

MES's Pillai College of Engineering, New Panvel

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

**Academic Year 2018-2019 (Semester VI)
Third Year Undergraduate Students of**

Information Technology 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

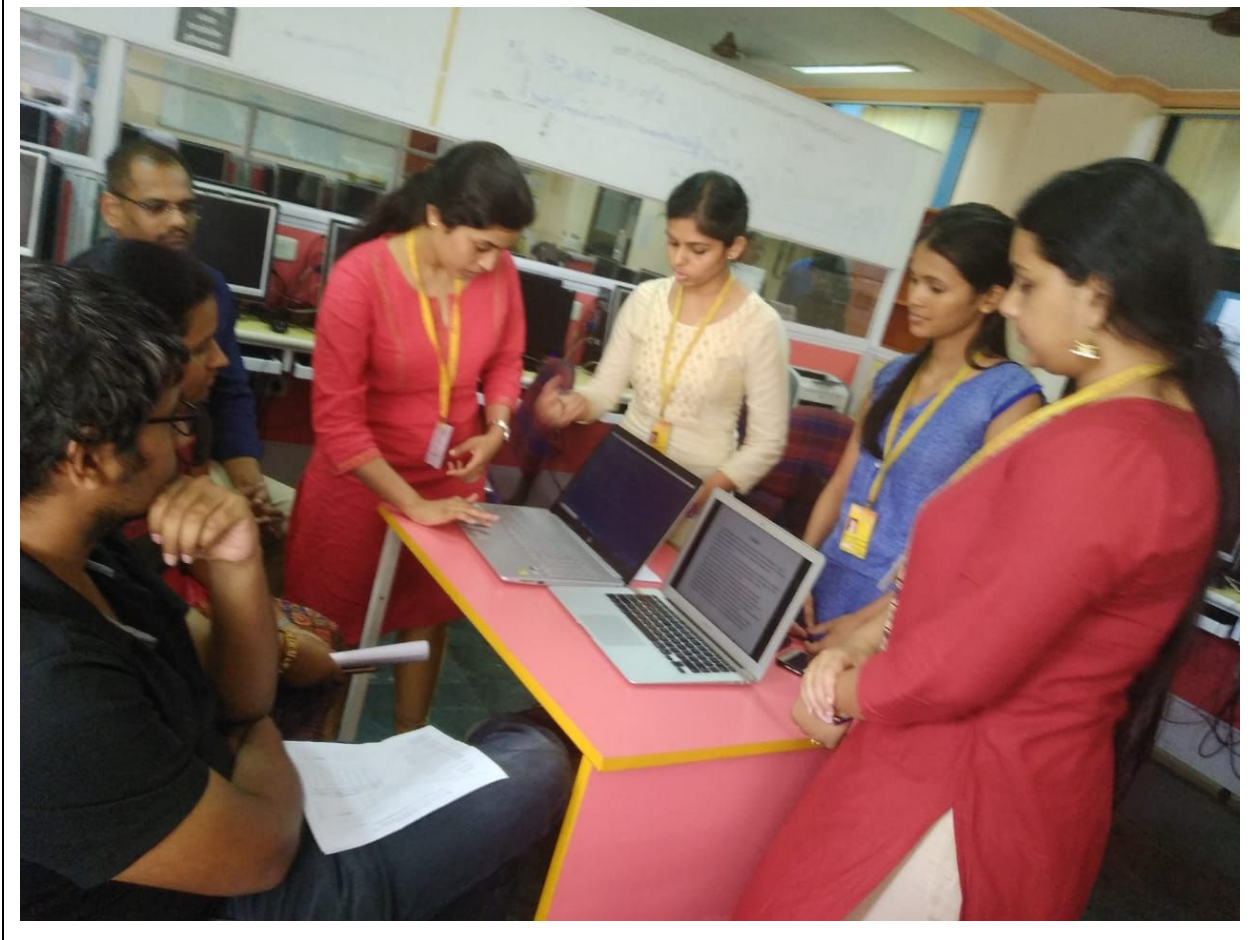
Division A	Prof. Dhiraj A.
Division B	Prof. Mimi C.

PBL Topics:

- DMBI Mini Projects
- WN Mini Projects

PBL TOPIC GROUP NAMES - A DIVISION SEM 6 2019										
Grp up No	ROLL NO	NAMES	PBL TOPIC	ABSTRACT	Seq.	Sign	Team Work (5)	Project Scope (5)	Domain Knowledge (5)	Social Impact (5)
1	36	shreya rayask	heart disease prediction using data mining	The healthcare industry collects large amounts of Healthcare data, but unfortunately no all the data are mined which is required for discovering hidden patterns and effective decision making. The Heart Disease Prediction application is an end user support and online consultation project. Here, we propose a web application that allows users to get instant guidance	1		3	4	3	4
	28	pradeep kshirsagar								
	26	pradnesh khedekar								
	25	prasad karad								
2	1	Arya Gopinath	IMDB score analysis using data minings	Based on the massive movie information, it would be interesting to understand what are the important factors that make a movie more successful than others. So, we would like to analyze what kind of movies are more successful, in other words, get higher IMDB score. In this project, we take almost 300 movie data into consideration. We analyse all the attributes present and classify them using different classifiers to find out which classifier gives more accuracy and the best output. The results can help film companies to	2		4	3	4	3
	2	Anindita Bhajan								
	6	Namrata Chetgiri								
	12	Kalpita Gawade								
3	53	Lovkesh Sharma	Loan prediction using data mining tool (Orange Tool)	Loan prediction is a challenge as predicting who should get the loan is difficult. The idea is to develop a smart application which will predict who should get the loan based on previous data of the loan takers. We are applying various classification technique to classify who should get the loan and who shouldn't	3		4	4	4	3
	43	Raj Rajeshwar Bajra								
	47	Rishi Kataria								
4	21	Nayan Joshi	Marathon Tracker	Marathon tracker is a system that tracks a runners marathon path to detect whether the runner completes the given path and does not try to cheat and cut down his path. This system works on checkpoints, wherein several checkpoints are held in different locations of the path. If the runner passes all	4		3	4	3	4
	22	Darshan Kadam								
	23	Sahil Kadu								
5	19	Jeet Jain	Football Player Market Value Prediction	Football player market value determines how much a club pays in order to have a player to sign the contract with the club. The value of a player is determined by the attributes of that player. We propose a system to use machine learning algorithms to predict the market	5		4	4	4	5
	20	Navin Joshi								
	31	Deepak Lad								
7	10	Abhishek Dhekane	Mountain Sharp Turns Accident Preventer	This system helps prevent accidents on sharp turns of a mountain. If two vehicles are approaching from opposite side on a sharp but blind curve, there's a high chance of an accident occurring at the turn. This system helps both the drivers by notifying them about an approaching vehicle on opposite side of mountain, via a signal.	6		4	4	4	3
	5	Rahul Chavan								
	4	Akshay Chavan								
	8	Tejas Choudhari								
8	38	Karishma Patil	Wine Quality Analysis using Orange Tool	Nowadays industries are using product quality certifications to promote their products. This is a time taking process and requires the assessment given by human experts which makes this process very expensive. Wine Quality analysis is done to understand the characteristics of wine and find ingredients contributing more for the quality. This proves that better prediction can be	7		4	4	4	4
	46	Lijo Jacob								
	49	Aashira Nair								
	51	Aishwarya Patil								

Photos:



Winners list:

Not yet announced