

PROJECT BASED LEARNING

In association with IEEE and CSI



PBL Coordinator, Asst Prof, CSE, BMSIT&M



What is PBL?

In Project
Based Learning,
teachers make

learning
come
alive

for students.



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 Odd Semester's Project Based Learning encompassing 187 projects in various fields of Computer Science.

This edition of PBL focused on topics like:

- ❖ Web Technologies,
- ❖ Data Structures,
- ❖ Unix,
- ❖ Database,
- ❖ Computer Networks &
- ❖ C Programming Projects.

Statistics

Semester	PBL Subject	Faculty Incharge	No. of Projects
1 st sem	C Programming	Prof. Srivani	3
		Prof. Jagadish	10
		Prof. Muneshwar	3
		Prof. Ravi Kumar	2
		Prof. Mahesh	2
		Prof. Satish	3
3 rd sem	Data Structures	Prof. Hemamalini	5
		Prof. Anand	15
		Prof. Mahesh	16
	Unix Shell Programming	Prof. Rajesh N V	12
		Prof. Mari Kirthima	3
		Prof. Bharathi R	5
5 th sem	Database Management System	Prof. Bharathi R	10
		Prof. Radhika K R	31
	Computer Networks	Prof. Mari Kirthima	17
7 th sem	Web Technologies	Prof. Shankar R	50

Total Subjects: 6

Total Projects

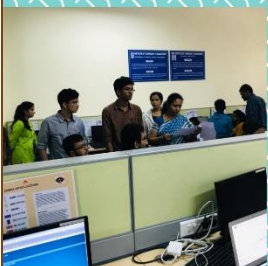
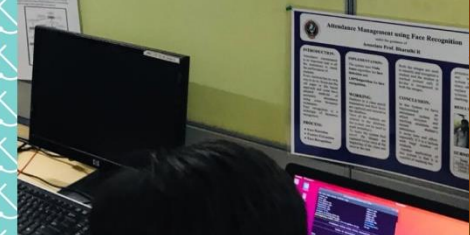
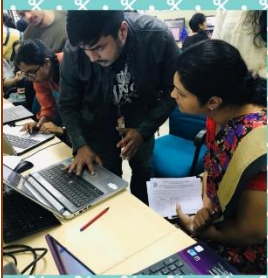
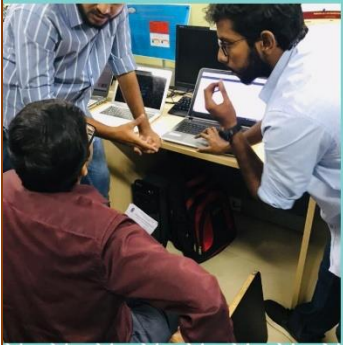
187

PBL Open Day – 4th November 2018

JUDGES:

1. Dr. Nagabhushan S V – Professor, MCA, BMSIT&M
2. Prof. Ambika – Placement Officer, BMSIT&M
3. Mr. Sundar Raman G – Alumnus, CSE, BMSIT&M





PBL 2018-19 Odd Semester - BEST PROJECT AWARDS

Semester	Team	PBL Title	Judge Marks
1	Adarsh P, Appanna P M	Scientific Calculator	45/50
	Narmadha, Balvanth, Munawwar, Lepakshi	Food Ordering	40/50
3	Prashanth, Nithin, Prajwal, Koushik	Block Chain Voting Machine	46/50
	Aishwarya, Merlyn	Analysis of Tomato Prices in Karnataka using Machine Learning	44/50
5	Chandana, Darshan, Chaitra	Automatic Ripened Fruit Detection	45/50
	Shazette D'souza, Pavithra J Patil	Chat Server Application	40/50
7	Kanya Krishi, Lehya Reddy	SPARC	42/50
	Chinmayi, Arundhati	Exam Preparation Portal	39/50

**Students were awarded with Certificates Sponsored by
IEEE and CSI**



Some of the Projects presented on Open Day:

1st Semester:

MD. MAZIN OMAR HYDER	16	ARITIFICIAL INTELLIGENCE
HRITHIK SHAW	10	EVOLUTION OF 5G NETWORK
TARUN PACHAURI	35	
AKSHAY JADHAV	4	ARTIFICIAL INTELLIGENCE
NITHIN .S	21	
MAHESH VIKRAM .S	13	
BALVANTH GOWDA K V	20	FOOD DELIVERING USER INTERFACE
MOHAMMED MUNNVAR	65	
NARMADHA K	49	
LEPASHKI V	58	
K MOKSHESHWAR REDDY	47	SNAKE GAME
LIKITHA MADHAV M R	59	GRAPHIKONIANS
APARNAH MALLYA	16	
ANUSHA UPADHYA	15	
K SREEVARSHA	50	
ADARSH P	3	SCIENTIFIC CALCULATOR USING C++
APPANNA	17	

3rd Semester:

NAVIN	1BY17CS099	IMAGE CRYPTOGRAPHY
NITIN	1BY17CS104	
VIKAS	1BY17CS186	
THARUN REDDY.K	1BY16CS040	CUSTOMER BILLING PROJECT
YASHAS.V	1BY16CS095	
ALEKHYA.O	COB	
TEJASWINI	COB	
M DEEKSHITHA	1BY17CS087	VISUALISATION OF BINARY SEARCH TREE
MEGHANA P	1BY17CS095	
M.NITHISH KUMAR	1BY17CS096	
SAKARA TEJA	1BY17CS148	
SHREYANSH SHEKHAR SINGH	1BY16CS077	GROCERY CART
NAMRATA KARKI	1BY17CS205	

NISCHAL NEUPANE	1BY17CS206	INTERNET CAFE MANAGEMENT SYSTEM
OMAR ALHAMDI	1BY17CS207	
AMAN	1BY17CS017	MOBILE APPLICATION DEVELOPMENT
HARSH PRATAP SINGH	1BY17CS057	
M HARSHA DATTA	1BY17CS091	
NISHANT GUPTA	1BY17CS101	HOTEL MANAGEMENT SYSTEM
SRIJAN CHOUBEY	1BY17CS211	
SAI SRUJANA	1BY17CS209	
TRUPTHI PANNEGAR	1BY17CS210	
SAEED SHUKRI ABDN	1BY17CS208	CUSTOMER ACCOUNT BANK MANAGEMENT SYSTEM
MOHAMMED ALZABIDI	1BY17CS204	
RAKSHIT SINGH	1BY17CS131	DATABASE MANIPULATION USING JDBC
RAKSHITHA G	1BY17CS132	
ANUSHRUTI ADHIKARI	1BY17CS029	
SUDARSHAN	1BY17CS107	
MAYANK SEHGAL	1BY17CS092	STEGANOGRAPHY SUITE
OMESH KOUL	1BY17CS105	
ROSHINI J	1BY17CS143	MUSIC PLAYER
KRUTHIKA RAVISHANKAR	1BY17CS082	
RICHA PAREKH	1BY17CS137	
RAMYASHREE B S	1BY17CS135	
NEHA R	1BY17CS100	AIRLINE MANAGEMENT SYSTEM
RAHUL DUTTA	1BY17CS128	
PRATYUSH SARKAR	1BY17CS123	
SINCHANA	COB	
RAAHUL N	1BY17CS126	WI-FI PENETRATION
ROHITH S	1BY17CS142	
PRATHEEKSHA P PHADKE	1BY17CS122	FLIGHT TICKET BOOKING
PRERANA P	1BY17CS124	
KRUT S SANGHVI	1BY17CS081	
RAGHAVENDRA UNKI	1BY17CS127	LIBRARY MANAGEMENT SYSTEM
SHAMBHULINGANAGOUDA PATIL	1BY17CS151	
SANTOSH SOLLAPURE	1BY17CS149	
PRANOVE A B	1BY17CS118	CYCLE DETECTION IN LINKED LIST
PRASANTH KUMAR REDDY K	1BY17CS120	
P ROHITH	1BY17CS106	

PARTH CHAWLA	1BY17CS108	
PRASHANTH KUMAR	1BY17CS119	BLOCK CHAIN VOTING MACHINE
TRAJWAL KAUSHAL	1BY17CS114	
NITHIN BHARADWAJ	1BY17CS103	
KOUSHIK S	1BY17CS080	
POORVI ROHIDEKAR	1BY17CS113	
RISHIKA SANKARAN	1BY17CS140	POST TRANSITION
RITIKA SHRIVASTAVA	1BY17CS141	
SARASA PATTABIRAMAN	1BY17CS150	
M RAJA RAJESWARI	1BY17CS093	
PRATHEEKSHA P A	1BY17CS121	SOLVING MAZE
RAMYA B G	1BY17CS133	
RAMYA SHREE N R	1BY17CS134	
PRANAV M S	1BY17CS116	
L PRASHANTH	1BY17CS084	REAL TIME APPLICATION OF DATA STRUCTURE IN AN OPERATING SYSTEM
NAVOLLAS	1BY17CS145	
KHALLEQ AHMED	COB	
M MERLYN MERCYLONA	1BY17CS088	
M AISHWARYA	1BY17CS085	POISONOUS PLANTS
P RAMA GOPAL REDDY	1BY17CS112	PACMAN GAME USING C
K HOSHANTH	1BY17CS074	
G ROHITH	1BY17CS050	
K HITESH SAI	1BY17CS083	

5th Semester:

VARSHA VIVEK	1BY16CS092	CAR SHOWROOM
YASHASWINI KULKARNI	1BY16CS096	
SHRUTI R POTDAR	1BY16CS078	ONLINE CLOTHING PLATFORM
SPOORTHY MADHUSHANKAR	1BY16CS083	
PRANAV RAIKOTE	1BY16CS062	AIRPORT MANAGEMENT SYSTEM
SUDARSHAN VENKATESH	1BY16CS084	
PREETHI ABIGAIL GRACIAS	1BY16CS064 1BY16CS098	STUDENT EXTRA CURRICULAR ACTIVITIES
RAHUL GOWDA H M	1BY16CS066	CRICKET STATISTICS MANAGEMENT SYSTEM
OWAIS AHMED KHAN	1BY16CS102	
RUTHWIK S GOWDA	1BY16CS071	APP STORE
VARUNA	1BY17CS415	
AJAY KUMAR B R	COC	E-TICKET SYSTEM
ROHAN SINGH	COC	
VENKATESH PRASAD N K	1BY17CS416	BLOOD DONATION SYSTEM
SUNIL J	1BY17CS411	
YADAV	1BY17CS417	HOTEL MANAGEMENT
AJITH	COC	
PREENA DARSHINI A RAKSHITHA PR	1BY16CS063 1BY16CS067	SUPERMARKET DATABASE
SOWMYA	1BY16CS082	CAMPING WEBSITE
TARUN J	1BY16CS088	
SHEETAL THOMAS	1BY16CS076	RAILWAY DATABASE MANAGEMENT SYSTEM
SHWETHA D	1BY16CS079	
SHALETTE NATASHA D'SOUZA	1BY16CS074	PAANI FOUNDATION DATABASE
PAVITHRA J PATIL	1BY16CS057	
RIDWAN UL HAQ	1BY16CS069	SEAT BOOKING USING PHP AND MYSQL
SABREESH BHATT	1BY16CS073	
PREETHI G	1BY16CS065	SPORTS TICKET BOOKING
SANYA LATHEEF	1BY15CS079	
THULISIKUMAR M	1BY16CS090	ID CARD GENERATING SYSTEM
SANTHOSH V	1BY17CS410	
SOURAV R C	1BY16CS081	E-SHOPPING DATABASE

SAURAV KUMAR JHA TEJESH P	1BY16CS108 1BY16CS089	RAILWAY COMMERCIAL MA NAGEMENT DATABASE
SHARANYA WARRIER	1BY16CS109	PHARMACEUTICAL DATABASE
SIMRAN DHAR	1BY16CS080	FEST MANAGEMENT
RITWIK RAJ	1BY16CS070	
BINDU.V	COC	TOURISM MANAGEMENT
<u>CHARUSHEELA.ME</u>	COC	
NAVEENA N SUSHMA R	1BY16CS407 1BY16CS416	ONLINE BANKING DATABASE
SUNNY VENKATESH	1BY15CS087	LIBRARY DATA BASE
KARAN BALLAL	1BY15CS036	
SHARATH HEGDE SUMANTH N C	1BY16CS075 1BY16CS086	ATTENDANCE MANAGEMENT SYSTEM
VANDANA R	1BY17CS414	ONLINE ELECTION
SUPRITHA R C	1BY17CS412	
PIYUSH AGARWAL VINAYAK HAMSAGAR	1BY16CS059 1BY16CS094	GROCERY STORES MANAGEMENT SYSTEM
POORVIKA A ITHAL	1BY16CS060	FOOTWARE COMPANY DATABASE
SUMAN RAJ ALGOOD	1BY16CS085	
SIMRAN R P	1BY15CS084	METRO STATION
BASHAR PARVEZ	1BY16CS100	HOSTEL DATABASE MANAGEMENT SYSTEM
PRATYUSH RAJ	1BY16CS104	
PIYALI PAL VINAY KUMAR	1BY16CS058 1BY16CS093	CANTEEN MANAGEMENT
VARUN V	1BY15CS099	EVENT MANAGEMENT
GEORGE M GEORGE	1BY15CS026	
THEERTHANA R	1BY15CS094	CLINICAL MANAGEMENT SYSTEM
RISHIT BANSL	1BY16CS106	METRO DATABASE MANAGEMENT SYSTEM
SIMRAN R P	1BY15CS084	
RAMEEZ PATHAN	1BY16CS097	TOLL PLAZA DATABASE
SMBEDH KANDEL	1BY16CS107	
SNEHA VINAYAK	1BY17CS166	CONTACT MANAGEMENT SYSTEM
VASUPRADHA	1BY17CS184	
YASHASHWINI	1BY17CS189	
HARSHITHA	1BY17CS061	
RICHA KUMARI	1BY17CS136	TIC TAC TOE GAME
ANKITHA JHA	1BY17CS196	
NANDINI T G	1BY17CS098	

MEGHANA M	1BY17CS094	
SYED RASHID	1BY17CS175	RAILWAY RESERVATION SYSTEM
SUSHANTH M	1BY17CS172	SNAKE GAME
SOURAV PAUL	1BY17CS167	
DHAVAL SHARMA	1BY17CS046	
SHASHI SINGH	1BY17CS154	
VARUN	1BY17CS215	CRICKET SCORE SHEET
SHRUTHI	1BY17CS159	
DIKSHA	1BY17CS047	
MIR MOHAMMED	1BY17CS097	
SANDRA MARIA PAUL	1BY17CS147	HOSPITAL FILE MANAGEMENT SYSTEM
SHEHA M J	1BY17CS164	
SNEHA R THOMAS	1BY17CS165	
SUSHMA S	1BY17CS174	
ANISHA	1BY17CS026	BIGNUM CALCULATOR
SUSHMA P	1BY17CS160	
TANYA R	1BY17CS178	
VAMSHIKA	1BY17CS182	
HARSHENDRA	1BY17CS059	MAZE GAME
SIMRAN	1BY17CS163	
HARSHA T	1BY17CS176	
AKSA	1BY17CS014	MINESWEEPER GAME
SAMRIDHI	1BY17CS210	
UDDHAV	1BY17CS212	
RAKSHA	1BY17CS130	SUDOKO GAME
ALEESHA	1BY17CS016	
ANJANA	1BY17CS090	
PARMESH	1BY17CS070	HOTEL MANAGMENT SYSTEM
SHANTANU	1BY17CS152	
KESHAV	1BY17CS201	
VISHAL	1BY17CS188	
VAIBHAV DUBEY	1BY17CS213	BANK MANAGEMENT SYSTEM
HARSHVARDHAN SINGH	1BY17CS058	
RISHABH SAFARIA	1BY17CS139	
KARTIKEY GUPTA	1BY17CS200	

7th Semester:

Bhargav Sagiraju	1BY15CS016	INVITED TALK INFORMATION
Aditya Subraya Hegde	1BY15CS007	
Arundhati S Shanbhag	1BY15CS013	EXAM PREP PORTAL
Chinmayi Hegde	1BY15CS021	
Kanya Krishi	1BY15CS035	SPARC
G.Lehya Reddy	1BY15CS027	
K. Varun Karanth	1BY15CS034	ONLINE COURSE INFORMATION
Kunal Kumar	1BY15CS043	
Mohammed Daaniyaal	1BY15CS051	COURSE END SURVEY INFORMATION
Aayush Nandkeolyar	1BY15CS002	NBA SYSTEM
Ankit Agrawal	1BY15CS010	
Amogh G	1BY15CS008	
Mayank Kushal	1BY15CS048	
Manoj R Hegde	1BY15CS047	PIO
Karan V	1BY15CS037	
Dishi Tiwari	1BY15CS024	ALUMNI WEBSITE
Bhanu Pratap	1BY15CS015	
Abhishek B	1BY15CS005	FACULTY MONITORING SYSTEM
Harshith T R	1BY15CS030	
Lakshmi Harshitha	1BY15CS044	PLACEMENT CELL PORTAL
Meghna Sharma	1BY15CS050	
Zaman	1BY15CS052	
Amar R	1BY16CS401	DIPLOMA STUDENTS MANAGEMENT SOFTWARE
Divyashree G	1BY16CS404	
Chethan Dn	1BY16CS403	MANAGEMENT STUDENT SOFTWARE
Yamini Bt	1BY14CS019	
K Mamatha	1BY16CS406	DEPARTMENT STOCK INFORMATION
Priyanka G	1BY16CS408	
Bhaves M	1BY16CS017	MANTHANA SYSTEM
Rishab Verma	1BY16CS070	
Kavya M	1BY15CS039	NIRF
Madhukar M	1BY15CS045	
Divyashree G	1BY15CS025	STUDENTS CULTURAL ACTIVITIES INFO
Anushree Gudoor	1BY15CS011	
Ananya	1BY15CS003	HOD DATA MANAGEMENT

Deeptha S	1BY15CS023	
Ketan	1BY15CS040	ENTREPRENEUR INFORMATION
Radhika B Raman	1BY15CS068	INTERNALS INFORMATION PORTAL FOR FACULTY
Ullas Vb	1BY15CS096	
Vinith Vb	1BY15CS114	SPORTS MANAGEMENT SYSTEM
Akshay Ab	1BY15CS112	
Bhavya Sheth	1BY15CS110	
Aditya Shiva	1BY15CS113	
Nikhil Ar	1BY15CS056	COLLEGE CLUBS INFO SYSTEM
Varun R S	1BY15CS067	
Sachin Kumar S	1BY15CS075	OBE ACTIVITIES INFO
Vinod G	1BY16CS417	
Vishwanath Bhat	1BY15CS103	PBL MANAGEMENT SYSTEM
Rakesh Sha	1BY15CS069	NCC WEBSITE
Samar Khan	1BY15CS077	
Meghana M	1BY15CS049	STUDENT INTERNSHIP INFO
Jyothi S	1BY15CS033	
H R Vinay	1BY15CS116	ELECTIVE MANAGEMENT SYSTEM
Sabjan P	1BY15CS074	
Poojitha	1BY15CS062	PUBLICATION OF FACULTY
Ruchita	1BY15CS072	
Supriya	1BY15CS088	
V.Archith	1BY15CS098	DEPARTMENT BUDGET INFO
Nikhil N Achar	1BY15CS057	
Ravisha S.V	1BY16CS410	RESULT ANALYSIS SYSTEM
Srinivas	1PL15CS048	
Chandrashekar S	1BY15CS020	MINUTES OF MEETING
Adarsh Kumar Sah	1BY15CS006	
Abhishek	1BY15CS004	TUTORIAL MANAGEMENT SYSTEM
Gaurav Raj	1BY15CS041	
Shalini Bn	1BY15CS080	TIMETABLE GENERATION
Sandhya M	1BY15CS078	
Thatode Sai Surya Abhishek	1BY15CS108	PROFESSIONAL BODY COORDINATOR
Sourabh Bangar	1BY15CS106	
Vishnu Menon	1BY15CS102	
Nandini V	1BY15CS055	LAB INFORMATION SYSTEM

Bhavya Sah	1BY15CS018	
Shreya S	1BY15CS082	DEPARTMENT ADVISORY BOARD INFORMATION SYSTEM
Sushmitha N	1BY15CS089	
Rahul Raj Kr	1BY15CS109	PARENT TEACHERS MEETING
Preran Devaiah	1BY15CS066	
Harsha Bs	1BY15CS028	
Karthik	1BY15CS038	HIGHER STUDIES INFO
Manish K	1BY15CS046	
Vighnesh Raut	1BY15CS100	TEACHING LEARNING PROCESS
Tushar Sahay	1BY15CS095	
Umesh Daftari	1BY15CS097	
Shubhi Sharma	1BY15CS083	CANTEEN
Sunanda Banik	1BY15CS086	
T Sripad	1BY15CS090	CRITERIA 7
Ritwik Mohanty	1BY15CS113	
Jivesh	1BY15CS032	LIBRARY MANAGEMENT
Harshith	1BY15CS029	
Pavan Hoysal Ls	1BY15CS061	TECHNICAL SEMINAR COORDINATION
Preetham T	1BY15CS065	
Sahil Verma	1BY15CS076	COLLEGE SOCIAL NETWORK
Nitin Mishra	1BY15CS058	
Tanvi Bhakta	1BY15CS092	DESI DECK OF DAMES
N.Poornimanichala	1BY15CS059	FAREWELL INFORMATION
Ranjitha R	1BY16CS409	
Sinchana Mk	1BY16CS415	
Mohein Ranjitkar	1BY15CS053	PLATFORM FOR ARTISTS
Suhel Bastola	1BY15CS085	
Anam Khan	1BY15CS111	
P Vignesh	1BY15CS060	INDUSTRIAL VISIT INFORMATION
Tejas Vaidya	1BY15CS093	
Prafulla Sreevalsan	1BY15CS063	IDENTIFYING CURRICULUM GAPS
Kumar Rohit	1BY15CS042	FACULTY LOCATION SYSTEM
Sandeep Mn	1BY16CS412	3RD TEST QUESTION PAPER GENERATION
Sachin T	1BY15CS411	