



BMSINSTITUTE OF TECHNOLOGY AND MANAGEMENT

Avalahalli, yelahanka – bangalore – 560064

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PBL Compendium

2022-23

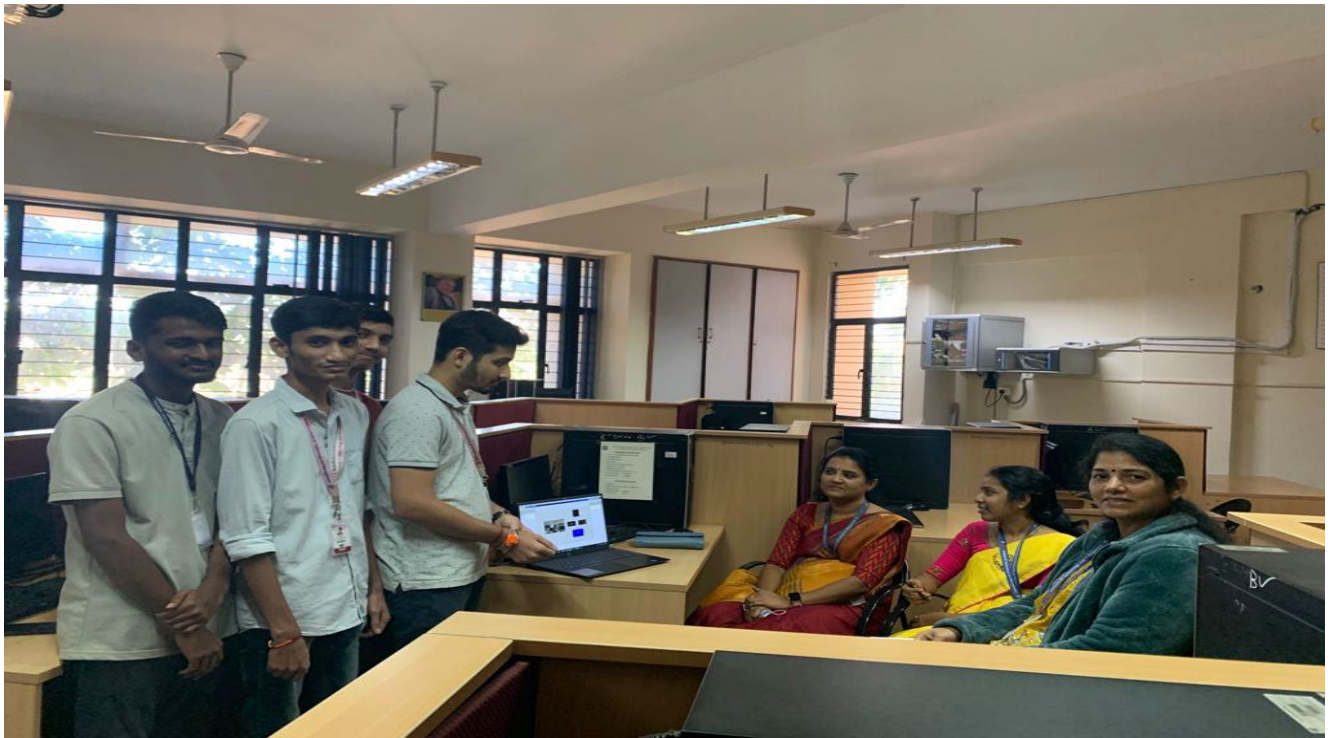
Odd Semester

PBL REPORT

Department of Electronics and Communication Engineering, BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT, Avalahalli, Yelahanka, Bengaluru organized a BMSIT open day on 13th January 2023 in physical mode and students of III and V semester exhibited their projects. The projects exhibited the student's ability to apply their learning to solve the real world problems.

This semester around 105 PBL batches participated in PBL exhibition and 19 Projects were selected for second round of evaluation. These projects were presented on open day and evaluated by panel members consisting of external (from industry) and internal members based on various rubrics.





JUDGES FOR THE EVALUATION

- 1) **Mr. Shekar R**, AGM/Power Electronics, BHEL, Bangalore.
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- 2) **Mr. Mr.Jerin**, Solutions Support Engineer, SAP Labs, Bangalore, India.
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PRIZE WINNERS LIST

V Semester

Sl.NO	Name	USN	Title	Guide
First Prize				
1	Achyutha gowda C P	1BY20EC009	Silk Cocoon Quality Detection System	Dr.Vijayalakshmi G V
	Alla Vamsi Krishna	1BY20EC021		
	Gangaraju Kushal Varma	1BY20EC065		
	Leti Manish Kumar	1BY20EC090		
2	S Kedhar simha	1BY20EC139	Foot Step Power Generation Using Piezo Electric Sensor	Prof. Suryakanth B
	Rakshit govind T	1BY20EC133		
	Rahul shindhe	1BY20EC130		
	Yashwanth t	1BY20EC192		
3	Tarun U	1By20ec200	Hand Gesture Recognition Using MATLAB	Dr. Anil Kumar D
	Chandu	1by20ec049		
	CHARAN G S	1BY20EC050		
	CHIRAG KUMAR N	1BY20EC051		
Second Prize				
4	Swathi G S	1BY20EC173	Detection of Kidney Stone Using Image Processor	Prof. Shilpa Hiremath
	Vanchireddy Deepika	1BY20EC181		
	Yashodha S Sridhar	1BY20EC191		
	Yasmeen Taj H	1BY20EC193		
5	Rahul kumar	1by20ec129	Red Light Accident Prone System	Prof. Asha G Hagargund
	VAISHNAVI	1BY20EC180		
	RISHABH JAISWAL	1BY20EC136		
6	Jayanth.J	1BY20EC074	Application for Text Recognition, Detection and Translation With Speech Output	Prof. Thyagaraj Tanjavur
	Archana.B	1BY20EC031		
	Deekshitha.B.S	1BY20EC052		
7	H.C SIDDHARTHA REDDY	1BY20EC069	Fire Fighting ROBO	Dr. Rashmi N
	ABHISHEK K	1BY20EC004		
	P S AAKASH	1BY20EC115		
	N SOUNDARYA	1BY20EC105		

III Semester

S.NO	Name	USN	Title	Guide
First Prize				
1	K Rajmohan	1BY21EC064	Soil Nutrient Measurement System to Support Precision Forming	Dr. Vijayalakshmi G V
	K Shreyas	1BY21EC065		
	Karthik VT	1BY21EC067		
	Likitha SR	1BY21EC073		
2	Adithya R Hiremath	1BY21EC004	Autonomous Ship With Oceanographic Sensor	Dr. Anil Kumar D
	Anu C Patil	1BY21EC015		
	Basavaprabhu S H	1BY21EC027		
	G P Varshini	1BY21EC045		
3	Satyanarayan Prashar	1BY21EC139	GETIT Application	Prof. Shilpa Hiremath
	Saurav Mishra	1BY21EC140		
	Ram Kumar	1BY21EC122		
Second Prize				
4	Charithra V	1BY21EC032	Discern-NO	Dr. Anitha V R
	Greeshma KS	1BY21EC049		
	Dhanya Subhaschandra Bhat	1BY21EC040		
	Bharath Vasishtha R	1BY21EC029		
5	Spandan S Salimath	1BY21EC151	Automatic Irrigation System Adjustable According to the Season	Dr. Deepa N. Reddy
	Satish Mallappa B Patil	1BY21EC138		
	Suhas B S	1BY21EC154		
	Yugal Kishore V	1BY21EC182		
6	P.Shishir Aithal	1BY21EC101	OET Meter	Prof. Asha G Hagargund
	Karthik Patil	1BY21EC066		
	R Subhash	1BY21EC115		
	Jhenkar MJ	1BY21EC062		

PBL Coordinator

HoD (ECE)

Program Outcomes Mapped and justification

PBL projects are mapped to PO1, PO2, PO3, PO6, PO9, PO10, PO11, P012.