



**BMS**

**INSTITUTE OF TECHNOLOGY AND MANAGEMENT**

Avalahalli, Doddaballapur Main Road, Bengaluru – 560064

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

**PBL COMPENDIUM**

**2019-20**

**EVEN SEMESTER**

## **PBL REPORT**

Department of Electronics and Communication Engineering, BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT, Avalahalli, Yelahanka, Bengaluru organized a PBL Project Review on 18<sup>th</sup> and 20<sup>th</sup> July 2020 to exhibit the project work carried out by the students of the IV and VI semester students. The projects exhibited the student's ability to apply their learning to solve the real world problems.

This semester around 100 PBL batches chosen the simulation and Software projects (because of lockdown ) which students have taken up few challenges and realized the same with the help of peer groups and faculty mentors. These projects were evaluated by internal committee on various rubrics.

PBL batch of IV semester (SIDDHARTH PRAKASH ,ABHISHEK G KANKANWADI

NISHANT PANDEY,SATYAM KUMAR )project titled "Automatic Hand Sanitiser Dispenser " has been turned into a product.



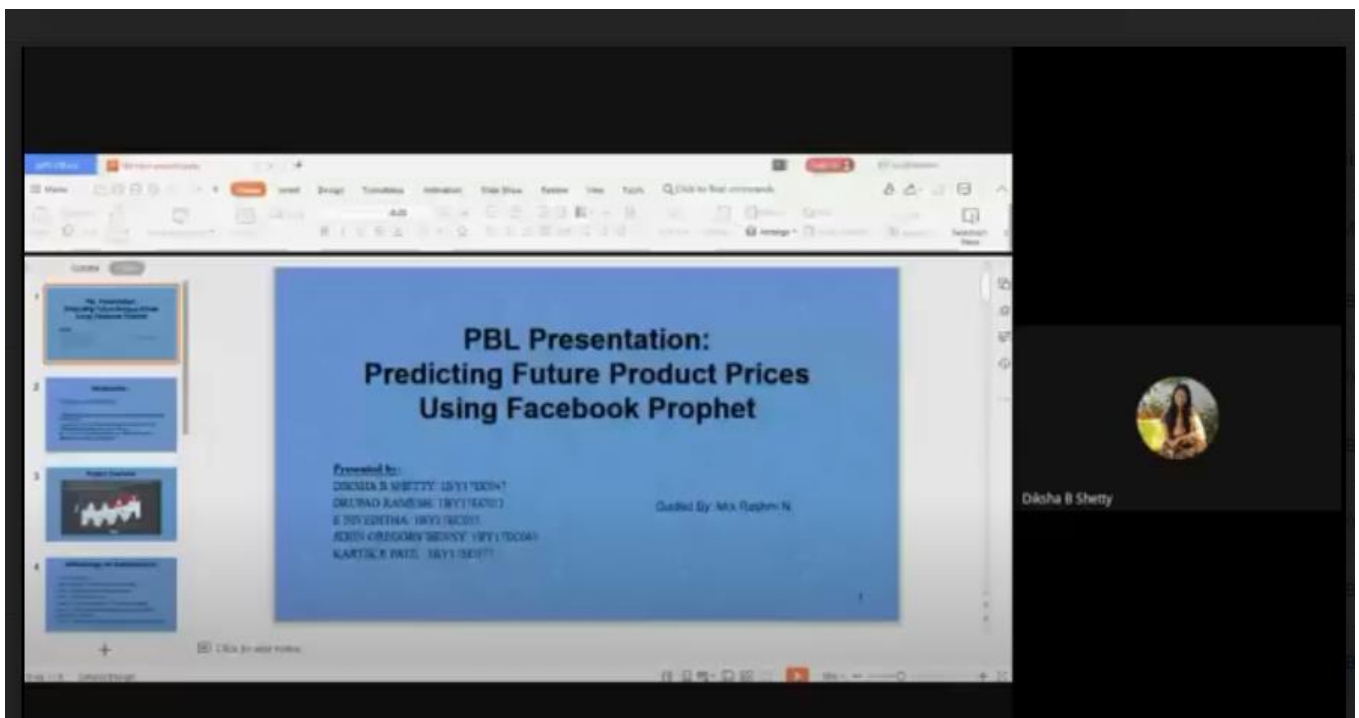
**Join Hands With SALVER**

### BEST PROJECTS

Sl.No	Semester	USN	Name of the Student	Title of the Project
1		1BY17EC047	DIKSHA B SHETTY	Predicting future product prices using Facebook prophet
		1BY17EC051	DRUPAD RAMESH	
		1BY17EC053	E NIVEDITHA	
		1BY17EC065	JERIN GREGORY BENNY	
		1BY17EC077	KARTHIK R PATIL	
2		1BY17EC002	ABDUL REHMAN AMIT ANVERI SIDDARTHA SHETTY AADITYA R	Network intrusion detection system
		1BY17EC012		
		1BY17EC071		
		1BY17EC001		
3		1BY17EC130 1BY17EC151 1BY17EC154 1BY17EC155	PRIYANKA R SANJANA S SANTRUPTI M BAGALI SARA SADIYA	Website Blocker using python
4		1BY17EC035 1BY17EC036 1BY17EC045	CHAITHANYA GJ CHAVALI MANI DEEPIKA DHANUSH VU	Random Password Generator
5		1BY17EC016 1BY17EC010 1BY17EC017 1BY17EC026	ANAND RAVISHANKAR AKSHAT AGARWAL ANANDH RAJAN ARUSHI MAKRARIA	Solution to No-win situation in game theory through reinforcement learning
6	6	1BY17EC008	AKANKSH RAMESH CHOUDHARY	Python games
		1BY17EC113	PAVAN KUMAR BM	
		1BY17EC039	D SAI VENKAT	
7		1BY18EC001	ABHISHEK G KANKANWADI,	Automated hand sanitizer
		1BY18EC196	SIDDHARTH PRAKASH	
		1BY18EC156	NISHANT	
		1BY18EC203	SATYAM	

8		1BY18EC087 1BY18EC012 1BY18EC067 1BY18EC096	KARMANYA KUMAR HEMANTH AKASH SD RAHUL M	Arduino based ultrasonic sensor system
9		1BY18EC004 1BY18EC008 1BY18EC025 1BY18EC003	ADARSH P ADITYA MD APPANNA PM ADARSH	Quiz Application
10	4	1BY18EC115 1BY18EC175 1BY18EC128	P SHREYA VARSHA D RAICHEL R	Rain sensor using proteus software

**Glimpse of Online Reviews:**



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Introduction

Character recognition, is the mechanical or electronic translation of images of handwritten, typewritten or printed text (usually captured by a scanner) into machine-editable text. It is a field of research in pattern recognition, **artificial intelligence** and machine vision. Though academic research in the field continues, the focus on character recognition has shifted to implementation of proven techniques. In this project we aim at recognizing the English alphabet characters(both cases) along with the Hindu Arabic numbers(0-9).


ADARSHA A S ECE-2018-2022

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**PBL Presentation  
of  
BRAIN TUMOUR DETECTION USING MATLAB**

**Presented by : SG61**  
1) Prateek Walia (1BY18EC121)

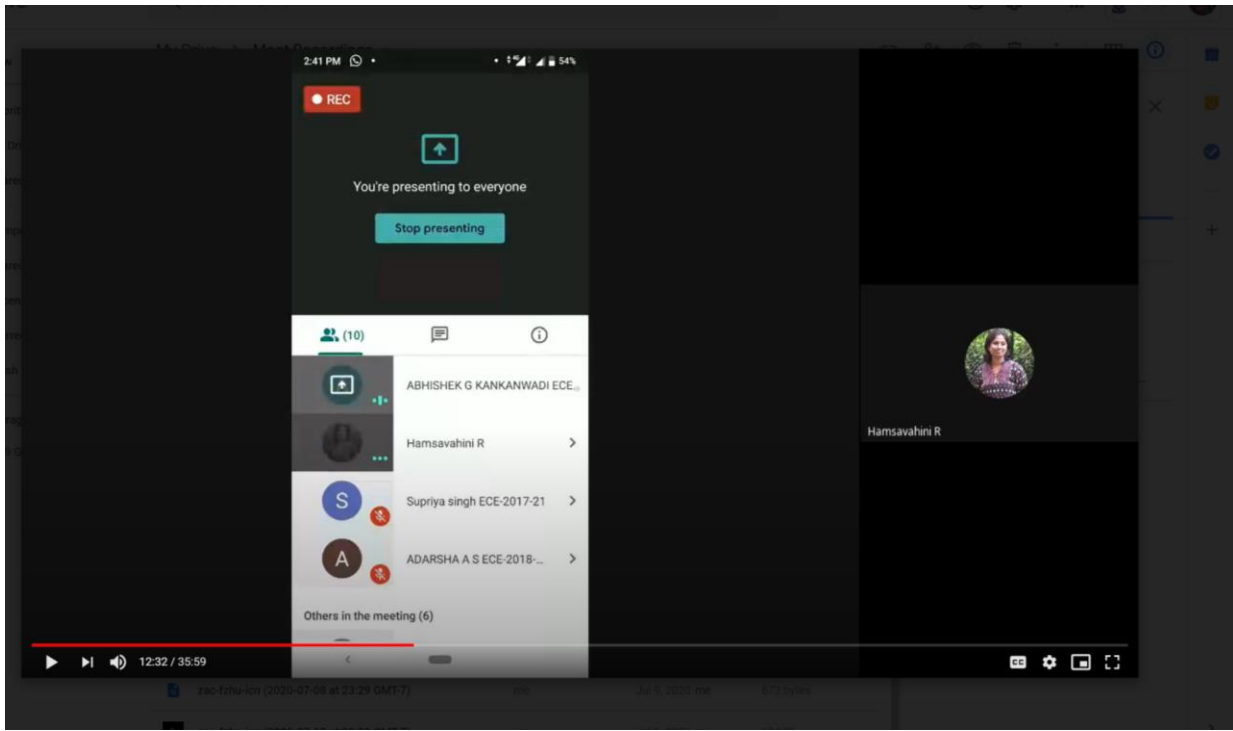
**Under the Guidance of**  
Prof. Hamsavahini R  
Assistant Prof. Dept. of ECE

PRATEEK WALIA ECE-2018-2022

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PBL Coordinator  
Hamsavahini R

HoD-ECE  
Dr.Ambika R