



A REPORT

On

STUDENTS PROJECT FAIR

[PRAKALP-2022 "Passion Creates Opportunity"]

Held at

A Y DADABHAI TECHNICAL INSTITUTE (POLYTECHNIC), KOSAMBA

By

GTU INNOVATION CLUB

On

26th MARCH 2022



A **Students Project Fair** under **“PRAKALP’2022-‘Passion Creates Opportunity”** was held by **GTU Innovation Club** on **26th March 2022** at **A. Y. Dadabhai Technical Institute (Polytechnic), Kosamba** with participation of **253 final year students** with **49 projects** from all the branches at our Institute.

Project models as well as posters were prepared & displayed on various innovative ideas by students from Civil, Computer, and Electrical & Mechanical field.

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, 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)	STUDENTS
1	CIVIL	6th	10	45
2	COMPUTER	6th	13	56
3	ELECTRICAL	6th	8	71
4	MECHANICAL- A&B	6th	18	81
	TOTAL		49	253



JURY MEMBERS

SR. NO.	NAME	DESIGNATION	INSTITUTE/ ORGANIZATION	BRANCH
1	DR. ATUL S SHAH	PRINCIPAL	VIDHYABHARATI TRUST POLYTECHNIC COLLEGE, UMRAKH	MECHANICAL
2	MR. ROHAN MANIK	Q/C MANAGER	PGP GLASS PVT. LTD. KOSAMBA	
3	MR. KARTIK MUJADIA	PROPRIETOR	SAI ENTERPRISE, ICHHAPORE GIDC, SURAT	
4	MS.NAFISHA D SHAIKH	ASSISTANT PROFESSOR	DEPARTMENT OF CIVIL ENGG SCHOOL OF ENGINEERING P.P.SAVANI UNIVERSITY	CIVIL
5	MR. AMITSINH P YADAV	PROPRIETOR	R.P- CONSRUCTION G.I.D.C ANKLESHWAR	
7	MR. BHARATSINH CHAVDA	SENIOR MANAGER	UNIQUE CHEMICALS, PANOLI	ELECTRICAL
8	MR. V K PATEL	HEAD OF THE DEPARTMENT	R R.N.G. PATEL POLYTECHNIC-ISROLI,BARDOLI	
9	MR. RITESH J PATEL	SENOIR LECTURE AT	R.N.G. PATEL POLYTECHNIC-ISROLI, BARDOLI	COMPUTER
10	MR. MEMON UMAR	FOUNDER AND PARTNER	WEBSITE FACTORY	

THE EVALUATION PROCESS (Photos)



Electrical Engineering projects Evaluation by Jury



Electrical Engineering projects



Mechanical Engineering projects Evaluation by Jury



Computer Engineering projects Evaluation by Jury



Computer Engineering projects Events Photos



Civil Engineering projects Evaluation by Jury



Civil Engineering projects Events Photos

Evaluation Results

SR. NO.	PROJECT TITLE	RANK	DEPARTMENT
1	DEVELOPMENT OF ROAD (AYDTI)	1	CIVIL
2	PERVIOUS CONCRETE	2	
3	REUSE OF CONSTRUCTION &DEMOLATION WASTE IN BRIKS	3	
4	FOOD FOR NEEDY	1	COMPUTER
5	PAY ROLL SYSTEM	2	
6	ADS ON VEHICLE	3	
7	BUILT AND CONSTRUCT A TRANSMISSION LINE BY PROVIDING VARIOUS TYPES OF PROTECTIONS.	1	ELECTRICAL
8	DESIGN AND CONSTRUCT WORKING MODEL OF HYDRO POWER PLANT WITH AUTOMATIC SPILL WAYS CONTROL.	2	
9	DESIGN AND HARDWARE REALIZATION OF RELAY BASED PROGRAMMABLE SINGLE PHASE LOAD SHEDDING BETWEEN PARALLEL TRANSFORMERS.	3	
10	SOLAR BICYCLE	1	MECHANICAL- A&B

11	ANTI-TERRORISM ROBOT	2	
12	AGRICULTURE SPRAYER	3	

The event concluded with Directors MR.M.M.DALCHAWAL Speech. He thankful to all HOD's, **and jury's** & congratulating all winners as well as participants, along with faculty guides for the success of **Students Project Fair, 'PRAKALP-2022'**. He also thanked all Jury members who have spared their valuable time in making the event a great success.

Feedbacks:

- Dear all students & faculty all the projects of mechanical engineering is very good out of which the project of "Solar Bicycle" and "Anti-Terrorism Robot" is very good and there is scopes more important all the society and nation.

(Dr. A. S. Shah (Principal, UmraKh polytechnic, Bardoli)

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

(Mr. Rohan Manik (Q/C Manager, P.G.P. Glass, Kosamba)

- 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.

(Mr. Kartik Mujadia (Proprietor, Sai Enterprise, Surat)

Prepared by

Mr. M.A. SHEIKH

(TPO & Coordinator- GTU Innovation Club)