



Sandip Foundation's
Sandip Institute of Technology & Research Centre,
Mahiravani, Trimbak Road, Nashik - 422 213



**Department of Engineering Sciences and
Humanities**

Date:- 10/07/2022

NOTICE

All students of First year Engineering are hereby informed that the department of Engineering sciences and Humanities are organized the Project exhibition on 16/07/2022

The aim of the Project-Based Learning (PBL) for engineering students is to bridge the gap between theoretical knowledge and practical application by engaging students in real-world projects that foster critical thinking, problem-solving, collaboration, and innovation.

Prof. K. D. Jadhav
Event Coordinator

Prof J .M .Shah
HOD ESH

Activity Report
Of
Project Exhibition and Competition of
Project Based Learning
A.Y. 2021-22
On
16th July 2022



SANDIP
FOUNDATION

Organized by ,

Sandip Foundation's
Department of Engineering Sciences and Humanities
Sandip Institute of Technology and Research Centre, Nashik (MS)
DTE Code: 5109

Date: 16th July 2022

Aim : Project Based Learning -2022

Objectives:

- 1)To promotes and encourage students for research and innovation.
- 2)To emphasizes learning activities that are long-term, interdisciplinary and student-centric.
- 3)To provide every student the opportunity to get involved either individually or as a group so as to develop team skills and learn professionalism.

Venue: SITRC, Nashik

A- Building,
Ground Floor & First Floor

Conducted By: Sandip Foundation's,

Department of Engineering Sciences and Humanities
Sandip Institute of Technology and Research Centre, Nashik.

Participants : Students of First Year Engineering of Sandip Institute of Technology and Research Centre, Nashik.

Outcomes :

- 1)Project based learning increased students capacity and learning through shared cognition.
- 2) Learning by doing approach in PBL promoted long-term retention of material and replicable skills.
- 3)Students were able to draw on lessons from several disciplines and applied them in practical way.

About Event:

Department of Engineering Sciences and Humanities has conducted a Project Exhibition and Competition of PBL. Under this total 82 groups participated. The Project Exhibition innaugurated by Dr. M. M. Patil Sir in the presence of all Dean, HODs and faculty members of Sandip Institute of Technology and Research Centre, Nashik. Students were very enthusiastic during

their presentation. The project competition was split into following categories.

- 1) Social
- 2) Environmental
- 3) Safety Measures

Considering the above topics following projects selected as best in their categories as well best in separate branch.

1) Best in Categories :

Sr. No.	Category	Table No.	Name of Project
1.	Social	29	Child Labouring
		10	Women Safety
2.	Environmental	1	Air Purification by Charcoal
3.	Safety Measures	26	Collapse of Mahad Bridge
		76	Password Manager Using Crypto

1) Best in Separate Branch :

Sr. No.	Branch	Table No.	Name of Project
1.	Mechanical	4	Hydroelectricity
		31	LPG Gas Saver
		27	SCAVAT Piezoelectric Power Plant
2.	Computer	56	J-Snap
		48	E-Book Library by Using Python

3.	IT	60	Cab Booking Website
		68	Online Food
4.	Automation & Robotics	70	Obstacle Avoiding Robot
5.	AI & DS	76	Password Manager Using Crypto
		50	Teacher Time-Table Software Generation System Using Ph.p
6.	Electrical	3	Wireless Electric Vehicle & Charging
7.	Civil	26	Collapse of Mahad Bridge
		17	Vertical Bridge
8.	E & TC	13	Automatic Street Light Using LDR
		24	Water Level Indicator

Snaps of The Event :



Inauguration of PBL Exhibition -2022 by Dean Admin Prof. Dr. M.M.Patil



Observations of Project by Dean Academics and Staff members of SITRC



Students demonstrating their projects to staff of SITRC



Prof. Abhay Gaidhani Evaluating the project exhibited by students







Faculties of SITRC Guiding and Motivating Students for new research areas

Prof. K. D. Jadhav
Event Coordinator

Prof. J. M. Shah
HOD

Dr. S. T. Gandhe
Principal, SITRC

