A REPORT ON
PROJECT BASED LEARNING (PBL)

Academic Year 2018-2019 (Semester V)
Third 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. Rakhi M.
Division B	Prof. Blessy V.

PBL Topics:

#	Topic
1	Smoke alarm
2	Online Crime Management System
3	Centralised Admission Process
4	Library Book Tracking System
5	TCP/IP monitoring system for security of lab (lab maintenance)
6	Secure Chat System using steganography
7	Road Speedbreaker detector
8	Smart Lock

Winners list:

Topic Name	Group No.	RNO	Name
Smoke alarm	A-12	501	Abhilash Dayanandan
		523	Akshay Chakkungal
		547	Anooj Kommeri
		548	Deepak sunil koppuliparambil
		552	M Anushchand Chandran
Smoke alarm	B-10	538	Pranali Pashte
		540	Vinanti Pathare
		542	Sandnya Patil
		545	Athira Pillai
Online Crime Management System	B-2	534	Vaishnavi Nazare
		564	Srishti Singh
		567	Romali Surve
		503	Ibtisham Kazi
Centralised Admission Process	A-4	526	Saqlain Dhanse
		564	Pravinraj Nadar
		519	Shubham Bavdhankar
		525	Dhanadarsh K.
		557	Tanmay Maurya
Library Book Tracking System	A-1	528	Vinod Gupta
		516	Balraj Singh
		530	Saqiuzzaman Hussain
		541	Shruti katkade
		543	Urjita kerkar
Library Book Tracking System	B-7	556	Mansi Sawant
		559	Rashmi Shettigar
		549	Pratiksha Prabhu
		550	Athira PV
		569	Priya Tiwari
TCP/IP monitoring system for security of lab (lab maintenance)	B-6	576	Krunal Rane
		578	Ranjith Acharya
		509	Darshan Kothawade
		504	Gaurav Joshi
		580	Neha Ghogre
Secure Chat System using steganography	B-14	574	Rohit Vishwakarma
		566	Nachiket Sonawane
		568	Arunesh Tajane
		575	Omkar Waikar
		515	Anandu Nair
Secure Chat System using steganography	A-3	538	Irfat Kapde
		531	Pooja Ingale
		551	Sagar Kuvar
		555	Salman Mapkar
		562	Shubham More
Road Speedbreaker detector	B-13	560	Akhilesh Shinde
		561	Aniket Shinde
		562	Siddhesh Shivdikar
		565	Vivek Singh
		536	Aditya Parab
Smart Lock	B-9	551	Muhammad Tabish Quadri
		554	Riya John
		555	Sanket Said
		570	Diksha Tiwary
Smart Lock	A-5	503	HIMANSHU AGARWAL
		505	KRTIN AHUJA
		568	AKSHANS RAUTELA
		521	PRAVIN BHILARE
		517	ROHAN BANGERA

Photos :