

REPORT ON PRAKALP 2025-26

“Project Exhibition Cum Competition”

“Design, Innovate, Excel: Building Tomorrow Today”



Organized By :- TRAINING & PLACEMENT CELL



Sponsored By:-

A.Y.DADABHAI TECHNICAL
INSTITUTE KOSAMBA, SURAT

We are proud to present the successful completion of Prakalp 2025-26: Project Exhibition Cum Competition, organized by the Training & Placement Cell of A.Y. Dadabhai Technical Institute, Kosamba, Surat, on Tuesday, 21 April 2026.

The event served as a dynamic platform for students to showcase their creativity, technical knowledge, and innovative thinking under the theme “Design, Innovate, Excel: Building Tomorrow Today.” With enthusiastic participation from over 148 students, the exhibition featured 21 innovative projects and 14 informative posters across various engineering disciplines.

Students demonstrated exceptional skills, presenting solutions to real-world challenges through their projects, reflecting both academic excellence and practical application. The event not only encouraged innovation and teamwork but also enhanced students' confidence, communication, and problem-solving abilities.

We extend our sincere appreciation to all participants, faculty members, judges, and organizers whose dedication and efforts made this event a grand success. Prakalp 2025-26 stands as a testament to the institute's commitment to nurturing future innovators and engineers.

on Tuesday, 21 April 2026

“Project Category”



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A.Y.DADABHAI TECHNICAL INSTITUTE KOSAMBA, SURAT

The project competition “Prakalp-2026” was successfully organized by A. Y. Dadabhai Technical Institute (Polytechnic), Kosamba, on 21st April 2026 for final year diploma engineering students. The event aimed to provide a platform for students to showcase their technical skills, innovative ideas, and practical knowledge gained during their academic journey.

The competition witnessed enthusiastic participation from students across various engineering disciplines. A wide range of projects (Mechanical-7, Electrical-7, Civil-2, and Computer-5 & 14 Posters) were exhibited, focusing on real-world problem-solving, sustainability, automation, and modern technological advancements. The event served as an excellent opportunity for students to demonstrate creativity, teamwork, and application of engineering concepts.

A panel of distinguished judges, including academic experts and industry professionals, evaluated the projects based on innovation, feasibility, presentation, and technical understanding. The interaction between students and judges encouraged constructive feedback and knowledge exchange.

The program was inaugurated in the presence of Mr.M.M Dalchawal (Director), Mr.Shakir Dinath (I/C Principal), Head of Departments, faculty members, and invited guests. Throughout the event, participants actively engaged in explaining their projects, while visitors appreciated the efforts and ingenuity displayed by the students.

The program was hosted by Mrs. Sneha Manik (I/C H.O.D Electrical Dept.) following the prize distribution ceremony, where the best projects were recognized for their outstanding performance and innovation. The proceedings concluded with a vote of thanks delivered by Mr. Saeed Shaikh, Training and Placement Officer, followed by the national anthem."

Overall, the event was a grand success and reflected the institute’s commitment to promoting practical learning and industry-oriented education among diploma engineering students.

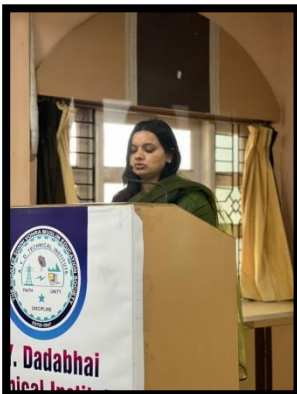
PARTICIPANT DETAILS

SR. NO.	DEPARTMENT	SEMESTER	GROUPS(PROJECTS)	STUDENTS
1	CIVIL	6th	02	08
2	COMPUTER (POSTER +PROJECT)	6th	14 Poster+5 Project	64
3	ELECTRICAL	6th	07	42
4	MECHANICAL- A&B	6th	07	31
TOTAL			21 Project+14 Poster	145

JURY MEMBERS

SR. NO.	NAME	DESIGNATION	INSTITUTE/ ORGANIZATION	BRANCH
1	Mr.Himanshu Prajapati	Founder & CEO,	Techomax Solution,Bharuch	Computer Engineering
2	Mr.Chirayu Patel	Asst.Professor	S.V.M.I.T. Bharuch	Electrical Engineering
3	Mr. Sagar Panchal	Owner	Ganesh Engineering Works,	Mechanical Engineering
4.	Mr. Sagar Panchal	Owner	Ganesh Engineering Works,	Civil Engineering

THE EVALUATION PROCESS (Photos)



Civil Engineering Project Evaluation

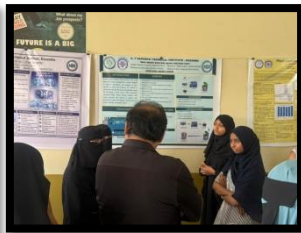


Civil Engineering Project Evaluation by Jury

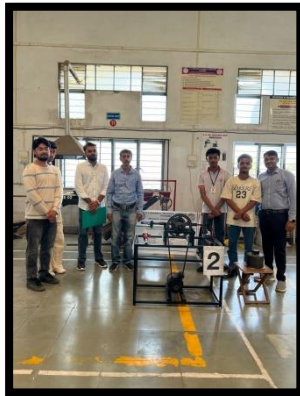
Electrical Engineering Project Evaluation by jury



Computer Engineering Poster and Project Evaluation by Jury



Mechanical Engineering Project Evaluation by Jury



Evaluation Results

SR. NO.	PROJECT TITLE	RANK	DEPARTMENT
1	Design And Estimation Of Pervious Concrete In A.Y.D.T.I. Parking	1	Civil Engineering
3	NEXT GEN INFORMATION SECURITY WITH BLOCKCHAIN	1	Computer Engineering (Poster Presentation)
4	MINI SMART DUSTBIN USING ARDUINO UNO	2	
5	INTELLIGENT ROAD SAFETY FOR HUMANANIMAL PROTECTION	3	
6	SIA PROJECT	1	Computer Engineering(Project)
7	INVENTORY MANAGEMENT SYSTEM	2	
6	Transformer Differential Protection Using Arduino	1	Electrical Engineering
7	Transformer Changeover with Fault Detection and Interlocking	2	
8	Solar Dryer	1	Mechanical
9	Solar Operated Air Cooler	2	

Training and Placement Officer Mr. M. A. Sheikh expressed heartfelt gratitude to all Heads of Departments (HODs) and jury members, and congratulated 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 success of the event and sincerely thanked the jury members for their valuable time and efforts. Prizes were awarded to all winning groups in recognition of their innovative work and dedication.

Prepared by:
Mr. M.A. Sheikh (Training & Placement Officer)
A.Y.Dadabhai Technical Institute, Kosamba