



BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Avalahalli, Doddaballapur Main Road, Bengaluru – 560 064

DEPARTMENT OF CIVIL ENGINEERING

PBL COMPENDIUM
2020-2021
EVEN SEMESTER

PBL REPORT

Department of CIVIL ENGINEERING, BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT, Avalahalli, Yelahanka, Bengaluru organized a PBL Project Review on 30th and 31st July 2021 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 33 PBL batches chose the Civil Engineering Problems Based Projects and Innovative Solutions for the same through technical and smart methods. These projects were evaluated by internal committee on various rubrics.

BEST PROJECTS

The following are the selected PBL projects for External Evaluation

Open Day-2 (31.07.2021)		No. of Batches=	5	
PBL- 4th Semester- 2019-Batch- CV				
BATCH No.	MENTORS	STUDENTS NAME	USN No.	TOPIC
4	Dr ANUPKUMAR G EKBOTE	Rajeshwari S	1BY20CV415	SOLID WASTE MANAGEMENT IN THE SMART CITIES
		Shravana J	1BY20CV417	
		Dhanush K	1BY20CV404	
		Mithun K R	1BY20CV406	
6	Dr DEEPAK M S	Harini B S	1BY19CV013	STUDY ON STRENGTH CHARACTERISTICS OF SELF COMPACTING SELF CURING CONCRETE BY UTILISING INDUSTRIAL WASTES
		Madhan Kumar J	1BY19CV019	
		Renuka C T	1BY19CV029	
		Tharun S	1BY19CV042	
12	Mrs SHIMNA M	Siri K Gattimane	1BY18CV042	SAFETY ROLLER CRASH BARRIERS
		Shraddha Patil	1BY19CV037	
		Taiyab Ameen	1BY19CV041	
		Chiranjeevi K N	1BY19CV004	
15	Mrs. SHOBHA R	Darshini D	1BY19CV005	LEACHATE MONITORING USING SENSOR
		Vishruth Gowda M	1BY19CV045	
		Shiva Prasad K R	1BY19CV036	
		Kushal V R	1BY19CV017	
16	Mr. VINOD B R	Divya Shree H M	1BY19CV010	SMART DOOR UNLOCK SYSTEM USING FACE RECOGNITION
		Shashank S T	1BY19CV035	
		Dasharath D Kotian	1BY19CV006	
		Syed Nizamudeen S	1BY19CV040	

Open Day-2 (31.07.2021)		No. of Batches= 5		
PBL- 6th Semester -2018-Batch- CV				
BATCH NO.	Mentors	STUDENT'S NAME	USN No.	TOPIC
3	Dr RAJESH GOPINATH	RITHIKA RAJ	1BY18CV036	AUTOMATION IN IRRIGATION USING IOT
		ALEKHYA B	1BY18CV007	
		NITISH SHARMA	1BY18CV031	
		JOASH MAHESH KOSHY	1BY18CV019	
5	Dr P VELUMANI	BHARGAVI G V	1BY19CV401	EXPERIMENTAL STUDY ON CONCRETE CONTAINING COCONUT FIBRE
		MANISHA T V	1BY19CV402	
		SHANMATHI P	1BY19CV404	
		SOUMYA V	1BY19CV405	
7	Mrs SHOBHA R	NAMITHA B M	1BY18CV029	UTILIZATION OF PLASTICS IN MANUFACTURING BRICKS
		RAVI KUMAR A	1BY19CV403	
		CHETHAN A	1BY19CV400	
		K LAKSHMI SAI VENKAT, MALLAPPA	1BY18CV020, 1BY19CV405	
10	Dr CHANDRA SHEKHARAPPA A	KAVYA K	1BY18CV022	GROUNDWATER RECHARGE BY USING PERVIOUS CONCRETE
		MOUNIKA B M	1BY18CV027	
		YERUVA RAVI TEJA REDDY	1BY18CV064	
		S DHARSHITHA	1BY16CV049	
13	Dr. RAJESH GOPINATH	GURUDEEP G	1BY18CV016	AUTOMATED ARTIFICIAL INTELLIGENCE BASED ELEVATED SHOULDERS
		MANOHAR B M	1BY18CV023	
		SUNKARA CHETAN	1BY18CV050	
		FAISAL FAREED WANI	1BY18CV015	



BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT
Avalahalli, Doddaballapur Road, Bengaluru-560064
DEPARTMENT OF CIVIL ENGINEERING
PBL- PHASE- 1 (08.06.2021)



TITLE:

STUDY On STRENGTH CHARACTERISTICS OF SELF COMPACTING SELF CURING CONCRETE BY UTILISING INDUSTRIAL WASTES.

PRESENTED BY:

MADHAN KUMAR J	(1BY19CV019)
THARUN S	(1BY19CV042)
HARINI B S	(1BY19CV013)
RENUKA C T	(1BY19CV029)

GUIDED BY:- **DR. DEEPAK M S**

Department of civil



10:48 AM | PBL OPEN DAY - (31.07.2021)

Invitation for PBL- Open Day- Pri x Meet - PBL OPEN DAY - (31.07.2021) x

meet.google.com/cao-nqoa-kzn?pli=1&authuser=1

REC RITHIKA RAJ CV-2018-22 is presenting

AUTOMATION IN IRRIGATION USING IOT

Team:
 Alekhya B (1BY18CV007)
 Rithika Raj (1BY18CV036)
 Joash Mahesh Koshy (1BY18CV019)
 Nitish Sharma (1BY18CV031)

Guide:
 Dr. Rajesh Gopinath
 Assistant Professor

10/06/2021

HoD CIVIL ENGG., Ravi Jayanna, RITHIKA RAJ CV-2018...

ALEKHYA B CV-2018-22, NITISH SHARMA CV-2018-22, Anupkumar G Ekbote

KAVYA K CV-2018-22, GURUDEEP G CV-2018-22, Bhargavi G V CV-2019...

Shanmathi.P CV-2019..., SUNKARA CHETHAN..., MOUNICA B M CV-20...

JOASH MAHESH KOS..., 3 others, You

9:17 AM | PBL OPEN DAY - (31.07.2021)

PBL- Open Day Li...docx Show all x

Type here to search Meet - PBL OPEN D... Selected PBL projec... PBL- Evaluation For... 61% 22°C 9:17 AM 7/31/2021

REC RAJESHWARI S CV-2019-23 is presenting

BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT
 Avalahalli, Doddaballapur Road, Bengaluru-560064
 DEPARTMENT OF CIVIL ENGINEERING
 Open Day [College level project/PBL Exhibition] - 2021

SOLID WASTE MANAGEMENT IN THE SMART CITIES

Names[USN] : 1. Rajeshwari S [1BY20CV415]
 2. Shravana J [1BY20CV417]
 3. Dhanush K [1BY20CV404]
 4. Mithun K R [1BY20CV406]

Under the Guidance of **Dr. Anupkumar G Ekbote,**
 Assistant Professor, Department of Civil Engineering, BMSIT&M

RAJESHWARI S..., Ravi Jayanna, SUNKARA CHET...

MANOHAR B M..., Anupkumar G E..., MADHAN KUM...

SHRAVANA J CV..., PUNEETH KUMA..., HoD CIVIL ENGG.

GURUDEEP G C..., VISHRUTH GO..., DHANUSH K CV...

BHARATH SING..., THARUN S, MITHUN K R CV...

KRISHNA MALL..., KUSHAL V R CV..., You

10:28 AM | PBL OPEN DAY - (31.07.2021)

Faculty Coordinator

HoD/ CV

Dr. Deepak M S

Prof. Rajakumara H N

The following are the winners of PBL projects based on External Evaluation conducted on OPEN DAY-2 on 31.07.2021:

Open Day-2 (31.07.2021)		Winners		
PBL- 4th Semester- 2019-Batch- CV				
Winners	MENTORS	STUDENTS NAME	USN No.	TOPIC
1st Place	Dr ANUPKUMAR G EKBOTE	Rajeshwari S	1BY20CV415	SOLID WASTE MANAGEMENT IN THE SMART CITIES
		Shravana J	1BY20CV417	
		Dhanush K	1BY20CV404	
		Mithun K R	1BY20CV406	
2nd Place	Dr DEEPAK M S	Harini B S	1BY19CV013	STUDY ON STRENGTH CHARACTERISTICS OF SELF COMPACTING SELF CURING CONCRETE BY UTILISING INDUSTRIAL WASTES
		Madhan Kumar J	1BY19CV019	
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		SUNKARA CHETAN	1BY18CV050	
		FAISAL FAREED WANI	1BY18CV015	