

BEST PRACTICES FOR THE ACADEMIC YEAR 2017-2018

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 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.

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
Swachh Bharath	NSS unit	“SWACHH BHARATH ABHIYAN” - Village cleaning in Ponmar	19	170
Cancer	S&H - in association	Awareness about	42	73

Awareness Program	with Tagore medical college ECO club	cancer		
Safety Awareness Program - Fire due to crackers	Rotaract club	Awareness program for safety precautions from fire accidents on Diwali	36	69
Awareness program on Water management	Eco club	Awareness program on Water management	29	89
Awareness program by Rotaract	Rotaract club in association with Tagore medical college	Awareness programme about the effects of tobacco consumption	43	114
Blood Donation Camp	NSS unit in collaboration with Lions Club	Blood Donation camp	27	89
Village cleaning	YRC and Rotaract clubs of PSVPEC	Cleaning of Ponmar Pool	21	59
Training to School Students	CSE & IT department	Computer training to Ponmar School students	20	69
Dental camp	NSS unit with Tagore Dental College	Dental camp	34	162
Awareness on Dengue	YRC club	Door to Door Campaign Programme to create awareness on Dengue Fever	41	78
Hands on training	Eco club	Hands on training for herbal products preparation	13	79

		(Soap, shampoo)		
Health Awareness	NSS unit	HEALTH AWARENESS RALLY - Swachhata Hi Sewa at Mambakkam	30	300
Book Donation Campaign	NSS unit - Contribution by Prince Educational Society	Note books and stationary distribution to school students - Gowrivakkam School	24	56
Rally by WEC	Women Empowerment Cell	Rally against female infanticide	38	89
Road Safety Awareness Program	Chennai Traffic police - NSS	Road Safety Awareness Camp- Medavakkam	6	100
Spoken English Training	Shakespeare club	Spoken english class to School Students	4	96
Training to village people by EEE deparment	EEE department	Training on house wiring at Madhurapakkam village	10	42
Tree plantation	Prince YRC club	Tree plantation at Ponmar	34	78
Tree plantation	NSS unit	Tree Plantation- Melakkotaiyur	2	50
Village cleaning	Prince NSS, YRC & Rotaract	Village cleaning - Mambakkam	3	97
Drug Awareness	YRC	Rally against Drug Usage	5	102
Helping Orphanage	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. Hybrid Tech
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