



BMS INSTITUTE OF
TECHNOLOGY & MANAGEMENT
(Autonomous Under VTU)

DEPARTMENT OF MECHANICAL ENGINEERING

PBL COMPENDIUM

2022 -23

ODD SEMESTER



DEPARTMENT OF MECHANICAL ENGINEERING

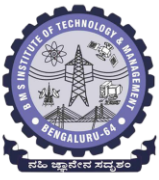
The Department of Mechanical Engineering, BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT, Avalahalli, Yelahanka, Bengaluru organized a PBL Project review on 12th and 13th January 2023 to exhibit the project work carried out by the students of the III and V semester students. These projects showcase the student's ability to apply their learning to solve the real-world problems.

In this semester, III semester students were grouped into 7 PBL batches (four students in each batch), while V semester students were grouped into 15 PBL batches (four students in each batch) and totally 22 PBL batches carried out different projects. Most of the projects involves design and fabrication work and few were simulation or analysis based. All these projects were evaluated by internal committee on Thursday, 12th January 2023 based on the various rubrics in preliminary round and after critical evaluation 5 best projects from V semester and 3 best projects from III semester batches were selected for final round for OPEN DAY – Exhibition on Friday, 13th January 2023.

The details are as follows:

Semester: V

SI NO.	Group/ Batch No.	Name of the student	USN	Title of the Project	Name of the Guide
1	B1	BHOOMIKA BHAT	1BY20ME009	POWER GENRATION USING FARADAY THEORY	Dr. KEERTH IKUMAR N
		RAHUL KUMAR	1BY20ME037		
		SHREYAS KASHYAP	1BY20ME044		
		V V SAI VEEKSHANA	1BY20ME048		
2.	B3	ATHARVA DESAI	1BY20ME007	AUTOMATED WATER TANK CLEANING MACHINE	PROF. K. CHANDRASHEKARA REDDY
		CHETAN GADA	1BY20ME011		
		GAURAV TRIPATHI	1BY20ME017		
		LOBEMO MARK KIKON	1BY20ME020		
3.	B10	SHYLESH A	1BY21ME410	AUTOMATED STREET LIGHT CONTROLLER	PROF. T N PRAVEEN KUMAR
		NAVEEN N M	1BY21ME407		
		TARUN R	1BY21ME412		
		SHIVRAJ	1BY20ME043		

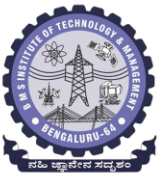


4.	B6	ANANTHA H V	1BY21ME400	AUTOMATED COCONUT CREAPER	PROF. NITHYA POORNIMA
		HEMANTH KUMAR G	1BY21ME404		
		S CHANDAN DEVADATT	1BY21ME409		
		VISHWANATH S M	1BY21ME414		
5	B7	MOHIT K M	1BY20ME028	WATER LEVEL INDICATOR	Prof. SRIGANESH T G
		PAVAN M	1BY20ME035		
		M JAWAHAR BABU	1BY20ME024		
		NISHANTH M	1BY19ME402		

Semester: III

SI NO.	Group/ Batch No.	Name of the student	USN	Title of the Project	Name of the Guide
1	B3	JOTHISHWAR KANNAN	1BY21ME016	PICK AND PLACE ROBOT	PROF. SUNDARESH S
		R ANANTH	1BY21ME017		
		SYED ZAID	1BY21ME018		
		HARSH YADAV	1BY21ME015		
2.	B4	AISHWARYA V	1BY21ME006	IMPROVING AERODYNAMICS WITH BIOMIMICRY	DR. Y J JAGADEESH
		GANESH S	1BY21ME014		
3.	B7	MADHUKIRAN A.E.	1BY21ME018	DEDICATED HIGHWAY OVERHEAD LANES	DR. RAVICHNADRA K
		PRASANNA.S	1BY21ME023		
		PRUTHVI.P	1BY21ME024		
		YASH HARSHAD GODISHWAR	1BY21ME039		

In the final round held OPEN DAY on Friday, 13th January 2023, Mr. BALAKRISHNA KAMAT, Senior Manager - Operations, Supply Chain Analytics, Genpact Pvt Ltd, Bengaluru as External Industry expert and Dr. O GURUMOORTHY, Assistant Professor as Internal Academic member critically evaluated these projects based on the societal relevance, completion of the set objectives, presentation and queries and finally rated the projects based on the marks scored. Top two projects from each semester were awarded with a cash prize. The details of the award-winning projects are as follows:



PRIZE WINNERS List

Semester: V

SI NO.	Name of the student	USN	Title of the Project	Name of the Guide	POSITION
1	BHOOMIKA BHAT	1BY20ME009	POWER GENRATION USING FARADAY THEORY	Dr. KEERTH IKUMAR N	I PRIZE
	RAHUL KUMAR	1BY20ME037			
	SHREYAS KASHYAP	1BY20ME044			
	V V SAI VEEKSHANA	1BY20ME048			
2.	ATHARVA DESAI	1BY20ME007	AUTOMATED WATER TANK CLEANING MACHINE	PROF. K. CHANDRASHEKARA REDDY	II PRIZE
	CHETAN GADA	1BY20ME011			
	GAURAV TRIPATHI	1BY20ME017			
	LOBEMO MARK KIKON	1BY20ME020			

Semester: III

SI NO.	Name of the student	USN	Title of the Project	Name of the Guide	POSITION
1	AISHWARYA V	1BY21ME006	IMPROVING AERODYNAMICS WITH BIOMIMICRY	DR. Y J JAGADEESH	I PRIZE
	GANESH S	1BY21ME014			
2.	MADHUKIRAN A.E.	1BY21ME018	DEDICATED HIGHWAY OVERHEAD LANES	DR. RAVICHNADRA K	II PRIZE
	PRASANNA.S	1BY21ME023			
	PRUTHVI.P	1BY21ME024			
	YASH HARSHAD GODISHWAR	1BY21ME039			



Glimpses of OPEN DAY – Project Exhibition



