

2024 -25



REPORT ON PRAKALP 2025

STUDENTS PROJECT FAIR

“Design, Innovative, Excel: Building Tomorrow Today”

[PRAKALP-2025 “Passion Creates Opportunity”]

Held at

**A Y DADABHAI TECHNICAL INSTITUTE
(POLYTECHNIC), KOSAMBA, SURAT.**

Under

Institute innovation council



DATE:- 26 Apr 2025



TIME:-10:00 A.M



Prakalp-2025 Report

On 26th April 2025 , A. Y. Dadabhai Technical Institute (Polytechnic), Kosamba hosted a dynamic event called "**PRAKALP 2025**" '**Passion Creates Opportunity**," comprising a **Students Project Fair**. This initiative, spearheaded by the institute's **Innovation Council**, aimed to provide a platform for burgeoning young engineers to exhibit their talents and technical prowess. With a total of ____ project groups and participation from over ____ students representing all four departments, the fair fostered healthy competition and aimed to elevate participants' technical skills.

Students from the **Civil, Computer, Electrical, and Mechanical** departments meticulously prepared project models showcasing innovative ideas. Distinguished jury members from both academic and industrial spheres were invited to evaluate the projects, with experts assigned to each branch serving as judges. The event commenced at **10:00 am**, with the jury members engaging in thorough discussions and interactions with the project groups to assess their efforts.

The exchange between industry and academic experts and students proved to be immensely valuable, enhancing the learning experience for all involved. **Pre-final year students** actively participated in the fair, demonstrating keen interest in the diverse array of projects on display. The presence of **parents, industry experts, and alumni** further motivated the students and underscored the significance of their innovative work.

Overall, the project fair served as a testament to the institute's commitment to nurturing talent and fostering a culture of innovation among its students.

PARTICIPANT DETAILS

SR. NO.	DEPARTMENT	SEMESTER	GROUPS(PROJECTS)	STUDENTS
1	CIVIL	6th	01	08
2	COMPUTER (POSTER PRESENTATION)	6th	11	42
3	ELECTRICAL	6th	07	37
4	MECHANICAL- A&B	6th	06	29
	TOTAL		25	116

JURY MEMBERS

SR. NO.	NAME	DESIGNATION	INSTITUTE/ ORGANIZATION	BRANCH
1	1.Mr.Irbaz Ahmed Shaikh 2.Mrs.Shaina I.Shaikh	1.IT Analyst Technical Head 2.System Engineer	Tata Consultancy Services Vadodara	Computer Engineering
2	Mr.Hemraj vaghela	CO Founder Creative Packers & Technical Head	Planet Sales and Creative Packers	Electrical Engineering
3	Dr.Atul Shah	Principal	Valiya Polytechnic	Mechanical Engineering
4.	Dr.Atul Shah	Principal	Valiya Polytechnic	Civil Engineering

THE EVALUATION PROCESS (Photos)

Civil Engineering Project Evaluation

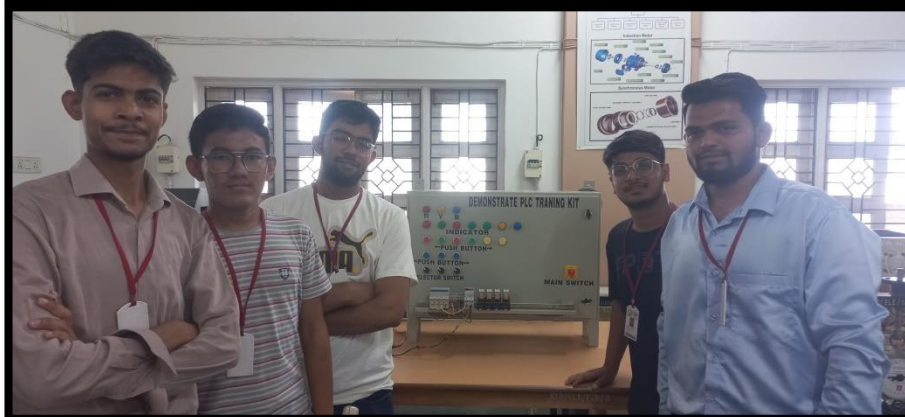


Civil Engineering Project Evaluation by Jury



Group Photo Civil Engineering

Electrical Engineering Project Evaluation by jury



Computer Engineering Poster presentation



Mechanical Engineering Project Evaluation by Jury



Group photo Mechanical Engineering

Evaluation Results

SR. NO.	PROJECT TITLE	RANK	DEPARTMENT
1	Self Healing Concrete	1	Civil Engineering
3	Android Application- Online Food Delivery	1	Computer Engineering
4	Voice Assistant Using Python	2	
5	Park Management System	2	
6	Panel Design For Sequential Operation Of Motor	1	Electrical Engineering
7	Implementation And Testing Of Protective Relays For Radial Feeder Protection Using Arduino	2	
8	Solar Cooker With Solar Tracking System	1	Mechanical
9	Abrasive Jet Machining	2	

Director Mr. M. M. Dalchawal expressed heartfelt gratitude to all **Heads of Departments (HODs)** and **jury members**, congratulating both the **winners** and **participants** of the '**PRAKALP-2025**' **Student Project Fair**. He extended special appreciation to the **faculty guides** for their significant contribution to the event's success and sincerely thanked the jury for their invaluable time and effort. **Prizes were awarded to all winning groups**, recognizing their innovative work and dedication.

Prepared by

Mr. M.A. SHEIKH (TPO)