



A.Y. DADABHAI TECHNICAL INSTITUTE, KOSAMBA

DEPARTMENT OF MECHANICAL ENGINEERING



A REPORT

On

STUDENTS PROJECT FAIR

[PRAKALP-2024 "Passion Creates Opportunity"]

Held at

A Y DADABHAI TECHNICAL INSTITUTE (POLYTECHNIC), KOSAMBA

On

20thAPRIL 2024, Saturday



A **Students Project Fair cum competition** under “**PRAKALP’2024 – Passion Creates Opportunity**” was held on **20thApril 2024** at **A. Y. Dadabhai Technical Institute (Polytechnic), Kosamba** with participation of **43 final year students** with **10 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 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 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	10	43
TOTAL			10	43

Jury Members:

SR. NO.	NAME	DESIGNATION	INSTITUTE/ ORGANIZATION	BRANCH
1	Mr. Sanjay Makwana	R & D, Manager	Dormer Pramet India Pvt. Ltd. G.I.D.C. Ankleshwar.	Mechanical

The Evaluation Process (Photos):



Mechanical Engineering – Project Competition “PRAKALP – 2024”.





Project Evaluation by Mr. Sanjay Makwana



Director Mr. M. M. Dalchawalsir's Discussion with Students



Students with their Projects

Evaluation Results:

SR. NO.	PROJECT TITLE	RANK	DEPARTMENT
1	WIRELESS REMOTE CONTROLLED METAL DETECTION ROBOT	1	MECHANICAL
2	SOLAR BASE MULTIPURPOSE AGRICULTURE VEHICLE	2	
3	360° FLEXIBLE DRILLING MACHINE	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-2024'**. 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 “Whatever 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.
- 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.

Mr. Sanjay Makwana (R & D Manager, Dormer Pramet India Pvt. Ltd. Ankleshwar).