture on PIC micro controllers	EEE	13/08/2018
Guest lecture on Computer Aided Process Planning	Mech	07/08/2018
Workshop on Tall Buildings Design	Civil	18/07/2018
Seminar on Solar Energy System	Mech	18/07/2018
Workshop on Modern Electronics Manufacturing	ECE	18/07/2018
Guest lecture on Cyber Espionage and Cyber Threats	CSE IT	07/11/2018
Guest Lecture on Water Resources Management	Civil	10/07/2018
Seminar on Augmented Reality And Virtual Reality	CSE IT	07/07/2018
Guest Lecture on Native Mobile Applications	IT	06/07/2018
Guest Lecture on Coal based power plant engineering	EEE	03/07/2018
Workshop on Energy Management	MBA	30/08/2018
A Workshop on Role of Mechanical Engineers in Oil and Petroleum Field	Mech	09/02/2019
A Workshop on Heating Ventilating and Air Conditioning System	Mech	28/07/2018
Guest lecture on Career opportunities for MBA graduates in the Banking sector	MBA	28/07/2018

A workshop on Digital Electronics	EEE	28/07/2018
A seminar on Solar Power Plants	EEE	18/08/2018
Seminar on E-waste Management	MBA	28/09/2018
A workshop on Electrical Drives and Control	EEE	04/10/2018
A seminar on Introduction to PCB Design and Fabrication	EEE	18/10/2018
Guest lecture on Process Management in Human Resources	MBA	27/10/2018
Guest lecture on Industrial Relations and Human Welfare	MBA	22/01/2019
A seminar on Electrical Machine Design	EEE	29/01/2019
Seminar on Entrepreneurship	MBA	31/01/2019
A workshop on PSPICE for Electrical Engineering	EEE	02/02/2019
Workshop on Business Intelligence	MBA	25/02/2019
A seminar on Underground Electric Transmission	EEE	14/03/2019
A workshop on Power System Stability	EEE	23/03/2019
Guest Lecture on Digital Communication	ECE	10/08/2018
Guest Lecture on Image Processing	ECE	22/09/2018
Guest Lecture on Antenna Design	ECE	03/01/2019
Guest Lecture on VLSI Design	ECE	15/02/2019
Guest Lecture on Skill Development in C programming	S H	03/10/2018
Guest Lecture on The handling of English in Social Media	S H	04/02/2019
Seminar on Optical Communication	ECE	11/09/2018
One day seminar on VLSI design using Xilinx	ECE	30/01/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Bharat ratna mother Teresa gold medal award 2019	Dr. Hemajothi S	Global economic progress and research association	06/05/2019	TEACHER
<a href="#">View File</a>				

### 3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
IIC - PSVPEC	Solar Green Car	Institution	Solar Green Car	Small scale prototype	02/03/2019
<a href="#">View File</a>					

### 3.3 – Research Publications and Awards

#### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
56	22	20

#### 3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
0	Null

#### 3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Civil Engineering	4	11.3
International	Computer Science Engineering	16	5
International	Electrical and Electronics Engineering	5	4.06
International	Electronics and Communication Engineering	41	4.06
International	Mechanical Engineering	15	4.2
International	Information Technology	13	5.8
International	Master of Business Administration	1	5.92
International	Science and Humanities	3	16.28
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#### 3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
INFORMATION TECHNOLOGY	3
MECHANICAL ENGINEERING	3
ELECTRONICS AND COMMUNICATION ENGINEERING	5
ELECTRICAL AND ELECTRONICS ENGINEERING	1
COMPUTER SCIENCE ENGINEERING	2
CIVIL ENGINEERING	2
No file uploaded.	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Experimental research on musa sepientum and hen egg shell hybrid reinforced composite material	Vinithra Banu, T.	International Journal of Engineering and Advanced Technology	2019	0	Prince shri venka teshwara padmavathy engineering College	Nil
<a href="#">View File</a>						

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
High performance reversible data hiding scheme through multilevel histogram modification in lifting integer wavelet transform	Subburam, S.	Multimedia Tools and Applications	2018	1	3	Prince shri venka teshwara padmavathy engineering College
<a href="#">View File</a>						

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	30	15	40	44
Presented papers	6	2	2	8
Resource persons	Nil	Nil	6	10
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### 3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Lake cleaning at Ponmar	NSS unit	2	60
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NSS	Best NSS Unit award	CEG, Anna University	110
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Health check-up camp at Ponmar village	Prince NSS unit in collaboration with Tagore medical College	Health check-up camp	3	75
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### 3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Guest Lecture at NITTR to SUDAN People	Mrs.Jhansi	National Institute of Technical Teachers training and research	1
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
On-Job Training	Training on IOT	SANDS	03/12/2018	07/12/2018	1
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Best Group Of Companies	13/07/2018	Short term activities like Workshop, seminar, Joint Research, Training, Innovation oriented projects	45
<a href="#">View File</a>			

## CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
225.5	214.57

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Newly Added
Seminar Halls	Newly Added
Classrooms with LCD facilities	Newly Added
Seminar halls with ICT facilities	Newly Added
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Others	Newly Added
No file uploaded.	

## 4.2 – Library as a Learning Resource

### 4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Auto lib	Fully	Version 6	2015
PSVPEC BRS	Partially	Version 1	2017
PSVPEC BRS	Partially	Version 2	2018
PSVPEC BRS	Fully	Version 3	2018

### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	20381	6054023	7788	2143277	28169	8197300
Reference Books	3050	915000	87	26100	3137	941100
e-Books	90	Nil	65	Nil	155	Nil
Journals	38	72458	3	9000	41	81458
e-Journals	720	Nil	140	Nil	860	Nil
CD & Video	600	Nil	250	Nil	850	Nil
Library Automation	25	1202400	1	Nil	26	1202400

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Ms.G.Vijayalakshmi	Microprocessor Microcontroller - 8085 Instruction Set	Institutional LMS	09/07/2018

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## 4.3 – IT Infrastructure

### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	725	630	30	15	30	10	10	45	0
Added	67	50	25	5	5	2	0	30	0
Total	792	680	55	20	35	12	10	75	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

75 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Audio Mixer, Computer with USB / WIFI, White Board, Digital Conference hall, Camcorder, Projector, LCD Display, Amplifier, Microphone, Visualiser, Television	<a href="http://psvpec.in/e-content.html">http://psvpec.in/e-content.html</a>

**4.4 – Maintenance of Campus Infrastructure**

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
542.56	456.45	129.08	124.46

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

PSVPEC provides services that meet or exceed the expectations of stakeholders. We are actively pursuing a programme of quality improvements in the maintenance which will help us to provide a service that is 'right from first time' PSVPEC have implemented a quality management system that complies with the international standard ISO 9001:2015. PSVPEC is committed to monitor the effectiveness of our quality of the maintenance system and aims to continuously improve the service and operations to meet the requirements of our stakeholders as well as our legal and regulatory responsibilities. System and Procedures A maintenance wing which is under the control of administration is taking care of the complete campus maintenance which includes buildings, class rooms, water supply, gardens, Housekeeping, roads of all the areas. Infrastructure coordinator monitors activities in this connection. A maintenance register is available in the office, in which all the infrastructure related complaints and recommendations are registered. This ensures the proper functioning and improvement of the equipment and other facilities. All the equipments, instruments, machineries are properly used and maintained as recommended by the manufacturer to minimize the wear and tear damages. PSVPEC has a list of vendors for maintaining and up keeping the infrastructure. In case of any failure or requirement of repair / service, concerned in-charges will execute a work requisition in the prescribed format through HOD to carry out the maintenance activities. PSVPEC is maintaining an equipment history register to record the complete history such as name plate details, periodical service, spares replacements, breakdown details, etc., of all the equipments, instruments and machineries. All the applicable equipments and instruments are subjected to periodical calibration externally and internally to ensure its accuracy. The history of calibration of the equipment and instrument is being maintained in a calibration register in the respective laboratories / locations. This ensures a precision and good maintenance of instruments which are made available to the students during their practical sessions Preventive maintenance work is carried out during the vacation periods. PSVPEC is prepared to execute annual maintenance contract if necessary. Water tanks, water coolers and RO plant are subjected to periodical



cleaning and maintenance to provide a quality service to the campus. A register is being maintained to record the history of maintenance activities for water tanks, coolers, RO plant and fire extinguishers. All electrical fittings are subjected to periodical checkup to ensure its functionality. A register is being maintained to record the history of verification, spares replacements and service. Each Department ensures that all the equipment is working properly without error by making trial run periodically Sensitive equipments are maintained with the proper safety provisions in all the laboratories through the respective in-charges Electricians and the supporting staff take care of electrical equipment's and their regular maintenance schedule Computers in the laboratories are provided with UPS connection to protect the equipment's and accessories against power fluctuations and shutdown as well The institution functions with high powered Generator to provide uninterrupted power supply to the campus.

<http://psvpec.in/aqar/2018-19/4.4.2%20Procedure%20and%20policies%20for%20maintenance.pdf>

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Elite, Academic, Merit, Mother Teresa, Punctilicious, Vidya vikas scholarships	782	8291000
Financial Support from Other Sources			
a) National	Post metric, BC/MBC, FG, Pragati and non government Scholarship	768	12681800
b) International	nil	Nil	0

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#### 5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
ICT COMPUTING - TRAINING	12/06/2018	401	PSVPEC- CSE IT FACULTIES

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#### 5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	CAREER COUNSELLING	Nil	401	45	318

2019	CAREER COUNSELLING	Nil	401	45	318
2018	SOFT SKILL DEVELOPMENT	Nil	401	45	318
2019	SOFT SKILL DEVELOPMENT	Nil	401	45	318
2018	GUIDANCE FOR COMPETITIVE EXAMINATIONS	86	Nil	45	318
2019	GUIDANCE FOR COMPETITIVE EXAMINATIONS	86	Nil	45	318
No file uploaded.					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
12	12	7

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
BYJUS	284	1	TCS	261	15
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	BE	CIVIL	NICMAR	PGP ACM
<a href="#">View File</a>					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	2
CAT	1
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
100 Meter Running Freshers - Boys	INSTITUTE	53

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### 5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Silver	National	1	Nil	41171710 3006	MUKESH M

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Students are the pillar of our institution. All organizing committees for seminars, symposia, conferences and workshops are headed by student representatives. There are various academic and administrative committees involved in the overall functioning of the institution with student participation. 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. Active Student Council representation of students on academic administrative bodies/committees of the institution The Student Council is a representative structure through which students can become involved in the affairs of the College, working in partnership with management, staff and parents for the benefit of the College and students. Objective 1.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 faculties, administration and society. 2. 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. 3. Activities under the council will be well supported by a team of faculty members. Each committee comprises of Convener, Co-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: Library Advisory Committee Alumni Association Anti-ragging committee Placement committee Discipline and welfare committee Grievances and redressal committee Research committee Class Committee Cultural and events Committee Sports advisory committee Entrepreneurship Development Cell (EDC) Women empowerment cell National Service Scheme (NSS) Youth Red Cross (YRC) Rotaract Club Eco Club Tamil Mandram Science Club Ramanujam Maths Club Shakespear Club Hostel committee Sexual Harassment Committee Equal Opportunity Cell Duties of Student Council S.no Name of the post Responsibility 1 Convener - Spearheading the council activities, planning, executing the calendar of activities across the academic year. 2 Co-convener - Coordination with students and faculty and Implementing Meet deadlines and achieve goals. Assume other duties the Convener, such as meeting Stakeholders to organize smoothly. 3 Members - Communicate ideas from the student body to the Report to the Students the results of Council activities Participate and coordinate committee meetings 4. Volunteer as needed.

### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Alumni Association of PSVPEC is active since 2005. The alumnus forms the major strength of the institution. The main objective is to enroll all alumni as members of the association and facilitating active participation of the alumnae in appropriate activities, events, and initiatives of the Institute. The Placement and training cell in coordination with the departments organizes alumni meet every year to share their views and suggestions for the betterment of their junior students, departments and institution. Such meetings are mutually beneficial for the Institution and the alumni. PSVPEC Facebook page, group mail-ids, etc. are available to connect with the alumni and conduct alumni interaction programs. Alumni interact with the respective HoDs and give them information regarding current trends and practices in the industries in which they work, so that suitable improvements in the infrastructure facilities can be made in the institution. PSVPEC Alumni Association is governed by an elected body of members, which comprises of president, vice-president, secretary, treasurer and other office bearers. PSVPEC alumni are actively involved in the following activities for the benefits of the Institution and its students: The alumni also help the final year students of the various streams of engineering, business administration and computer applications to get their project placements and summer internship in their companies or to assist them get it through their reference. The alumni deliver's talks/seminars/Guest Lecture in their areas of expertise, current industry trends and requirements. Alumni are also involved in guiding certain final year projects. They also help the department to identify the industries for students to undergo in plant training and internships. Alumni Interactive sessions are also arranged through the Training and Placement Cell for providing guidance regarding higher studies, competitive exams and placement for juniors. Based on the feedback from the alumni interaction / industry experts, value added courses are provided for the development of the students. Alumni conduct mock Interviews for all the departments to prepare the students for placement. Alumni pre-placement talks are conducted to enhance the employability skills of the students. Successful entrepreneurs from the alumnus are invited to talk on their success stories at various occasions of the Institute.

5.4.2 – No. of enrolled Alumni:

300

5.4.3 – Alumni contribution during the year (in Rupees) :

275000

5.4.4 – Meetings/activities organized by Alumni Association :

The main objective is to enroll all alumni as members of the association and facilitating active participation of the alumnae in appropriate activities, events, and initiatives of the Institute. The Placement and training cell in coordination with the departments organizes alumni meet every year to share their views and suggestions for the betterment of their junior students, departments and institution. Such meetings are mutually beneficial for the Institution and the alumni. PSVPEC Facebook page, group mail-ids, etc. are available to connect with the alumni and conduct alumni interaction programs. Alumni interact with the respective HoDs and give them information regarding current trends and practices in the industries in which they work, so that suitable improvements in the infrastructure facilities can be made in the institution. PSVPEC Alumni Association is governed by an elected body of members, which comprises of president, vice-president, secretary, treasurer and other office bearers. PSVPEC alumni are actively involved in the following

activities for the benefits of the Institution and its students: The alumni also help the final year students of the various streams of engineering, business administration and computer applications to get their project placements and summer internship in their companies or to assist them get it through their reference. The alumni deliver's talks/seminars/Guest Lecture in their areas of expertise, current industry trends and requirements. Alumni are also involved in guiding certain final year projects. They also help the department to identify the industries for students to undergo in plant training and internships. Alumni Interactive sessions are also arranged through the Training and Placement Cell for providing guidance regarding higher studies, competitive exams and placement for juniors. Based on the feedback from the alumni interaction / industry experts, value added courses are provided for the development of the students. Alumni conduct mock Interviews for all the departments to prepare the students for placement. Alumni pre-placement talks are conducted to enhance the employability skills of the students. Successful entrepreneurs from the alumnus are invited to talk on their success stories at various occasions of the Institute.

## **CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT**

### **6.1 – Institutional Vision and Leadership**

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The College follows the policy of decentralization. There are different bodies that give academic and administrative leadership to the institution. The Governing Body delegates all the academic and non-academic decisions based on policy to the college Committee headed by the Principal. In various committees / clubs / associations teaching faculties, nonteaching faculties and students from various departments are involved for planning and executing the co-curricular and extension activities. This encourages the involvement of the staff for the improvement of effectiveness and efficiency of the institutional process. Extent of decentralization and participative management of clubs and committees: The IQAC actively involved in prescribing quality norms and ensuring adherence to the same. IQAC consists of members from management, faculties, students, alumni and external experts as per norms. The Vice Principal oversees the admission process and monitors student's attendance regularity. The HOD regularly organizes meetings with the faculties to assess the progress in teaching learning and to take corrective measures. The staff meetings are held at least once every month, where important matters relating to academics, examinations, research and the general discipline of the campus are deliberated. Students participate in class committee meetings to give suggestions for improvement and to identify the assistance needed in academics, co-curricular and extra-curricular activities. Clubs and Committees such as Discipline Welfare Committee, Anti-Ragging Committee, Sexual harassment committee, Women Empowerment Cell, Eco Club, Science Club, Tamil Mandram, Personal Counselling Committee, Entrepreneurship Development Cell, Shakespeare Club, Ramanujam Maths Club, Cultural Committee, Admission Committee, Grievance Redressal Cell, College Magazine Committee, Research Advisory Committee, Library Advisory Committee, Institution Innovation Council, NSS, YRC and Rotaract Club are some of the forums where the faculty get involved in the planning and execution of the co-curricular and extracurricular activities of the institution. Decentralization of Internal Assessment Examination/ Evaluation System Internal Assessment and evaluation is decentralized into the departmental level with the help of the Exam cell. All these process is done effectively, efficiently and in a transparent manner. The examinations are conducted to achieve the expected Course Outcome. IQAC with the help of department exam cell coordinators prepares the academic calendar at the institution level on considering the uploading dates of internal marks in the

university web portal. The hall superintendents are allocated for invigilation by the coordinator. The squad for monitoring the fair conduction of the internal examination is deputed by the IQAC. Teaching faculties prepares two sets of question papers in their respective subjects adhering to blooms taxonomy. Scrutiny Committee formed by the Head of the department selects the question paper for the assessment. The quality of the question papers is scrutinized for syllabus coverage, pattern, course outcomes and knowledge Levels with the quality index. Senior faculty members of the institution act as squad members to monitor the malpractice during the Internal Assessment. Central paper evaluation is done as recommended by IQAC. After evaluation of answer scripts, the marks are uploaded in the Anna University Web portal by the faculty members.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

## 6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Industry Interaction / Collaboration	The institute and industry collaboration plays a pivotal role to bridge both. The students are benefitted due to exposure to current industry practice and faculty gets sensitized to the latest practices leading them to blend practice with theoretical teaching methods. In the institution continues to propagate industry connect through: 1) Guest Lecture, Technical talks, Invited seminars 2) Industry visits / tours 3) Students' project work / internships 4) Training to industry by the faculties 5) MOU(Memorandum of Understanding) with Industries.
Human Resource Management	The institution focuses on dynamism and experience through HR Management. The roles and responsibilities of all the types of faculty members are formulated and followed. This strengthens our Institution value which helps the society. Performance appraisal based on their education, experience, publications, rewards/recognitions, promotion is done. Safety, welfare and others of the faculty are monitored. Frequent meetings are conducted for discussing the update of knowledge by the faculties in various areas. As a part of Quality Improvement programme, review and enhancement of HR policies and procedures of the institution has been completed and an updated and comprehensive HR framework would be in displayed in the website.

<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>Based on the perspective plan, following improvements have been done at the infrastructural level. Centre of excellence is established in the computer science department. The bandwidth of Wi-Fi has been improved. Central Library is digitized and fully automated. Learning resources such as books, reference books, rare books, journals, e-journals and others are increased and modernized.</p> <p>Implementation of ICT is also progressed which enhances the students thinking and solving real world problems. Infrastructure facilities such as computers, lab equipments, solar power plant, Engineering Workshop, IOT lab, Lightings, Generator and others are improved and increased.</p>
<p>Teaching and Learning</p>	<p>Each department has developed the PEOs, PSOs and POs on looking at the vision and mission of the Institution/ Department. Mapping of COs and POs/ PSOs has been practiced and attainment has been calculated. The outcome based education (OBE) has been meticulously practiced. A regular internal and external academic administrative audit (AAA) has been conducted in a regular frequency by the IQAC. The observation of the audit is discussed in the meeting and suitable remedial actions are initiated by the IQAC.</p>
<p>Curriculum Development</p>	<p>The curriculum is prescribed by Anna university. Since curriculum is crucial for the well-being and effectiveness of providing quality education, the institution has adopted the competence-based curriculum. The curriculum undergoes a revision once in four years by the University. The institution encourages our faculty/department to contribute to enrich the curriculum during the course of its revision. This is carried out by communicating to the university during the process of preparing and finalising the revised/new curriculum. It exhibits a comprehensive approach, realizing the current global dynamics and as well as multi-dimensional challenges rightly envisaging broader goals like Research, Innovation, Entrepreneurship and Leadership development besides communication, team spirit, discipline, social consciousness and self-confidence.</p>

Examination and Evaluation

The institution has a centralized examination cell in operation effectively. The faculty evaluate the levels of examination questions set by the university for Semester End Examination and identify the gaps to be made up to meet the requirements of Course Outcomes (COs). The gap is made up through the internal assessment tests where the questions are set at different levels of Bloom's Taxonomy. The performance of the students is keenly monitored in three Internal Assessment tests. Mentor's counselling and Parents-Teachers discussions are held for analysing the progress of the wards. Slow learners are identified and given special training and coaching on their requirement basis. Their performance is lifted through the method and ensured through evaluation. Apart from regular features of examinations, participation in tutorials, assignment, debates, quiz, presentations, case studies, projects, laboratory works and viva-voce kind of practice from the core part since these activities have specific learning purpose in knowledge acquisition. Hence a continuous effort is being exercised to add value to our students and prepare them to meet the current needs of the industry.

Research and Development

As per the recommendation of IQAC, more number of faculties is encouraged to pursue their Ph.D. Students are encouraged to work with innovative projects. Students in particular can work on current technology through mini-projects and experiments in identified areas beyond the coverage of the syllabus thereby they acquire the knowledge/skill by doing. The mini-projects and the final year major projects are exhibited on a "Project Exhibition Day" every year. The alumni and industrialists are invited to evaluate the projects to reward the select projects. Further mini projects can be taken up by the faculty and students in emerging areas of technology. Students are also encouraged to participate in various technical competitions like Smart India Hackathon, Singapore Hackathon, Viswakarma Awards etc., which were conducted by AICTE etc. More applications had been submitted for



getting funds for the projects. Faculty members are insisted to publish more papers in journals and conferences etc.

**Admission of Students**

Students are admitted through counseling and Consortium of Self-financing, Arts and Science Colleges as per the Tamilnadu Higher Education norms. Scholarships are given by the Prince Educational Society for the students based on their score in HSC examination. These initiatives make the institution the most sought after by the engineering aspirants. For improving the quality of incoming freshers, bridge courses in mathematics, physics, chemistry and communicative English are being conducted as a process to augment the perceived gap between PU / 12th and engineering pre-requisites. Target students are identified through a competency level test. This prepares the fresher to ramp-up to our teaching-learning process.

**6.2.2 – Implementation of e-governance in areas of operations:**

E-governance area	Details
<p><b>Planning and Development</b></p>	<p>Construction and renovation of new buildings, maintenance of existing infrastructure, purchase of new computers and new equipments</p>
<p><b>Administration</b></p>	<p>Biometric attendance is implemented for the attendance of all teaching and nonteaching faculties. Our college is equipped with CCTV cameras at the place of need. E-library management system is available for library management and other processes. Programs and activities for students, placement activities, hostel and extension activities etc., are available online.</p>
<p><b>Finance and Accounts</b></p>	<p>EDU-Excel software is used for transparent functioning of Finance and Accounts department of the college. This helps to increase the efficiency of staff towards the accuracy in financial transactions. The college conducts regular audit of annual books of accounts. The administrative office keeps the all financial records separately as per the events and transactions made for. The administrative office maintains the Books of Accounts properly which helps in auditing procedure.</p>

Student Admission and Support	EDU-Excel software is used to know the details of students admitted in various departments. College has extended helping counter for the students which provides them several services as such Admission form Filling, Examination form filling as well as Scholarship Form filling at one place only. Procedure for admission is available online.
Examination	Examination cell is equipped ITC tools for examination purpose. Internal assessment mark details of students can be displayed whenever required for mentoring and monitoring purpose.

### 6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	DR. HEMA JOTHI S	(Bharat ratna mother Teresa gold medal award 2019 - by Global economic progress and research association)	0	5000
<a href="#">View File</a>				

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	An Educative Program on Handling Students Psychology for enhancing their Mental health	-	28/11/2018	30/11/2018	23	Nil
<a href="#">View File</a>						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
An Educative Program on Handling Students Psychology for enhancing their Mental health	23	28/11/2018	30/11/2018	3
<a href="#">View File</a>				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
132	132	35	35

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> <li>• Free Transport</li> <li>• Maternity Leave for Women Faculty</li> <li>• Employee Provident Fund (EPF)</li> <li>• "On Duty" for attending FDPs, workshops, conferences and other Anna university examination duties</li> <li>• Sponsorship for attending FDPs, conferences, workshops and seminars</li> <li>• Fee Concession for wards admitted in School / College of Prince Group of Institutions</li> <li>• In-Campus Ambulance facility</li> <li>• Marriage leave</li> </ul>	<ul style="list-style-type: none"> <li>• Free Transport</li> <li>• Maternity Leave for Women Faculty</li> <li>• Employee Provident Fund (EPF)</li> <li>• "On Duty" for attending FDPs, workshops, conferences and other Anna university examination duties</li> <li>• Sponsorship for attending FDPs, conferences, workshops and seminars</li> <li>• Fee Concession for wards admitted in School / College of Prince Group of Institutions</li> <li>• In-Campus Ambulance facility</li> <li>• Marriage leave</li> </ul>	<ul style="list-style-type: none"> <li>• Elite Scholarship</li> <li>• Academic Scholarship</li> <li>• Arjuna Scholarship</li> <li>• Merit Scholarship</li> <li>• Mother Teresa Scholarship</li> <li>• Punctilicious Scholarship</li> <li>• Vidya Vikas Scholarship</li> </ul>

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

A financial audit is an independent, objective evaluation of the Institution's financial reports and financial reporting processes. The primary purpose for financial audits is to give Management, Principal and HODs reasonable assurance that financial statements are accurate and complete. Internal financial auditors are Institution employees while the external auditors work from an outside audit firm. Internal Audits Internal audit for transactions at the institutional level is done by the team with accounts officer. The institution conducts internal finance audit regularly: payments, receipts and accounting on daily dealings carried out by the Senior Accountant such as monthly salary of all employees, expenditure for hostel mess, expenditure details for conducting the events such as seminar, workshop, conferences, value added courses,

certificate courses, FDP, sports articles and expenses, institution innovation council, cultural activities, club and committee activities, placement cell, purchase of equipment for laboratories, lab expenses, library books, journals and periodicals, computer for e-journal, stationaries, transport etc. External Audits External Audit is done by an auditor from the outside firm. Income and expenditure - balance sheet, receipts and payments are forwarded to the external auditor at the end of the financial year for audit purpose. Audit covers salary audit, budget audit, fees received, maintenance audit, cost audit, funds received from other agencies and alumni etc. Audit of accounts and submission of income tax return are being carried out for every financial year.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Alumni	275000	Institution development
<a href="#">View File</a>		

6.4.3 – Total corpus fund generated

173983275
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## 6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Prince Dr.K.Vasudevan College of Engineering and Technology	Yes	IAQC members
Administrative	Yes	Auditors	Yes	IQAC members

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

<ul style="list-style-type: none"> <li>• Create healthy academic and institutional growth</li> <li>• Maintain good discipline and high academic standards</li> <li>• Guest lecture by the parents working in industries</li> <li>• Provide some amenities needed by the students</li> </ul>
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6.5.3 – Development programmes for support staff (at least three)

Year Program From To Number of Participants 2018 Training Program on Automation of Administration Functions and its Applications 10.12.2018 11.12.2018 10 2019 Program on Importance of Electrical safety for Lab Technicians 16.05.2019 16.05.2019 12 2019 Guest Lecture on Womens Leadership Development 03.01.2019 03.01.2019 8 2019 Speech on Women Portrayed in the Media 11.02.2019 11.02.2019 6
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6.5.4 – Post Accreditation initiative(s) (mention at least three)

<ul style="list-style-type: none"> <li>• Improvements in value added courses and certificate courses</li> <li>• Promotion of research and attending conference, workshop, faculty development programs etc, membership by faculties</li> <li>• Improvements in participation in various technical competitions such as Smart India Hackathon, SAP hackathon, Viswakarma Awards, Start-up India etc.,</li> <li>• Conducting more IPR and innovation related activities by implementing Institution Innovation Council</li> <li>• Encouraging students to attend more workshop, seminar, conference etc.</li> <li>• Improvements in extension activities</li> </ul>
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### 6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
c) ISO certification	Yes
d) NBA or any other quality audit	No

### 6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	An Educative Program on Handling Students Psychology for enhancing their Mental health	29/06/2018	28/11/2018	30/11/2018	23

[View File](#)

## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Awareness program on The sexual harassment of women at workplace	09/01/2019	09/01/2019	73	53
Self empowerment program for nearby villages	04/09/2018	04/09/2018	38	17
Guest lecture on women's leadership development	03/01/2019	03/01/2019	209	139
Speech on women portrayed in the media	11/02/2019	11/02/2019	134	65
Special talk on market limitations on women's career	22/02/2019	22/02/2019	89	56
Motivational speech on	04/03/2019	04/03/2019	215	52

sexual harassment				
International women's day 2019	08/03/2019	08/03/2019	252	69
Educating women against domestic violence	12/04/2019	12/04/2019	192	42
International mother's day celebration 2019	13/05/2019	13/05/2019	154	42
Music competition	03/09/2018	03/09/2018	12	7

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
50.59

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Provision for lift	Yes	2
Ramp/Rails	Yes	2
Braille Software/facilities	No	2
Rest Rooms	Yes	2
Scribes for examination	Yes	Nil
Special skill development for differently abled students	Yes	2
Any other similar facility	Yes	2

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	Nil	09/06/2018	1	Awareness on Use of Head Phones while	Awareness Program On Use of Mobile Phones	45

[View File](#)

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
<p>CODE OF CONDUCT FOR TEACHING FACULTY</p>	<p>04/06/2018</p>	<ul style="list-style-type: none"> <li>• The staff should remain present in the college, at least 10 min before the start of college. The staff should be regular, punctual and shall stay back beyond the working hours if required to complete the official work.</li> <li>• All faculty of the college should maintain harmonious relations with other staff and students</li> <li>• Prior approval in writing should be obtained before proceeding on leave. In case of illness or emergency, inform the Head without undue delay. Do not abuse leave concessions.</li> <li>• Report their resumption of duty promptly.</li> <li>• Should arrange guest lectures, preferably in a specialization related to the department with a view to widen the horizons of knowledge. Prepare a list of eminent people who could be invited to deliver guest lectures.</li> <li>• Should monitor students' development and problems through feedback and counseling.</li> <li>• Should appoint faculty counselors so as to meet the needs of students suffering from the effects of stress and peer pressure.</li> </ul>
<p>CODE OF CONDUCT FOR NON-TEACHING FACULTY</p>	<p>04/06/2018</p>	<ul style="list-style-type: none"> <li>• Any unexpected breakdowns of Lab Machines / Equipment must be reported immediately to the teaching staff in-</li> </ul>

charge of the particular Lab. • Damages caused to the Lab Equipment by students due to mishandling must be reported to the concerned staff member for further action. • The responsibility of Lab Assistant is to identify the requirement of Lab consumables etc. preferably before the beginning of the semester and give the same in writing to Lab -In-charge. • All maintenance works must be carried out recorded as per the schedules given by the Lab-In-Charge, without affecting the regular Lab class work. • Issue register for tools issued to the students must be maintained for each and every Lab. • Ensure all procurements are recorded properly in stock registers and maintain separate registers for consumables and non-consumables. • Should ensure the availability proper maintenance of "first aid facilities firefighting equipment".

- Should avoid other activities during Lab hours unless assigned by the senior Management.
- Adjust Lab work to a technician, who is familiar with that Lab, in case of their absence.
- Ensure that the Machine is in proper working condition then allow the students to do the Job.

All the non-teaching staff should carry out the assigned work with complete involvement and honesty • The staff working in laboratories should keep proper maintenance and cleanliness and they



		<p>should carryout additional work assigned to them. • No staff employed in the college shall engage directly or indirectly in any trade or business other than their assigned portfolio</p>
<p>CODE OF CONDUCT FOR HEAD OF THE DEPARTMENT</p>	<p>04/06/2018</p>	<p>• Should ensure that all classes are held as per the time - table and make alternate arrangement for the class work of teachers absent on that day. Should recommend for disciplinary action against those availing leave without prior arrangement for class work. • Should verify the student attendance registers on every weekend to check for proper marking of attendance and implementation of lecture plans. He/ She should forward all the registers on the last working day of every month to the Director's perusal. • Should go around the class rooms and laboratories to ensure the decorum and discipline as per time-table. • Should convene meetings of Faculty twice in a fortnight to review Academic and RD activities of the Department. • Should arrange guest lectures, preferably in a specialization related to the department with a view to widen the horizons of knowledge. Prepare a list of eminent people who could be invited to deliver guest lectures. • Should monitor students' development and problems through feedback and counseling. • Should appoint faculty</p>

		counselors so as to meet the needs of students suffering from the effects of stress and peer pressure.
CODE OF CONDUCT FOR STUDENTS	04/06/2018	<ul style="list-style-type: none"> <li>• Students are expected not to involve in any political party and are not supposed to influence the fellow students to indulge supporting any political party or political campaign.</li> <li>• The rusticated student shall not involve in any form of academic activities in and out of the institution without proper approval of the concern authorities</li> <li>• Students should not involve in ragging and sexual harassment activities</li> <li>• All the rules to be followed in the library is specified</li> </ul>

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Value added course on Human Values-Value Education VACSHHVVE18	16/10/2018	27/11/2018	173
<a href="#">View File</a>			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

The institution being a 'Go Green' campaign supporter has Pedestrian friendly roads with trees on both sides of the roads inside the campus providing an excellent ambience for learning. Hostel students and staff use 'Bi-Cycles' for transportation within the Campus. Minimal number of students use private transport and maximum number of students use public transport, helping the institution have a pollution free environment. Concessional bus passes are provided for Students using public transport. The virgin greenery of the campus is maintained by having shady trees, ornamental plants and green grass landscaping. The institution is interested to be a Plastic free zone by insisting the students to have reusable bags instead of plastic carry bags. The institution has, Paperless Office using Campus Management System (CMS). All receipts to the students are sent as E-Receipts. Only on request hard copies are provided. CMS is used for all sorts of communications to departments, staff and students. Staff and Students receive all notifications in their individual logged in applications and submit their assignments and projects online. The students are encouraged to take up green chemistry projects, trained in minimization of wastes and create an eco-friendly environment. A mobile application has been designed by the institution to communicate to the students now and then.

## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

7.2.1 Best Practices Best Practice - 1 NSS activities Objectives: • To understand the community and themselves in relation to their community • To identify the needs and problems of the community and involve them in problem-solving • To develop a sense of social and civic responsibility among students • To utilize the students' knowledge in finding solutions to individual and community problems • To develop competence required for group-living and sharing of responsibilities • To gain skills in mobilizing community participation • To acquire leadership qualities and democratic attitudes • To develop capacity to meet emergencies and natural disasters and practice national integration and social harmony Activities of NSS unit Title of the activities conducted by NSS unit and the participation of teachers and students are listed below. Title of the activities Organising unit/agency/ collaborating agency Number of teachers participated in such activities Number of students participated in such activities Lake cleaning at Ponmar NSS unit 2 60 Pan Card Camp Prince NSS unit in collaboration with UTI technology service Ltd, Chennai 2 10 Blood Donation camp NSS unit in collaboration with Lions Club 10 150 College Campus Cleaning Prince NSS Unit 2 68 Eye screening camp - Agaramthen village NSS unit in collaboration with Tagore Medical College 3 68 Human Chain Rally - Voters awareness Rally Institute innovation Council in collaboration with NSS unit of Prince 5 110 Awareness Program on Yoga Day NSS unit with ED cell 22 128 Temple cleaning in Ponmar temple NSS Unit 4 110 Book donation to Government school, Ponmar NSS unit 5 110 Veterinary Camp at Agaramthen NSS unit Madras Veterinary College 6 54 Road cleaning at Ponmar NSS unit YRC 2 67 Nilavembu kudineer concoction to public NSS 4 24 Plastic waste cleaning campaign at Kandigai NSS , YRC 6 69 Road safety - Awareness Program YRC, NSS 5 64 Issue of books to School Library NSS 45 253 Water usage awareness program NSS 3 45 Awareness Program on Air Pollution NSS 5 34 Awareness on nutrition NSS , YRC 3 64 Blood Cholesterol Check up camp NSS, YRC 3 36 How to safeguard ourselves from Dengue NSS, YRC 4 34 Awareness on Drugs NSS, YRC 6 36 A look on Climate change YRC, Rotaract, NSS 3 64 Awareness program on cataract - Agaramthen village NSS 6 123 Awareness on cleanliness for school students YRC, Rotaract, NSS 7 38 Waste management awareness to village people NSS 3 42 Institution has obtained BEST NSS UNIT award for the academic year of 2018-2019 for its activities. Best Practice - 2 Innovation Activities Institution innovation council is established by the institution which is approved by Ministry of Human Resource Development, Government of India to encourage, inspire and nurture young students by exposing them to new ideas and processes resulting in innovative activities in their formative years. Functions of IICs • Conducting various innovation and entrepreneurship-related activities • Identify and reward the innovations by the students and faculties • Organizing periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals to create awareness on innovation and entrepreneurship activities • To highlight and reward the innovative projects carried out by both students and faculties • Motivating the students participation in various technical competitions like Hackathons, idea competition, proof of concept competitions etc. with the involvement of industries. Various innovation activities are stated below. Title of workshop/seminar Name of the Dept. Date Seminar on industrial safety MECH, EEE, IIC , IQAC 14/06/2018 Seminar on Enterprise Resource planning MBA,EDC, IIC , IQAC 30/06/2018 Workshop on Intellectual Property Rights Innovations RD, IIC , IQAC 7/7/2018 Seminar on Career opportunities in Engineering Sector TRAINING AND PLACEMENT CELL, IIC , IQAC 28/07/2018 Seminar on latest Trends in industry EDC, IIC , IQAC 3/8/2018 Workshop on Intellectual Property Rights and Patent Filing. RD IIC , IQAC 24/08/2018 Workshop on Innovation and practices EDC, IIC , IQAC 8/9/2018 Seminar on Software Platforms CSE,IT, IIC , IQAC 29/09/2018 Seminar on How to

develop innovative projects EDC, IIC , IQAC 6/10/2018 Seminar on Recent Trends in IT IT, IIC , IQAC 3/11/2018 Seminar on Opportunities in Design and Development in industries MECH, EEE, IIC , IQAC 24/11/2018 Seminar on Awareness on Academic Projects IIC , IQAC 7/12/2018 Seminar on Innovative Projects and Patenting IIC , IQAC 28/12/2018 Seminar on IPR and industry academic practice IIC , IQAC 24/01/2019 WORKSHOP ON INTELLECTUAL PROPERTY RIGHTS IIC , IQAC 10/1/2019 Workshop on Management of IPR rights and academicians MBA, IIC , IQAC 8/2/2019 Workshop on inventions and the role of inventors IIC , IQAC 22/02/2019 Workshop on idea transfer and innovations EDC, IIC , IQAC 3/3/2019 Workshop on patent filing for students, research scholars and academicians RD, IIC , IQAC 23/03/2019 WORKSHOP ON COGNITIVE SKILLS, DESIGN THINKING AND CRITICAL THINKING IIC , IQAC 23/04/2019 IDEA COMPETITION IIC , EDC, IQAC 22/04/2019 PROOF OF CONCEPT COMPETITION IIC , EDC, IQAC 24/05/2019 Result: As a result, students had been selected for various technical competitions like final round of POC, HACKATHON etc. and got placed in various industries. 4 Star rating was obtained by the Institution Innovation Council from MHRD for its activities.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://psvpec.in/aqar/2018-19/7.2.1%20Best%20Practices%2018-19.pdf>

### 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Achieving Excellence in Technical Education, placements, Research and Consultancy through an Outcome Based Curriculum focusing on Continuous Improvement and Innovation to meet the global challenges and demand for the societal needs. The institute aims at the learning skills focusing on professional and ethical values among students, and to instill in them a spirit of innovation and entrepreneurship. Institute encourages the students a desire for higher learning and research, to equip them to face the global challenges. It provides opportunities for students to get the needed additional skills to make them industry ready by interacting with industries and other organizations to facilitate transfer of knowledge. The institute aspires hard to create successful, professional persons to serve the society. The institute mainly focuses on developing self-discipline, ethical and moral values among students by conducting value added courses on this. The institution frequently updates the infrastructure, lab facilities, IT facilities, ICT facilities, library facilities and sports facilities for the betterment of students in academic and sports activities. The college has a best teaching learning process to improve the technical skills, academics, intra and extracurricular activities of the students. Various scholarships are provided by the college for the meritorious students for encouraging the students in studies and also social activities. The placement cell of this institution organized many training programs for facing the campus interviews and to success in that. Recruitment Training Program is imparted to the students from the second year itself. During the starting of final year, 10 days training program is conducted for further improvement on various skills. Various guest lectures, workshops, seminars, conferences etc., are conducted for reducing the curricular gap and getting the outside exposure beyond the academics. And also students are encouraged to go for internship, in-plant training, to do field projects for enhancing their knowledge through practical experience. Students are motivated to participate in various technical competitions such as Smart India Hackathon, TCS testimony, SAP semicolon hackathon, national level BOTATHON BOT-building event etc.,. The institution actively conducts the IPR, entrepreneurship and innovation activities with the help of Institution Innovation Council approved by MHRD, Centre Government of India. The students of PSVPEC showed their talents in

curricular and extracurricular activities by this.

Provide the weblink of the institution

<http://psvpec.in/aqar/2018-19/7.3.1%20Institutional%20Distinctiveness.pdf>

### **8.Future Plans of Actions for Next Academic Year**

• To improve Innovative Research and consultancy activities • To get more patents for research activities • To have more number of MoU with other institutes and industries to make the students industry ready • To improve the admission • To get the autonomous status • To get accredited by NBA • To improve the extension activities