



A REPORT

On

STUDENTS PROJECT FAIR & POSTER PRESENTATION

[PRAKALP-2024 "Passion Creates Opportunity"]

Held at

A Y DADABHAI TECHNICAL INSTITUTE (POLYTECHNIC), KOSAMBA

Under

Institute innovation council

On

20th April 2024

A. Y. DADABHAI TECHNICAL INSTITUTE (POLYTECHNIC), KOSAMBA
Managed by : The Suratee Sunni Vohra Muslim Education Society, Surat.

TRUSTED TO DELIVER EXCELLENCE

PRAKALP-2024

(Project Exhibition cum Competition)

" Design, Innovate, Excel : Building Tomorrow Today "

20+ Project's | 10+ Posters Presentation | 160+ Students

On Saturday, 20th April 2024

PROJECT CATEGORY

Mechanical Engineering | Civil Engineering | Electrical Engineering

POSTER PRESENTATION

Computer Engineering

Prakalp-2024 Report

On April 20, 2024, A. Y. Dadabhai Technical Institute (Polytechnic), Kosamba hosted a dynamic event called "PRAKALP'2024-‘Passion Creates Opportunity,'" comprising a Students Project Fair & Poster presentation. 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 21 project groups, 12 posters presentation and 160 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 and posters showcasing innovative ideas. Distinguished jury members from both academic and industrial spheres were invited to evaluate the projects, per branch serving as judges. The event commenced at 9:30 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/POSTER'S)	STUDENT S
1	CIVIL	6th	05	31
2	COMPUTER (POSTER PRESENTATION)	6th	12	47
3	ELECTRICAL	6th	06	32
4	MECHANICAL- A&B	6th	10	43
TOTAL			33	153

JURY MEMBERS

SR. NO.	NAME	DESIGNATION	INSTITUTE/ ORGANIZATION	BRANCH
1	PROF. KARM P BALAR	ASSISTANT PROFESSOR,	S.S.A.S. I.T. COLLEGE, SURAT	CIVIL ENGINEERING
2	MR.RITESH MISTRY	PROJECT MANAGER	BLUE HALL (OPC PVT.LTD.)	COMPUTER ENGINEERING
4	MR. HIMANSHU PATEL	EXECUTIVE ENGINEER	VRINDAVAN PHOSPHATE	ELECTRICAL ENGINEERING
6	MR.SANJAY MAKWANA	R & D, MANAGER	DORMER PRAMET INDIA PVT. LTD. G.I.D.C. ANKLESHWAR.	MECHANICAL ENGINEERING

THE EVALUATION PROCESS (Photos)

Civil Engineering Project Evaluation



Civil Engineering Project Evaluation by Jury



Group Photo Civil Engineering

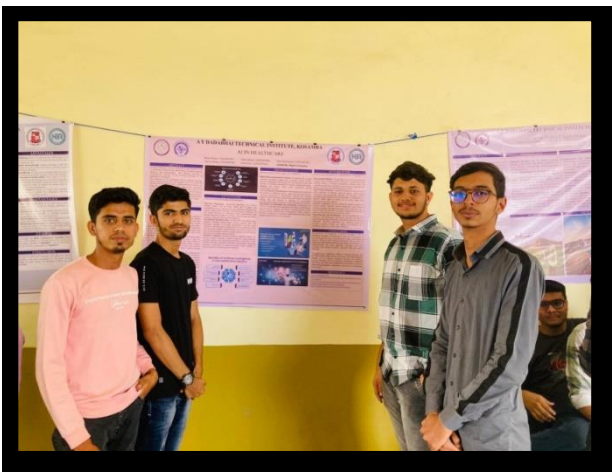
Electrical Engineering Project Evaluation by jury





Group photo Electrical Engineering

Computer Engineering Poster presentation



Mechanical Engineering Project Evaluation by Jury



Group photo Mechanical Engineering

Evaluation Results

SR. NO.	PROJECT TITLE	RANK	DEPARTMENT
1	GEO POLYMER CONCRETE.	1	CIVIL ENGINEERING
2	CONSTRUCTION OF BITUMINOUS ROAD WITH PLASTIC WASTE	2	
3	AI IN HEALTH CARE	1	COMPUTER ENGINEERING
4	AI ENABLE IOT	2	
5	AMAZON WEB SERVICE	3	
6	THE DESIGN & CONSTRUCTION OF SUBSTATION WITH PROTECTION & OPERATION OF DIFFERENT DEVICE WITH MEASUREMENT OF DIFFERENT PARAMETERS	1	ELECTRICAL ENGINEERING
7	TO TEST THE SATURATION CHARACTERISTICS OF CURRENT TRANSFORMER.	2	
8	WIRELESS REMOTE CONTROLLED METAL DETECTION ROBOT	1	MECHANICAL- A&B
9	SOLAR BASE MULTIPURPOSE AGRICULTURE VEHICLE	2	
10	360 ⁰ FLEXIBLE DRILLING MACHINE	3	

During the event's conclusion, Director Mr.M.M. Dalchawal expressed gratitude to all HODs and jury members, congratulating both winners and participants of the 'PRAKALP-2024' Student Project Fair. He extended appreciation to the faculty guides for their contribution to the event's success and thanked the jury for their invaluable time and effort.

Prepared by

Mr. M.A. SHEIKH (TPO)