



BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

**Avalahalli, Doddaballapur Main Road, Bengaluru - 560064
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

PBL compendium

Department	No. of projects in III semester	No. of projects in V semester	Total Department wise
CSE	54	65	119

Report

Project based Learning is incorporated for the subjects which lack the blended mode of implementation through the Curriculum prescribed by the University.

Subsequently, an analysis was carried out based on the curricular course components to mitigate the gaps. It was decided to execute the PBL for the following subjects:

III Sem	Data Structures Software Engineering
V Sem	Computer Networks Python Application Development

Students were asked to form a team of 2-4 members and pursue the real world problems as far as possible to gain insight of projects implementation.

There were 54 Teams from the III semester and 65 Teams from the V Semester who have participated in the review and evaluation process. All the faculty members have participated in mentoring the Teams and Internal evaluation process.

The Final Evaluation was carried out by the External Judges.



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List of PBL Winners				
Semester	Prize	USN	Name of the Student	Title of the Project
III A	I	1BY20CS020	Amith R	Covid Hospital Bed Allotment System
		1BY20CS063	Hetal Rakesh Lad	
		1BY20CS068	J M Suhas	
		1BY20CS071	Jalla Sai Swetha	
	II	1BY20CS024	Aniket Kumar	COVID Vaccination
		1BY20CS031	Ashish Gupta	
		1BY20CS045	Charvi Jaiswal	
		1BY20CS022	Ananya Barath	
III B	I	1BY20CS079	K V Diwakar Reddy	Bill Splitter
		1BY20CS088	Khushi Sharma	
		1BY20CS103	M Saye Sidhartha Reddy	
		1BY20CS132	Sai Teja PS	
	II	1BY20CS076	Jyoti Raju Kamati	Online attendance management system during offline classes
		1BY20CS083	Keerthana M	
		1BY20CS121	Nagashree L	
		1BY20CS123	Navya Patil	
III C	I	1BY20CS152	Koushik R	Food ordering System
		1BY20CS197	Sujith.S.R	
		1BY20CS194	Suhas Kandkur	
		1BY20CS202	Syed Shahaama Hussain	
	I	1BY20CS183	Siddharth Anand	Game- 2D RPG RPA
		1BY20CS178	Shlok Kulshrestha	
		1BY20CS174	Sayantana Mitra	
		1BY20CS210	Utsav Mandal	



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	I	1BY20CS158	S SRI NAKUL	Data Analysis Using Ds Concepts
		1BY20CS154	S GURU PRASAD	
		1BY20CS169	SAMRUDH S	
		1BY20CS215	VIGNESHWARAN P S	
V A	I	1BY19CS049	H Vishwesh Krishna	Classroom Connect System
		1BY19CS035	Chethan G V	
		1BY19CS066	Kevin Noel K	
		1BY19CS048	Gourav Dubey	
	II	1BY20CS406	Dinesh G	Smart cctv using python
		1BY20CS405	Deepa K	
		1BY20CS402	Bhavyashree B K	
		1BY20CS407	Divyashree Y	
V B	I	1by19cs103	Poorvik D	Blood registry using blockchain
		1by19cs105	Prajwal D	
		1by19cs094	Neha Banu	
		1by19cs083	Mohammed Owais	
	II	1BY19CS125	Roshni Anand	Smart Water Tank
		1BY19CS134	Sangamitra Phukan	
		1BY19CS217	Prerana R Bhat	
		1BY19CS113	Raksha B	
V C	I	1BY19CS200	Mohammed Zaid Siddiqui	Face Recognition and Attendance
		1BY19CS210	Satyendra Pratap Singh	
		1BY19CS209	Sanjeev Kumar Suman	
		1BY19CS211	Saurav Kumar Yadav	
	II	1BY19CS144	Shravani V	Spam Emails Filtering using Machine Learning Techniques
		1BY19CS163	Suraksha M Avanthakar	



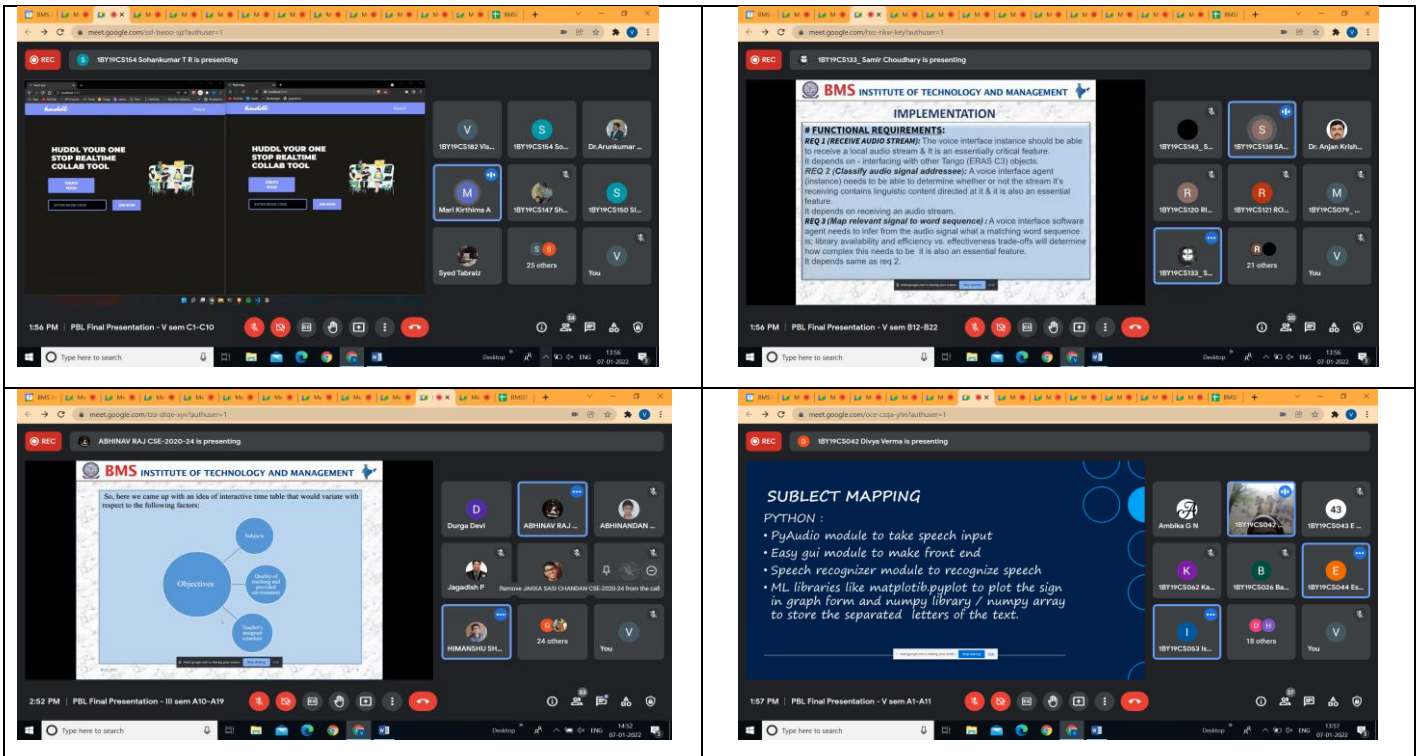
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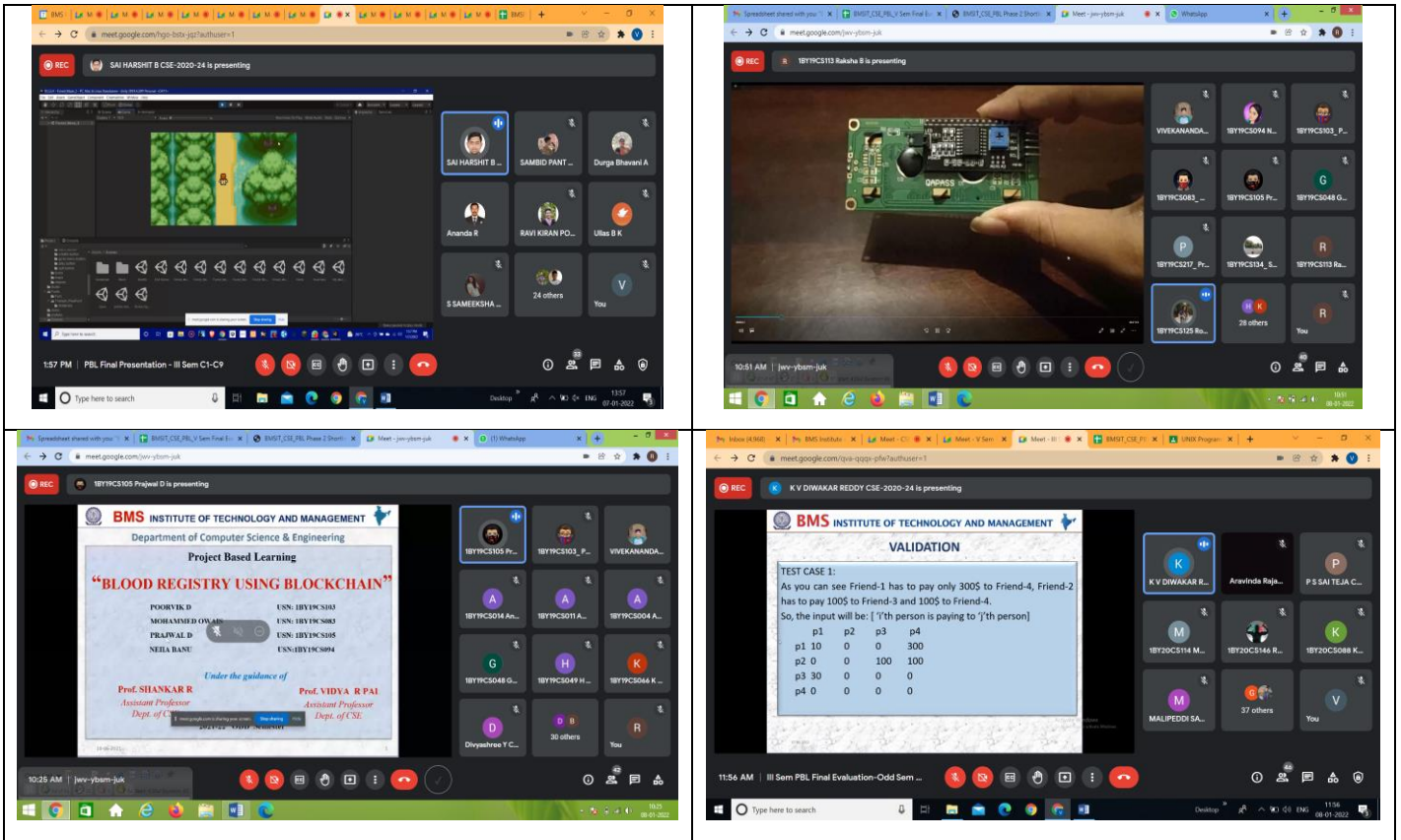
	1BY19CS168	Tejaskriya	
	1BY19CS172	Ujwala B	
II	1BY19CS153	Snehalakshmi M	SERVER SURVEILLANCE
	1BY19CS151	Siddharth B	
	1BY19CS195	Ganesh Prakash	
	1BY19CS177	Varshini S	

JUDGES FOR THE EVALUATION

1. Mr.Aravinda Rajanna – Lead Engineer - (HPE)
2. Mr.Vivekananda M R - (Mavenir Systems Pvt. Ltd.)

Photos/ Screenshots





Program Outcomes Mapped and justification

PBL projects are mapped to the following PO's

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	✓	✓	✓	✓	✓			✓	✓	✓	✓