

MES's Pillai College of Engineering, New Panvel

**A REPORT ON
PROJECT BASED LEARNING (PBL)**

**Academic Year 2018-2019 (Semester III)
Second Year Undergraduate Students of**

Computer Engineering Department

Objective—To enable the students to apply concepts of the present semester subjects (including those of previous semesters) in the form of a design project based on certain application. It is hoped that it shall eventually lead to a better learning experience as opposed to textbook learning. Separate topics are assigned to all students in groups (maximum 4-6 students per group) of the same year to enable healthy competition among the different teams. The students work in groups and assign and distribute various aspects of work so as to realize the project based on a timeline of about 2 to 3 months. Queries and doubts are clarified by interactions with the PBL coordinators and subject experts. Student groups submit the PBL report during their demonstrations on a specified date in front of the faculty members.

Judges for the PBL Demonstrations

All Computer and IT Engineering Faculty of the concerned class.

PBL Coordinators

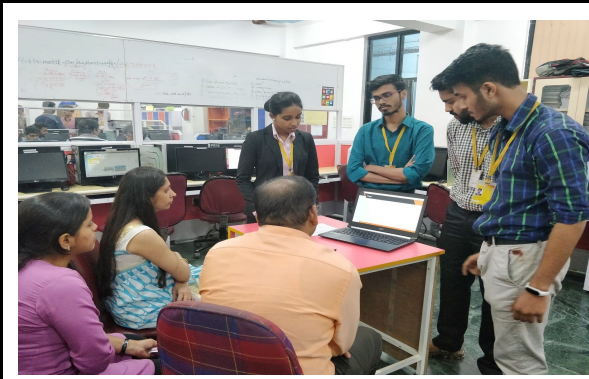
Division A	Prof. Harshal L
Division B	Prof. Ranjita G

PBL Topics:

1. Traffic Signal Demonstration using Applet
2. Contacts Manager
3. Application for school kids for Time & Currency Conversion for various Countries and to display its capital
4. Faculty Profile Generation
5. Find Best student of the year
6. Result Analysis of Students
7. I-CARD GENERATOR SYSTEM for Alegria
8. Develop a simple GUI based application for a Bank system.
9. Employee Leave Management System for college office
10. Tic Tac Toe Gaming Application in Java
11. Java Applet to display Analog Clock

Photos :





Winners list:

Topic : Faculty Profile Generation	
1	Joshi Dhrupad Umesh
2	Romax A.K Rajeev
3	Kuchik Sushrut Arun
4	Vaishya Vivekkumar Subhashchandra
5	Anupama Rai

Topic : Java Applet to display Analog Clock	
2	Nair Aditya
40	Pahwa Saurabh Rakesh

45	Patel Dhruv Navinchandra
18	Jagtap Anuj Mukund