



**A.Y. DADABHAI TECHNICAL
INSTITUTE, KOSAMBA**
DEPARTMENT OF MECHANICAL ENGINEERING



A REPORT

On

STUDENTS PROJECT FAIR

[PRAKALP-2023 “Passion Creates Opportunity”]

Held at

A Y DADABHAI TECHNICAL INSTITUTE (POLYTECHNIC), KOSAMBA

On

29thAPRIL 2023, Saturday



A **Students Project Fair cum competition** under “**PRAKALP’2023 – Passion Creates Opportunity**” was held on **29thApril 2023** at **A. Y. Dadabhai Technical Institute (Polytechnic), Kosamba** with participation of **61 final year students** with **12 projects** from the Mechanical department.

Project working models were prepared & displayed on various innovative ideas by students from Mechanical department.

Prominent jury members from the field of academic as well as industry were invited to evaluate the effort put-up by students in the form of Projects. Minimum two experts per branch were invited as judge.

The event started at 9:30 am, with all jury members after taking a brief look at all projects, had a through interaction with members of project groups during evaluation process. The discussion of Industry & Academic expert with student was very fruitful & beneficial.

All pre-final year students were involved in this fair & they took a very keen interest in all projects, which turned out to be a great learning experience for them. Parents, ITI staff and students, Industry experts as well as Alumni members were also among visitors to motivate students for their innovative work.

Participant Details:

SR. NO.	DEPARTMENT	SEMESTER	GROUPS(PROJECTS)	STUDENT S
1	MECHANICAL	6th	12	61
TOTAL			12	61

Jury Members:

SR. NO.	NAME	DESIGNATION	INSTITUTE/ ORGANIZATION	BRANCH
1	Dr. Kandarp Joshi	H.O.D.	Pacific School of Engineering, Chalthan Surat	Mechanical
2	Mr. Dinanath Akela	Energy Consultant	Hazira Industries Group, Surat	

The Evaluation Process (Photos):



Mechanical Engineering – Project Competition “PRAKALP – 2023”.





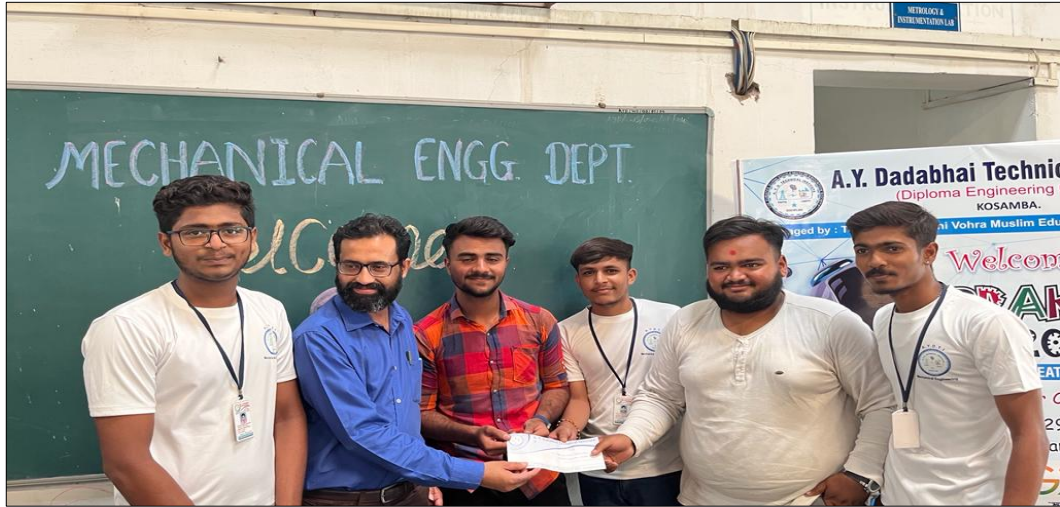
Project Evaluation by (i) Mr. Dinanath Akela (ii) Dr. Kandarp Joshi



Principal Dr. D.V. Patel Discuss with Students



Students with their Projects



1st Prize Winner



2nd Prize Winner



3rd Prize Winner

Evaluation Results:

SR. NO.	PROJECT TITLE	RANK	DEPARTMENT
1	DESIGN AND FABRICATION OF ELECTROMAGNETIC SUSPENSION SYSTEM	1	MECHANICAL- A&B
2	LPG REFRIGERATOR	2	
3	SOLAR GRASS CUTTER		
4	POWER GENERATION THROUGH SPEED BREAKER	3	

The event concluded with HOD, **Mr. K.H.PATEL and Mr. P.J.SURTI** congratulating all winners as well as participants, along with faculty guides for the success of **Students Project Fair, 'PRAKALP-2023'**. He also thanked all Jury members who have spared their valuable time in making the event a great success.

Feedbacks:

- This event can encourage the student to do the projects related to engineering. This kind of event motivates other student who has not participated and who will participate next year one suggestion for students is that “What ever you do, do your best, gather the knowledge related to your project each and every part of working and theoretical information”. All the best to all.

Mr. Dinanath Akela (Energy Consultant, Surat)

- Innovative projects use of alternative sources like solar is used as power sources. Projects Demonstration can be directly used for daily purpose with few modifications. Keep it up.

Dr. Kandarp Joshi (HOD Mechanical, Pacific Engg. College)