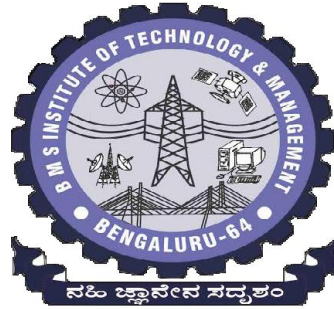


**BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT
BANGALORE-560064**



Department of Computer Science & Engineering

**PROJECT BASED
LEARNING**

2018 - 19 Even Semester

In association with IEEE and CSI



Shankar R

PBL Coordinator, Asst Prof, CSE, BMSIT&M

Project Based Learning is a teaching method in which students gain knowledge and skills by working for an extended period to investigate and respond to an authentic, engaging, and complex questioning, problem, or challenge.



Department of Computer Science & Engineering in association with **IEEE student chapter** and **Computer Society of India** proudly hosted 2018-19 Even Semester's Project Based Learning encompassing 210 projects in various fields of Computer Science.

This edition of PBL focused on topics like:

- ❖ Design and Analysis of Algorithms,
- ❖ Data Communications,
- ❖ Microprocessors,
- ❖ Computer Graphics,
- ❖ Python
- ❖ Java
- ❖ C Programming Projects etc.

Statistics

Semester	PBL Subject	Faculty Incharge	PBL Count	
2 nd sem	C Programming - 18PCS23	Prof. Guruprasad S	10 projects minimum	
		Prof. Mahesh G	10 projects minimum	
		Prof. Aruna Kumari	10 projects minimum	
4 th sem	Design and Analysis of Algorithms - 17CS43	Prof. Hemamalini B H	65 projects (students should use Java to Solve any DAA concept via Proper Software Engineering Principles , they should take all the three Teacher's signatures in the report) JAVA usage is Compulsory. (each team - 4 members max)	
		Prof. Durgadevi G Y		
		Prof. Satish T		
	Object Oriented Concepts - 17CS42	Prof. Jagadish P		
		Prof. Vishwa Kiran		
		Prof. Srivani P		
	Software Engineering - 17CS45	Prof. Anand R		
		Prof. Rajesh N V		
	Data Communications - 17CS46	Prof. Mari Krithima		65 projects (combination of both , they should take both the Teacher's signatures in the report) (each team - 4 members max)
		Prof. Vidya R		
Prof. Anil G N				
Microprocessor - 17CS44	Prof. Anupama H S			
	Prof. Bharathi R			
6 th sem	Computer Graphics - 15CS62	Prof. Shankar R	50 projects (each team - 2 members max)	
		Prof. Shruthi J		
	Python - 15CS664	Prof. Vishakha Yadav	50 projects (students should use Python to Solve any OS /SS&CD concept , they should take both the Teacher's signatures in the report) PYTHON usage is Compulsory. (each team - 2 members max)	
		Prof. Ravi Kumar B N		
	Operating System - 15CS64	Prof. Durgabhavani		
		Prof. Thippeswamy G		
	SS & CD - 15CS63	Prof. Guruprasad S		
		Prof. Hemamalini B H		

PBL Open Day – 13th May 2019

JUDGES:

1. Mr. Vijaya Kumar A S – Consultant, Aprameyah Technologies
2. Dr. Elangovan – Consultant, elanzlogic.com
3. Dr. Bharathi Malakreddy A – Professor, CSE, BMSIT&M
4. Dr. Pushpa S K – Professor, ISE, BMSIT&M
5. Dr. Satish Kumar T – Assistant Professor, CSE, BMSIT&M
6. Prof. Hemamalini B H – Associate Professor, CSE, BMSIT&M
7. Mrs. Durgadevi G Y – Assistant Professor, CSE, BMSIT&M

PBL Prize Information

Sem	Section	Name	USN	PBL Title	PBL Subject	Guide	Prize
2	A	Guarav	1BY18CS055	Leaf Recognition Software	C	Shruthi J	1
		Harish	1BY18CS060				
		Swati	1BY18CS175				
		Manish B	1BY18CS089	Readers Writings	C	Mahesh	2
	B	Ravi	1BY18CS122	Smart Speed Breaker	C	Aruna Kumari	1
		Ritika	1BY18CS124				
		Ritika	1BY18CS123				
		Vanshika	1BY18CS185				
		Harshitha	1BY18CS061	Obstacle Detector	C	Ravi Kumar	2
		Mahitha	1BY18CS092				
		Sheetal	1BY18CS152				
	Sushmitha	1BY18CS174					
	Sreenidhi	1BY18CS096					
	C	Vishal	1BY18CS219	Arduino Smart Car	C	Ravi Kumar	1
		Vikram	1BY18CS188				
		Hritik	1BY18CS066				
		Ashotosh	1BY18CS032				
		Sri Sai	1BY18CS169	Simulation of Game	C	Ravi Kumar	2
		Sashank	1BY18CS011				
Sathish		1BY18CS132					
Nithin		1BY18CS107					
Sai Pranav	1BY18CS183						
4	A	Abhishek	1BY17CS006	HomeSecurity Alarm	MP/DC	Anupama/ Anil G N	1
		Bharath	1BY17CS036				
		Hemanth	1BY17CS064				
		Amit	1BY17CS217				
		Krishna	1BY17CS013	Image Classification using CNN	DAA, OOC, SE	Durgadevi, Jagadish, Anand	2
		Yashwant	1BY17CS054				
		Krishna	1BY17CS076				
		Kalyan	1BY17CS034				
	Venkatesh	1BY17CS040					
	B	Prashanth	1BY17CS119	Nano Satellite Prototype	DC/MP	Marikirthima/ Anupama	1
		Prajwal	1BY17CS114				
		Nithin	1BY17CS103				
		Khaleeq	1BY16CS118	Fruit Keyboard	MP/DC	Anupama/ Marikirthima	2
		Aishwarya	1BY17CS085				
	Merlyn	1BY17CS088					
	C	Srinivas	1BY17CS170	MQ6 Gas Sensors	MP/DC	Bharathi R/ Vidya	1
		Bharath	1BY17CS035				
		Shawez	1BY17CS155				
		Rashid	1BY17CS175				
D	Punith	1BY18CS419	Blood Management System	DAA, OOC, SE	Hemamalini, Muneshwara, Rajesh	2	
	Hemanth	1BY18CS404					
	Harsh	1BY18CS425					
Abdul	1BY18CS413						
6	A	Sai Mythili	1BY16CS014	CPU Scheduling Algorithm	OS, Python	Vishakha, Thippeswamy	1
		Darshan	1BY16CS025	FCFS	OS, Python	Vishakha, Thippeswamy	2
		Aakanksh	1BY17CS400				
		Navya	1BY17CS406				
	B	Pranav	1BY16CS062	Result Parser	Python	Shankar/ Shruthi	1
		Shalette	1BY16CS074	Sniprise	SS&CD	Guruprasad	2
Piyush		1BY16CS059					

8	A	Chandru	1BY15CS020	Emotion Perception using Reinforcement Learning	Final Project	Thippeswamy	1
		Bhargav	1BY15CS016				
		Adarsh	1BY15CS006				
		Amar	1BY16CS401	Obstacle Detection for Vehicles	Final Project	Durgadevi	2
		Divya	1BY16CS404				
		Yamini	1BY14CS019				
	Mamatha	1BY16CS406					
	B	Nimesh	1BY12CS092	WiFi Controlled Robot	Final Project	Vishwakiran	1
		Spoorthi	1BY12CS077				
		Haripriya	1BY14CS036				
		Sherjeel	1BY13CS072	Prediction & Classification of Cardiac Arithmea	Final Project	Bharathi R	2
		Nandini	1BY15CS055				
Shalini		1BY15CS080					
Sandhya	1BY15CS078						



