



Yearly Status Report - 2017-2018

Part A

Data of the Institution

| | | |
|---|--|---|
| 1. Name of the Institution | | 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 |

| | |
|--|------------------|
| 2. Institutional Status | |
| Affiliated / Constituent | Affiliated |
| Type of Institution | Co-education |
| Location | Rural |
| Financial Status | private |
| Name of the IQAC co-ordinator/Director | Dr. M. Rajendran |
| Phone no/Alternate Phone no. | 04422420129 |
| Mobile no. | 9442516071 |
| Registered Email | prince@psvpec.in |
| Alternate Email | iqac@psvpec.in |

| | |
|--|---|
| 3. Website Address | |
| Web-link of the AQAR: (Previous Academic Year) | http://www.psvpec.in/aqar/2017%20-%2018/ssr16-17.pdf |
| 4. Whether Academic Calendar prepared during the year | Yes |
| if yes,whether it is uploaded in the institutional website: Weblink : | http://psvpec.in/aqar/2017%20-%2018/Acad-Calendar2017-2018.pdf |

| 5. Accrediation Details | | | | | |
|--------------------------------|-------|------|----------------------|-------------|-------------|
| Cycle | Grade | CGPA | Year of Accrediation | Validity | |
| | | | | Period From | Period To |
| 1 | B++ | 2.77 | 2018 | 02-Nov-2018 | 01-Nov-2023 |

| | |
|---|-------------|
| 6. Date of Establishment of IQAC | 04-Jun-2015 |
|---|-------------|

| |
|---|
| 7. Internal Quality Assurance System |
|---|

| 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 |
| | | |

| | | |
|--|------------------|----|
| Seminar on Expectations of IT industry | 29-Jun-2017 1 | 90 |
| View File | | |

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 | NSS | CEG | 2018 7 | 20000 |
| View File | | | | |

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 :

5

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

20000

Year

2018

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

One day Training Program on Phonetics Training on Art of SMART work CO, PO attainment Training Program Seminar on Effective utilization of ICT Workshop on improving the Student Mentor relation Orientation Course for Newly joined Faculties Soft Skills Training for Lab Instructors Short Term course on Reaching The Unreached among Learners

[View File](#)

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 | Refer attachment |
| To conduct more career development activities | Students got their placement |
| Apply for Pragati Scholarship (female students) from AICTE | 13 students got the pragati scholarship |
| Preparation for submission of Annual Survey Report of Higher Education. | Submitted the report successfully |
| Purchase of lab equipment for different departments | Lab Equipments were purchased as per resolutions of the Purchase and Finance Committee |
| Insist more ICT usage | More faculties have submitted their videos |
| Encourage the extension activities of NSS, YRC, Rotaract etc | More activities are conducted by the institution |
| To encourage the students to participate in various technical competitions | More students had participated in various competitions and showed their talents |
| Conduct activities based on gender issues | Sexual Harassment free campus |
| Improvement of I2C PSVPEC activities | More activities are conducted |
| View File | |

| | |
|--|---|
| 14. Whether AQAR was placed before statutory body ? | No |
| 15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ? | No |
| 16. Whether institutional data submitted to AISHE: | Yes |
| Year of Submission | 2018 |
| Date of Submission | 16-Feb-2018 |
| 17. Does the Institution have Management Information System ? | Yes |
| If yes, give a brief descripton and a list of modules currently operational (maximum 500 words) | YES. Strategy Type and 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. More applications had been submitted for getting funds for the projects. Faculty members are insisted and rewarded for publishing 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 Village cleaning, Awareness on cancer, fire accidents, water management, health awareness, female infanticides, road safety, tobacco consumption and drug usage, helping school students and orphanage, hands on training, tree plantation 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 employability/entrepreneurship | Skill Development |
|-------------|---|-----------------------|----------|---|-------------------|
| | IT-ECOM-COURSE ON E-COMMERCE TECHNOLOGIES | 17/01/2018 | 45 | Employability | Skill development |
| | IT-CS-COURSE ON CYBER SECURITY | 05/06/2017 | 18 | Employability | Skill development |
| | SHMF-Mathematical Foundation | 11/09/2017 | 45 | Employability | Skill development |
| | SH-OT-OPTIMIZATION TECHNIQUES | 27/01/2018 | 21 | Employability | Skill development |
| | SH-ITNS-Introduction to Nano Science | 14/05/2018 | 6 | Employability | SKILL DEVELOPMENT |
| | MECH-DOJAF-COURSE ON DESIGN OF JIGS AND FIXTURE | 28/05/2018 | 12 | Employability | Skill development |
| | MECH-CPAI-COURSE ON CNC PROGRAMMING AND INTERFACING | 14/05/2018 | 10 | Employability | Skill development |
| | MECH-CADPROE-COURSE ON CAD - PROE | 18/12/2017 | 8 | Employability | SKILL DEVELOPMENT |
| | MECH-GDT-COURSE ON GEOMETRIC DIMENSIONING AND TOLERANCING | 11/12/2017 | 12 | Employability | SKILL DEVELOPMENT |
| | EEE-ECAD-COURSE ON Electrical | 15/02/2018 | 7 | Employability | SKILL DEVELOPMENT |

| CAD | | | | | |
|---|------------|----|-------------------|----------------------|--|
| EEE-PCBD- Training Course on PCB Design | 26/03/2018 | 35 | Employabilit y | SKILL DEVELOPMENT | |
| EEE-PSSP-Cee rtificate Course on Power system Solar panel | 05/06/2017 | 10 | EMPLOYABILIT Y | SKILL DEVELOPMENT | |
| ECE-LS-LED SERVICING | 01/07/2017 | 30 | EMPLOYABILIT Y | SKILL DEVELOPMENT | |
| ECE-ESD- EMBEDDED SYSTEM DESIGN | 02/02/2018 | 30 | EMPLOYABILIT Y | SKILL DEVELOPMENT | |
| ECE-PH- PHOTONICS | 16/10/2017 | 30 | Employabilit y | Skill development | |
| MBA-MSS- Management Support System | 01/09/2017 | 30 | Employabilit y | Skill development | |
| MBA-EBM-E- Business Management | 02/05/2018 | 30 | Employabilit y | Skill development | |
| MBA-LSD-Life Skill Development | 05/02/2018 | 30 | Employabilit y | Skill development | |
| CSE-PYT- COURSE ON PYTHON | 19/06/2017 | 45 | Employabilit y | Skill development | |
| CSE-WD- COURSE ON WEB DESIGN | 18/01/2018 | 43 | Employabilit y | Skill development | |
| ECE-ACMOSD- ANALOG CMOS DESIGN | 20/11/2017 | 30 | EMPLOYABILIT Y | SKILL DEVELOPMENT | |
| ECE-AUA- AUTOMATION USING ARDUINO | 12/02/2018 | 30 | EMPLOYABILIT Y | SKILL DEVELOPMENT | |
| C-ACAD-Archi tecture CAD | 06/12/2017 | 7 | EMPLOYABILIT Y | SKILL DEVELOPMENT | |
| C-DCCM- Design and Control of Concrete Mixture | 18/12/2017 | 7 | EMPLOYABILIT Y | SKILL DEVELOPMENT | |
| C-RRT- Renovation and Repair | 28/05/2018 | 7 | EMPLOYABILIT Y | SKILL DEVELOPMENT | |

| | | | | | |
|---------------------------------------|------------|----|-------------------|----------------------|--|
| Techniques | | | | | |
| C-MT- Material Testing | 14/05/2018 | 7 | EMPLOYABILIT Y | SKILL DEVELOPMENT | |
| CSE-ML- Machine Learning | 28/08/2017 | 30 | EMPLOYABILIT Y | SKILL DEVELOPMENT | |
| CSE-AD-Agile Development | 03/02/2018 | 30 | EMPLOYABILIT Y | SKILL DEVELOPMENT | |
| IT-ST- Software Testing | 28/08/2017 | 30 | EMPLOYABILIT Y | SKILL DEVELOPMENT | |
| IT-PDS- Python For Data Science | 03/02/2018 | 30 | EMPLOYABILIT Y | 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 | 03/07/2017 |
| View File | | |

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 | 03/07/2017 |
| BE | Computer science Engineering | 03/07/2017 |
| BE | Electrical and Electronics Engineering | 03/07/2017 |
| BE | Electronics and communication Engineering | 03/07/2017 |
| BE | Mechanical Engineering | 03/07/2017 |
| BTech | Information Technology | 03/07/2017 |
| MBA | Master of Business Administration | 03/07/2017 |
| BE | Civil Engineering | 18/12/2017 |
| BE | Computer Science Engineering | 18/12/2017 |
| BE | Electrical and Electronics Engineering | 18/12/2017 |
| BE | Electronics and Communication Engineering | 18/12/2017 |
| BE | Mechanical Engineering | 18/12/2017 |
| BTech | Information technology | 18/12/2017 |
| MBA | Master of Business Administration | 18/12/2017 |

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

| | Certificate | Diploma Course |
|--------------------|-------------|----------------|
| Number of Students | 2114 | 0 |

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 |
|---|----------------------|-----------------------------|
| VACCSEAAD17 - ANDROID APPLICATION DEVELOPMENT | 05/06/2017 | 54 |
| View File | | |

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 | 117 |
| View File | | |

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 |
|--|
| <p>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</p> |

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 | 22 | 18 |
| View File | | | | |

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 |
|------|---|---|---|---|--|
| 2017 | 1384 | 43 | 137 | 11 | 6 |

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 | Numberof smart classrooms | E-resources and techniques used |
|--|---|-----------------------------------|----------------------------------|---------------------------|---------------------------------|
| 154 | 154 | 7 | 42 | 4 | 7 |
| View File of ICT Tools and resources | | | | | |
| View File of E-resources and techniques used | | | | | |

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 |
|--|-----------------------------|-----------------------|
| 1427 | 154 | 9266 |

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 |
|-----------------------------|-------------------------|------------------|--|--------------------------|
| 139 | 154 | 0 | 44 | 43 |

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 |
|---------------|---|-------------|--|
| 2017 | Dr. Balakumar | Professor | EliteSilver-Computer Architecture |
| 2017 | refer attachment | Lecturer | refer attachment |

[View File](#)

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 | 22/01/2018 | 05/02/2018 |

[View File](#)

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://psypec.in/agar/2017%20-%2018/learno.html>

2.6.2 – Pass percentage of students

| Programme Code | Programme Name | Programme Specialization | Number of students appeared in the | Number of students passed in final year | Pass Percentage |
|----------------|----------------|--------------------------|------------------------------------|---|-----------------|
|----------------|----------------|--------------------------|------------------------------------|---|-----------------|

| | | | | | |
|---------------------------|----|-------|------------------------|-------------|-------|
| | | | final year examination | examination | |
| 103 | BE | civil | 51 | 47 | 92.16 |
| View File | | | | | |

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://www.psvpec.in//aqar/2017%20-%2018/2017%20-%202018%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 |
|---------------------------|----------|----------------------------|------------------------|---------------------------------|
| Major Projects | 365 | ORBIT CONTROL AND SERVICES | 2 | 2 |
| View File | | | | |

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 Capital Budgeting | MBA | 25/11/2017 |
| Seminar on Mutual Fund | MBA | 24/01/2018 |
| Seminar on Squeeze Casting | MECH | 07/02/2018 |
| Seminar on Refrigeration and Air Conditioning | MECH | 12/03/2018 |
| Seminar on Smart Pneumatics | MECH | 18/11/2017 |
| Seminar on Special Material For High Temperature Applications | MECH | 19/08/2017 |
| Workshop on Recent Advances in Civil Engineering | CIVIL | 21/10/2017 |
| Workshop on Building Information Modeling (BIM) | CIVIL | 22/02/2018 |
| Workshop on JAVA AND TESTING TOOL | CSE IT | 23/09/2017 |
| Workshop on Satellite Image Processing | ECE | 21/10/2017 |
| Workshop on Robotics Embedded System | ECE | 22/02/2018 |

| | | |
|--|--------------------|------------|
| A Workshop on PSPICE for Electrical Engineering | EEE | 02/02/2018 |
| A Workshop on Real time simulation of power system | EEE | 24/03/2018 |
| A Workshop on Printed Electronics | EEE | 29/07/2017 |
| A Workshop on Industrial Drives | EEE | 07/10/2017 |
| Workshop on Digital Transformation in Business | MBA | 20/10/2017 |
| Workshop on Recent Trends in Finance | MBA | 26/02/2018 |
| A Workshop on Alternate Fuels | MECH | 12/02/2018 |
| A Workshop on Solar Power Towers | MECH | 29/07/2017 |
| Symposium EEE-TACHTRONICS-2k17 | EEE | 01/08/2017 |
| Symposium CSE-INNOVIX-2k17 | CSE | 01/08/2017 |
| Symposium IT-INCEPTRA2K17 | IT | 01/08/2017 |
| Symposium ECE-GLANZKRIEG'17 | ECE | 01/08/2017 |
| Symposium MECH-YANTREX-2K17 | MECH | 01/08/2017 |
| Symposium MBA- KRIYA-2K17 | MBA | 01/08/2017 |
| Symposium CIVIL-IMEXA-2017 | CIVIL | 01/08/2017 |
| Seminar on Expectations of IT industry | IQAC, IT | 29/06/2017 |
| Workshop on Indian Patent Management System and Rights | RD, IQAC, ECE | 18/07/2017 |
| Faculty development Program on IPR and Innovation | RD cell, IQAC, MBA | 29/07/2017 |
| Workshop on Industrial innovation and leadership | RD cell, IQAC, EEE | 18/08/2017 |
| Two day Workshop on Control of special electrical Machines | IQAC, EEE | 04/09/2017 |
| Workshop on IPR and evaluation | RD cell, IQAC, MBA | 16/09/2017 |
| Seminar on product development process in | MECH, IQAC | 13/10/2017 |

| | | |
|--|----------------------|------------|
| industries | | |
| Seminar on Product design planning for customer needs | MECH, IQAC | 28/10/2017 |
| Workshop on IPR and Quality Assurance in higher education | RD CELL, IQAC, IT | 17/11/2017 |
| Seminar on Recent trends in Electrical Drives its Application | EEE, RD, IQAC | 30/11/2017 |
| Seminar-Energy Conservation in industries | MECH, IQAC | 06/12/2017 |
| Career development for industrial product design | Mech IQAC | 27/12/2017 |
| Workshop on current trends in IT industry | IT IQAC | 20/01/2018 |
| Seminar on Opportunities in Industries for Engineers | Mech IQAC | 17/02/2018 |
| Seminar for Entrepreneurship and opportunities | RD cell, IQAC, CIVIL | 29/03/2018 |
| Guest Lecture on Foundation Engg | CIVIL | 09/09/2017 |
| Guest Lecture on Fastrack your career in CADD, CADD centre | CIVIL | 13/12/2017 |
| Placement Opportunities in Construction Industry | CIVIL | 16/12/2017 |
| Guest Lecture on Remote sensing and GIS | CIVIL | 27/01/2018 |
| Guest Lecture on UML Diagrams - What How ? | CSE IT | 22/09/2017 |
| Guest Lecture on Internet of Things | CSE IT | 25/09/2017 |
| Guest Lecture on Big Data Analytics.Challenges and Opportunities | CSE IT | 21/12/2017 |
| Guest Lecture on Design of Combinational Circuits | ECE | 27/12/2017 |
| Guest Lecture on VLSI Testing of VLSI | ECE | 23/12/2017 |
| Guest Lecture on Diversity in Wireless Communication | ECE | 05/01/2018 |
| Guest Lecture on Fundamentals of Transmission Lines | ECE | 25/01/2018 |

| | | |
|--|--------|------------|
| Guest Lecture on Power converter for renewable energy systems | EEE | 15/12/2017 |
| Guest Lecture on Transmission system planning basic power flow | EEE | 19/09/2017 |
| Guest Lecture on Energy conservation techniques | EEE | 28/12/2017 |
| Guest Lecture on Best HR Practices and Emerging Trends | MBA | 14/03/2018 |
| Guest Lecture on Testing In Web Applications | CSE IT | 03/01/2018 |
| Guest Lecture on Strategic Management | MBA | 14/07/2017 |
| Guest Lecture on Finite Element Analysis | MECH | 16/12/2017 |
| Guest Lecture on Material Science and Engineering | MECH | 21/06/2017 |
| Guest Lecture on Abrasive Water Jet Machining | MECH | 29/12/2017 |
| Guest Lecture on Gas Power Cycle | MECH | 30/12/2017 |
| Seminar on Thermal Expansion Of Concrete | CIVIL | 12/08/2017 |
| Seminar on Research methodology | CIVIL | 13/02/2018 |
| Seminar on SUCCESS FACTORS FOR MODERN TECHNOLOGY CAREERS | CSE IT | 05/01/2018 |
| Seminar on CLOUD COMPUTING | CSE IT | 15/03/2018 |
| Seminar on Human Robot Interaction | ECE | 13/02/2018 |
| Seminar on FPGA in Space | ECE | 18/08/2017 |
| A Seminar on Performance of 400 kV line insulators under pollution | EEE | 14/03/2018 |
| A Seminar on Introduction to EDA tools for PCB Design | EEE | 18/10/2017 |
| A Seminar on Nuclear Power Plants | EEE | 19/08/2017 |
| A Seminar on Electrical Vehicle Design | EEE | 24/01/2018 |

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 |
|-------------------------|-----------------|-----------------|---------------|----------|
|-------------------------|-----------------|-----------------|---------------|----------|

| | | | | |
|------------------------------|-------------------|-----------------|------------|---------|
| Guest Lecture - appreciation | Mr.N.Rajiv Gandhi | Vels University | 10/03/2018 | Teacher |
| View File | | | | |

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 | Research Centre | Institution | Bike for Disabled | Small scale prototype | 23/03/2018 |
| View File | | | | | |

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

| State | National | International |
|-------|----------|---------------|
| 4 | 4 | 168 |

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

| Name of the Department | Number of PhD's Awarded |
|------------------------|-------------------------|
| nil | 0 |

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 | 6 | 5.8 |
| View File | | | |

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 |
|---------------------------|-----------------------|
| CIVIL | 5 |
| ECE | 2 |
| MBA | 2 |
| MECH | 1 |
| Science Humanities | 6 |
| EEE | 7 |
| CSE | 2 |
| IT | 20 |
| View File | |

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 |
|--------------------------|----------------|------------------------|---------------------|----------------|---|---|
| Modified SEPIC converter | Kesavan, Rupa | 7th IEEE International | 2018 | 0 | PRINCE SHRI VENKA TESHWARA | 0 |

| | | |
|---|---|--------------------------------|
| based PV Inverter for Power Quality Improvement | Conference on Computation of Power, Energy, Information and Communication | PADMAVATHY ENGINEERING COLLEGE |
| View File | | |

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 |
|--|----------------|--|---------------------|---------|---|---|
| Modified SEPIC converter based PV Inverter for Power Quality Improvement | Kesavan, Rupa | 7th IEEE International Conference on Computation of Power, Energy, Information and Communication | 2018 | 0 | 0 | PRINCE SHRI VENKA TESHWARA PADMAVATHY ENGINEERING COLLEGE |
| View File | | | | | | |

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

| Number of Faculty | International | National | State | Local |
|-----------------------------|---------------|----------|-------|-------|
| Attended/Seminars/Workshops | 2 | 4 | 5 | 13 |
| Presented papers | 20 | 2 | 1 | 13 |
| Resource persons | 1 | 11 | 2 | 3 |
| View File | | | | |

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 |
|---|--|--|--|
| "SWACHH BHARATH ABHIYAN" - Village cleaning in Ponmar | NSS | 19 | 170 |
| View File | | | |

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 |
|----------------------|-------------------|-----------------|------------------------------|
|----------------------|-------------------|-----------------|------------------------------|

| | | | |
|---------------------------|-----------------------------|-----------|----|
| Stationary Distribution | Certificate of Appreciation | Orphanage | 50 |
| View File | | | |

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 |
|---------------------------|---|----------------------|--|--|
| Awareness, Rally etc | NSS, YRC, Rotaract etc | Awareness, Rally etc | 483 | 2111 |
| View File | | | | |

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 | Mrs. A.S.Valarmathy | Best Group of Companies | 1 |
| View File | | | |

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 |
|---------------------------|----------------------|---|---------------|-------------|-------------|
| IPT | IPT | BHARAT READY MIX CONCRETE | 24/01/2018 | 24/01/2018 | 60 |
| View File | | | | | |

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 |
|----------------------------------|--------------------|-----------------------------|---|
| REDHAT INDIA PRIVATE LIMITED | 04/09/2017 | TRAINING, LECTURE | 245 |
| VI MICRO SYSTEMS PRIVATE LIMITED | 03/01/2018 | TRAINING, SEMINAR, WORKSHOP | 458 |
| No file uploaded. | | | |

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 |
|--|--|
| 186 | 179.5 |

4.1.2 – Details of augmentation in infrastructure facilities during the year

| Facilities | Existing or Newly Added |
|---|-------------------------|
| Campus Area | Existing |
| Class rooms | Existing |
| Laboratories | Existing |
| Seminar Halls | Existing |
| 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 |
| Classrooms with Wi-Fi OR LAN | Newly Added |
| 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 |
|---------------------------|---|---------|--------------------|
| Autolib | Fully | 6 | 2015 |
| PSVPEC BRS | Fully | 1 | 2017 |
| PSVPEC BRS | Fully | 2 | 2018 |

4.2.2 – Library Services

| Library Service Type | Existing | | Newly Added | | Total | |
|----------------------|----------|---------|-------------|---------|-------|---------|
| | | | | | | |
| Text Books | 15839 | 5137129 | 7592 | 1831894 | 23431 | 6969023 |
| Reference Books | 2700 | 810000 | 350 | 105000 | 3050 | 915000 |
| e-Books | 55 | 0 | 45 | 0 | 100 | 0 |
| Journals | 20 | 38142 | 18 | 34308 | 38 | 72450 |
| e-Journals | 600 | 0 | 120 | 0 | 720 | 0 |
| CD & Video | 100 | 0 | 200 | 0 | 300 | 0 |
| Library Automation | 13 | 390000 | 12 | 812400 | 25 | 1202400 |
| Others (specify) | 75 | 0 | 40 | 0 | 115 | 0 |

[View File](#)

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 |
|---------------------|---|---------------------------------------|-----------------------------|
| Mr.C.Santhosh Kumar | Highway Engineering - Introduction to Highway Engineering | Institutional LMS | 11/08/2017 |

[View File](#)

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 | 700 | 600 | 25 | 10 | 25 | 7 | 8 | 40 | 0 |
| Added | 25 | 30 | 5 | 5 | 5 | 3 | 2 | 5 | 0 |
| Total | 725 | 630 | 30 | 15 | 30 | 10 | 10 | 45 | 0 |

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

45 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 | http://psvpec.in/e-content.html |

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 |
|--|--|--|--|
| 404.5 | 370.2 | 114.7 | 109.2 |

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/2017%20-%2018/4.4.2%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 | 792 | 7960000 |
| Financial Support from Other Sources | | | |
| a) National | Post metric, BC/MBC, FG, Pragati and non government Scholarship | 931 | 15202985 |
| b) International | nil | 0 | 0 |
| View File | | | |

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 |
|---|-----------------------|-----------------------------|--------------------------------------|
| SOFT SKILL DEVELOPMENT | 22/06/2017 | 419 | Focus Academy for Career Enhancement |

[View File](#)

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 |
|------|---------------------------------------|--|--|--|---------------------------|
| 2017 | GUIDANCE FOR COMPETITIVE EXAMINATIONS | 94 | 0 | 35 | 359 |
| 2018 | GUIDANCE FOR COMPETITIVE EXAMINATIONS | 94 | 0 | 35 | 359 |
| 2017 | SOFT SKILL DEVELOPMENT | 0 | 419 | 35 | 359 |
| 2018 | SOFT SKILL DEVELOPMENT | 0 | 419 | 35 | 359 |
| 2017 | CAREER COUNSELING | 0 | 419 | 35 | 359 |
| 2018 | CAREER COUNSELING | 0 | 419 | 35 | 359 |

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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 |
|---------------------------|--------------------------------|---|
| 30 | 30 | 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 |
| KAAR TECH | 124 | 1 | JASMINE | 90 | 1 |

[View File](#)

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 |
|------|--|--------------------------|---------------------------|----------------------------|-------------------------------|
| 2018 | 1 | BE | ECE | NIT, PONDICHERRY | M. Tech |

[View File](#)

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 | 1 |
| No file uploaded. | |

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

| Activity | Level | Number of Participants |
|--------------------------------|-----------|------------------------|
| 100 METER RUNNING FRESHER BOYS | INSTITUTE | 41 |
| View File | | |

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 |
|---------------------------|-------------------------|------------------------|-----------------------------|-------------------------------|-------------------|---------------------|
| 2018 | Man of the Match | National | 1 | 0 | 4117151060 56 | M.Naresh |
| View File | | | | | | |

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:

169

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

156900

5.4.4 – Meetings/activities organized by Alumni Association :

- The meet took place in the year 2017 for the Alumni of 2012-2016 passed out batch on 8.04.2017. The gathering took place at PSVPEC Auditorium hall, with

around 169 Alumni members from the passed out batch. • Ms.S.Kavya, ECE Dept, (2013-2017) said the pre-placement Talk conducted on 17.9.16 was impressive and helpful in her career. • Mr.Rahul Pradeep, CSE Dept, (2013-2017) thanked for conducting career guidance which was helpful in preparing for technical interview questions and also for boosting my confidence level. • Mr. S.SriSathirapathy, Secretary discussed about the next Alumni Association meeting on 03.01.2018. • Mr.Muhil Kennedy, SAP Labs India, has assured for giving Pre-Placement Training on 9.09.2017. • Mr. S.SriSathirapathy, Secretary discussed about the next Alumni meet for the academic year 2018-2019 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

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 |
|-----------------------|--|
| 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.

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.

Examination and Evaluation

The institution has a centralized examination cell is 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.

Teaching and Learning

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.

Curriculum Development

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.

Library, ICT and Physical Infrastructure / Instrumentation

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.

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.

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.

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.

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

| E-governance area | Details |
|--------------------------|--|
| Planning and Development | Construction and renovation of new buildings, maintenance of existing infrastructure, purchase of new computers and new equipments |
| Administration | 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. |
| Finance and Accounts | 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. |
| 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 |
|------|--------------------------------|---|--|-------------------|
| 2017 | Mrs. D. Little Femilin Jana | A One-Day International Seminar on Higher Mathematics , 12th September, 2017. LIMCOS, Loyola College, Chennai , Tamil Nadu, India | - | 1000 |

[View File](#)

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) |
|---------------------------|--|---|------------|------------|---|---|
| 2017 | One day Training Program on Phonetics | - | 09/09/2017 | 09/09/2017 | 3 | 0 |
| View File | | | | | | |

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 |
|---|---------------------------------|------------|------------|----------|
| FDTP on Soil Mechanics | 3 | 27/11/2017 | 01/12/2017 | 5 |
| View File | | | | |

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

| Teaching | | Non-teaching | |
|-----------|-----------|--------------|-----------|
| Permanent | Full Time | Permanent | Full Time |
| 166 | 166 | 35 | 35 |

6.3.5 – Welfare schemes for

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

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 other agencies | 18355600 | Institution development other activities |
| View File | | |

6.4.3 – Total corpus fund generated

| |
|-----------|
| 168211405 |
|-----------|

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 | IQAC members |
| Administrative | Yes | Auditor | Yes | IQAC members |

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

| |
|---|
| <ul style="list-style-type: none"> • Create healthy academic and institutional growth • Maintain good discipline and high academic standards • Guest lecture by the parents working in industries • Provide some amenities needed by the students |
|---|

6.5.3 – Development programmes for support staff (at least three)

| |
|---|
| 1. Building a Lifetime of opportunity for Women and Girls 2. Special Talk On Role Of Women, Women NGO's And Movements In Transitional Processes Towards Democracy 3. Guest Lecture on Gender Sensitization 4. Training on Art of SMART work 5. Soft Skills Training for Lab Instructors |
|---|

6.5.4 – Post Accreditation initiative(s) (mention at least three)

| |
|---|
| <ul style="list-style-type: none"> • Improvements in value added courses and certificate courses • Promotion of |
|---|

research and attending conference, workshop, faculty development programs etc, membership by faculties • Improvements in participation in various technical competitions • Conducting more IPR and innovation related activities with I2C • Encouraging students to attend more workshop, seminar, conference etc. • Improvements in extension activities

6.5.5 – Internal Quality Assurance System Details

| | |
|--|-----|
| a) Submission of Data for AISHE portal | Yes |
| b) Participation in NIRF | Yes |
| 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 |
|---------------------------|--|-------------------------|---------------|-------------|------------------------|
| 2017 | Workshop on Indian Patent Management System and Rights | 30/06/2017 | 18/07/2017 | 18/07/2017 | 110 |
| 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 |
| Building a Lifetime of opportunity for Women and Girls | 23/09/2017 | 23/09/2017 | 598 | 400 |
| Group discussion on "A cause for increasing divorce in India" | 09/02/2018 | 09/02/2018 | 13 | 7 |
| Rally against female infanticide | 23/02/2018 | 23/02/2018 | 37 | 90 |
| International Women's Day Celebration - 2018 | 08/03/2018 | 08/03/2018 | 295 | 47 |
| Special Talk On Role Of Women, Women NGO's And Movements In Transitional | 09/03/2018 | 09/03/2018 | 461 | 31 |

| | | | | |
|---------------------------------------|------------|------------|-----|----|
| Processes Towards Democracy | | | | |
| Guest Lecture on Gender Sensitization | 16/03/2018 | 16/03/2018 | 387 | 28 |
| International Mother's Day 2018 | 12/05/2018 | 12/05/2018 | 249 | 40 |

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 |
| 45.3 |

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 | Yes | 2 |
| Rest Rooms | Yes | 2 |
| Scribes for examination | Yes | 0 |
| 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 |
|------|--|--|------------|----------|---|-------------------|--|
| 2017 | 1 | 1 | 01/06/2017 | 1 | Career Guidance Program for Prince Matriculation School Students, Madipakka m | Skill Development | 200 |

[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) |
|-------|---------------------|--------------------------|
|-------|---------------------|--------------------------|

| | | |
|------------------------------|------------|--|
| CODE OF CONDUCT FOR HOD | 01/06/2017 | <ul style="list-style-type: none"> • 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 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 counselors so as to meet the needs of students suffering from the effects of stress and peer pressure. |
| CODE OF CONDUCT FOR STUDENTS | 01/06/2017 | <ul style="list-style-type: none"> • Students are expected not to involve in any political party and are not supposed to influence the fellow students to |

| | | |
|---|-------------------|--|
| | | <p>indulge supporting any political party or political campaign. • 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 • Students should not involve in ragging and sexual harassment activities • All the rules to be followed in the library is specified • Students shall not involve in any political party. • Students are not supposed to influence the fellow students to indulge supporting any political party or political campaign. • No student shall involve in the falsification of documents to be submitted to the institution or revealed to the society on representing the institution. • 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. • The student shall represent the institution in societal activities with proper approval and sanction of the head of the institution.</p> |
| <p>CODE OF CONDUCT FOR TEACHING FACULTIES</p> | <p>01/06/2017</p> | <p>• 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. • All faculty of the college should maintain harmonious relations with other staff and students •</p> |

| | | |
|---|-------------------|---|
| | | <p>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. • Report their resumption of duty promptly. • 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 counselors so as to meet the needs of students suffering from the effects of stress and peer pressure.</p> |
| <p>CODE OF CONDUCT FOR NON-TEACHING FACULTIES</p> | <p>01/06/2017</p> | <p>• Any unexpected breakdowns of Lab Machines / Equipment must be reported immediately to the teaching staff in-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</p> |

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 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

7.1.6 – Activities conducted for promotion of universal Values and Ethics

| Activity | Duration From | Duration To | Number of participants |
|--|---------------|-------------|------------------------|
| VACSHESNR17 - ENVIRONMENT AND SUSTAINABILITY - NATURAL RESOURCES | 04/09/2017 | 13/10/2017 | 97 |

[View File](#)

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 Outcome Based Education (OBE) in Teaching-Learning Process Objectives: • To calculate the PO attainment to understand the success of teaching-learning process • To increase the students involvement in the learning process • To use the teaching pedagogy for effective teaching • To prepare the students to meet the global demands in technological implementation and innovation through research Implementation The institute has well defined Program outcomes, Program specific outcomes and Course outcomes for all Programs offered by the institution. Process of Communication of POs, PSOs, PEOs and COs: 1) The defined POs, PSOs and COs are displayed in the college website for respective programmes (www.psvpec.in) for communicating to faculties and students 2) Display boards in HODs cabin, faculty room, class rooms, seminar halls and laboratories. 3) Displayed at notice boards. 4) Available in documents like Brochures, Newsletters and magazines, Parent communication letter, Lab manuals and records, Attendance and Assessment Record (AAR), Student Profile and Progress Report, Course file of faculty 5) It is discussed with the students and faculty members through the following ways, Class Committee Meeting HODs Meeting PAC Meeting DAAC Meeting Parents Meeting AAR is the means of communication of the mechanism to the staff. The communication includes Syllabus - the staff specifies course outcomes for each course based on the syllabus, program outcomes and the program specific outcomes for the program and relates the program outcomes with the index of program outcomes. A measure of contribution of the above indices of the course objective is done. The staff forms the means of communication of the mechanism to the students. Students' attendance and performance in internal assessments are also noted in noted in the record. An ATTENDANCE AND ASSESSMENT RECORD for each student is maintained and all the details including the attendance, his/her performance in class tests, internal assessments and end semester results along with their Cumulative Grade Point Aggregate (CGPA) are recorded. The log book is shown to the parents during parent teacher meeting. Submissions of assignments, his/her behavior are also monitored. As a result, good results are obtained by the students in University examination and got placed in core and IT companies. Best Practice - 2: Extension Activities: --- The institution encourages promotion of community service through setting-up of various forums and cells to guide the students in these directions. Some of the initiatives are Youth Red Cross, Rotaract Clubs, National Service Scheme, etc. The Institution makes efforts in grooming students with Social Responsibility through NSS, YRC and Rotaract clubs. PSVPEC students take active part in the social activities and imbibe social responsibility, acquire team spirit and leadership qualities so that, they serve the society and the nation with

harmony. Extension activities of NSS, YRC, Rotaract Club etc., 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 NSS unit "SWACHH BHARATH ABHIYAN" - Village cleaning in Ponmar 19 170 SH - in association with Tagore medical college ECO club Awareness about cancer 42 73 Rotaract club Awareness program for safety precautions from fire accidents on Diwali 36 69 Eco club Awareness program on Water management 29 89 Rotaract club in association with Tagore medical college Awareness programme about the effects of tobacco consumption 43 114 NSS unit in collaboration with Lions Club Blood Donation camp 27 89 YRC and Rotaract clubs of PSVPEC Cleaning of Ponmar Pool 21 59 CSE IT department Computer training to Ponmar School students 20 69 NSS unit with Tagore Dental College Dental camp 34 162 YRC club Door to Door Campaign Programme to create awareness on Dengue Fever 41 78 Eco club Hands on training for herbal products preparation (Soap, shampoo) 13 79 NSS unit HEALTH AWARENESS RALLY - Swachhata Hi Sewa at Mambakkam 30 300 NSS unit - Contribution by Prince Educational Society Note books and stationary distribution to school students - Gowrivakkam School 24 56 Women Empowerment Cell Rally against female infanticide 38 89 Chennai Traffic police - NSS Road Safety Awareness Camp-Medavakkam 6 100 Shakespeare club Spoken english class 4 96 EEE department Training on house wiring at Madhurapakkam village 10 42 Prince YRC club Tree plantation at Ponmar 34 78 NSS unit Tree Plantation- Melakkotaiyur 2 50 Prince NSS, YRC Rotaract Village cleaning - Mambakkam 3 97 YRC Rally against Drug Usage 5 102 YRC Rotaract Stationary Distribution to Orphanage 2 50

The outcome of the extension activities is that it should be integrated with innovative research on sensitizing societal problems and finding a solution. Our Institution has instilled in the minds of students the attitude and interest to care for the society. Achievements of our students through Innovations and Research in the past The following products were designed and fabricated by the students to address the practical problems faced: 1. Bike for the physically challenged 2. HybridTech 3. Green Car 4. Low cost and Eco-friendly air cooler 5. Fabrication of belt driven handicapped vehicle 6. Design and fabrication of self-propelled rice transplanter 7. Oil spill recovery system using magnetic ore Through these exposures the students understand the societal problems and sincere efforts are made by them to find a solution of certain problems. The Institution has visualized that the participation of students in extension activities do inculcate following values and quality in their growing personality complimenting their academic learning experiences in:

- Building of self confidence
- Development of inter personal skills
- Sense of responsibility toward society and the nation
- Helping and carrying attitude towards differently-able people
- Respect for nature and environmental protection needs
- Positive approach towards life
- Joint-man ship and sense of togetherness
- Protect the culture and heritage of our country

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/2017%20-%2018/7.2.1%20Best%20Practices%2017-18.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/2017%20-%2018/7.3.1%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 participation in ARIIA ranking •To get more fund from Government and Non Government Agencies • To improve the extension activities .To improve the Infrastructure facilities