A REPORT ON
PROJECT BASED LEARNING (PBL)

Academic Year 2018-2019 (Semester IV)
Second 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. Gayatri H.
Division B	Prof. Amol K.

PBL Topics:

1	**Ambulance Services**
	Ambulance services are important for Health & Medical facilities. Requirement is to build a mobile app similar to Ola / Uber cab services. But it will be for Ambulance services. This app will have Ambulance driver's register their availability and location. Both Executive at Emergency Helpline and User's on the other hand on App's Client interface will book an ambulance. This will promise a fast and reliable ambulance service in case of emergency.
2	**Alegria Event Manager App**
	Android app for managing PCE Alegria event. App should include login, registration, event, winners modules.
3	**Web scraper**
	Scrape all the project topics for Computer and IT department. List topics domain wise.
4	**Create a web portal for conference system**
	The portal should include login, registration, uploading papers, event detail modules.
5	**Predicting election on basis of news**
	Use machine learning tools for predicting election outcome based on news.

Photos:

Winners List:
Yet to announce