A REPORT ON
PROJECT BASED LEARNING (PBL)

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

IT 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 3-5 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

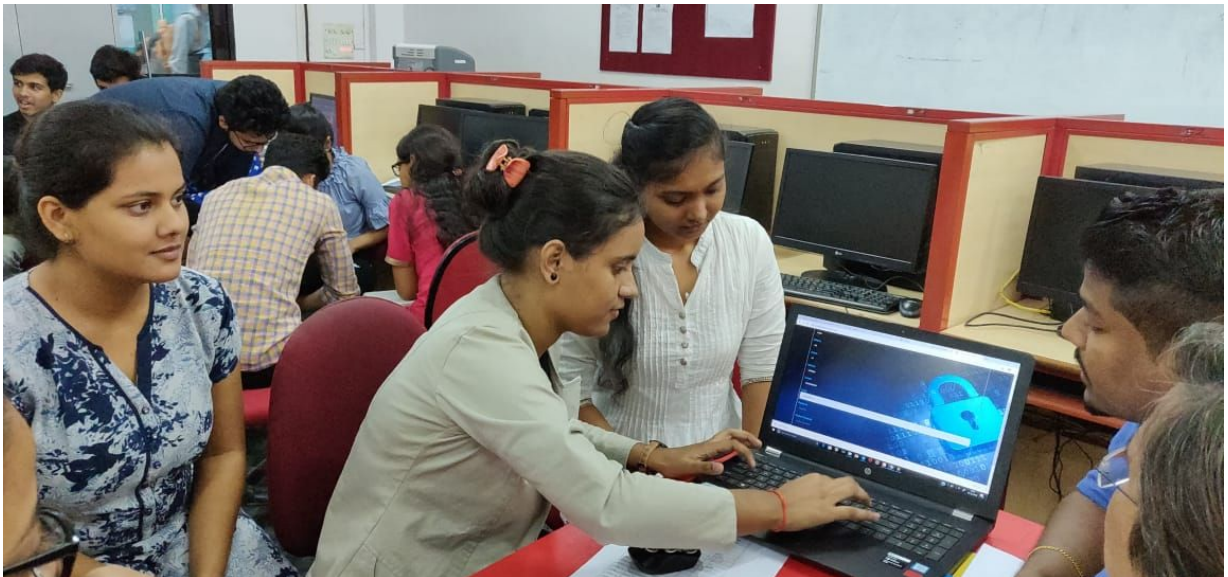|	
Division A	Prof. Dhiraj A.
Division B	Prof. Jinesh M.

PBL Topic list:

- PCE Tweet Portal
- Find my food

- Portal for trek mates
- CRIME MAPPING
- Application for mapping of trekking routes in the Himalayas giving details of accommodation facilities, banks, hospitals, eateries, real-time information on weather and other relevant information required for trekkers.
- PCE Canteen Automation System
- Campus Recruitment System
- AUCTION SYSTEM
- Web application for mapping wildlife sanctuaries / National Parks / Bird Sanctuaries with requisite travel information useful for tourists.
- On Road Vehicle Breakdown Assistance
- Sports events Management system for PCE
- online assignment submission system for college
- Web Applications For Farmers
- campus Recruitment System
- Crime Mapping.
- PCE tweet portal
- Web application for mapping wildlife sanctuaries / National Parks / Bird Sanctuaries with requisite travel information useful for tourists.
- Web application for farmers

Photos:

Some photos taken during the Project Demonstration (on 15 October 2018):

PBL winner list

TE IT B Winner List

S. No	Students Name	Topic Name
1	Nayan Joshi	Road and vehicle safety
	Sahil Kadu	
	Deepak Lad	
2	Poornima Karkera	Weather Monitoring
	Lokendra KC	
	Atul	
	Divya Nair	
3	Karishma Patil	Wifi jammer
	Aishwarya Patil	
	Lijo Jacob	
	Aathira Nair	
4	Atharv Phadnis	Forest Fire Detection
	Nikhil Nimbalkar	
	Faisal Shaikh	
	Saket Shetty	
5	Sajida Begum	Air Pollution Monitoring
	Sakshi Manjari	
	Prachi Satbhaya	
6	Sagar Patel	Car Parking
	Raj Paliwal	
	Prem Thamarakshan	
	Ojas Thale	

TE IT A Winner List

	Arya Gopinath	Online website for book descriptions, their reviews and ratings
	Anindita Bhajan	
	Namrata Chetgiri	
1	Kalpita Gawade	

	Abhishek Dhekane	Mess Food Wastage Saver
	Akshay Chavan	
	Rahul Chavan	
2	Tejas Chaudhari	
	Aniket Gupta	Web application for stock market dashboard
	Pradnesh Khedekar	
	Pradeep Kshirsagar	
3	Kalpesh Patil	
	Rushikesh pokharkar	Find my food
	Vineet Tiwari	
	Pratheesh Shivprasad	
4	Sahil Yadav	
	Reeya Wakchaure	Web Applications For Farmers
	Sonali Patil	
	Atharva Pawar	
5	Akash Pimpalkar	
	Pranali Sawant	Web application for mapping wildlife sanctuaries / National Parks / Bird Sanctuaries with requisite travel information useful for tourists.
	Sami Sayed	
	Pradumna Patki	
6	Ajay Pholapuriya	

PBL Winner Certificate Distribution