



A REPORT

On

STUDENTS PROJECT FAIR

[PRAKALP-2019 "Passion Creates Opportunity"]

Held at

A Y DADABHAI TECHNICAL INSTITUTE (POLYTECHNIC), KOSAMBA

By

GTU INNOVATION CLUB

On

23th MARCH 2019



A Students Project Fair under **“PRAKALP’2019-‘Passion Creates Opportunity”** was held by **GTU Innovation Club** on **23rd March 2019** at **A. Y. Dadabhai Technical Institute (Polytechnic), Kosamba** with participation of **197 final year students** with **39 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	06	50
2	COMPUTER	6th	08	28
3	ELECTRICAL	6th	09	43
4	MECHANICAL- A&B	6th	16	76
TOTAL			39	197



JURY MEMBERS

SR. NO.	NAME	DESIGNATION	INSTITUTE/ ORGANIZATION	BRANCH
1	Dr. ATUL S SHAH	Dean-South zone-GTU	Dr. S & S. S. Ghandhy College of Engineering & Technology	Mechanical
2	Mr. D B Patel	Sr. Lecturer	Dr. S & S. S. Ghandhy College of Engineering & Technology	
3	Mr. Chirag Oza	Senior Manager	STPL, Sachin	
4	Mr. Jayesh Chorawala	HR Manager	STPL, Sachin	
5	FIRDOS H MANSUR	Architecture	Moon Architect, Amroli	Civil
6	MR.H.M.Doshi	Lecturer	Government Polytechnic, Rajpipla	
7	MR.HIREN B.PARMAR	PROJECT HEAD	YUVA SKILL FOUADATION	Electrical
8	MR.HIMANSHU D.PATEL	ASST.ENGINEER	ONGC, Bharuch	
9	Mr. Gaurav Pansheriya	Owner	Megh Infosol, Surat	Computer
10	Mr. Nilesh Sangani	H.O.D & GTU Co-ordinator	STBS College of Engineering, Surat	

THE EVALUATION PROCESS (Photos)



Electrical Engineering projects Evaluation by Jury



Computer Engineering Project Evaluation by Jury



Evaluation of Civil Engineering project by jury





Mechanical Engineering Projects evaluation by Jury

Evaluation Results

SR. NO.	PROJECT TITLE	RANK	DEPARTMENT
1	Experimental study of partial replacement of aggregate by crumb rubber and sand by grain size water bottle plastic.	1	CIVIL
2	Stabilization of black cotton soil with using lime and fly ash.	2	
3	Online Snacks Selling	1	COMPUTER
4	Housing Society Management System	2	
5	To Design Electrical traction signal system and to give protection against traction accident	1	ELECTRICAL
6	Power control centre	2	
7	Eco Friendly Rod Cleaner	1	MECHANICAL- A&B
8	Hydro Generation Kit	1	
9	Solar panel tracker with metal detector conveyor belt system	2	
10	Test Rig of Air conditioning V.C.R.S system	2	

All winners were rewarded with prize along with appreciation certificates & all participants were motivated with participation certificates.

PRIZE DISTRIBUTION



Result announcement & prize distribution at the end of competition



Jury Members with Few Motivational Words to the Students

The event concluded with Director, **Mr. M M Dalchawal** congratulating all winners as well as participants, along with faculty guides for the success of **Students Project Fair, 'PRAKALP-2019'**. He also thanked all Jury members who have spared their valuable time in making the event a great success.

Feedbacks:

- All the projects of mechanical engineering are very good, out of which the project of “Hydro generator kit” is very good and there is scope of more improvement.

Dr.A. S. Shah (Dean GTU, Diploma Engineering)

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

Mr.Dharmendra Patel(Parents, Final year student)

- This event can encourage the student to do the projects related to engineering. This kind of event motivates other students who will participate next year. One suggestion for students is that “What ever you do, do your best, gather the knowledge related to your project each and every part of working model and theoretical information”. All the best to all.

Mr.Chirag Oza (Sr. Manager, STPL- Sachin)

- Real good experience for all projects. Students had done their level best that can be seen. College is good & atmosphere is also very nice. Workshop is good and have plenty of equipments. Over all my experience at **AYDTI** is very good, all members are cooperative.

Mr. Jayesh Chorawala, (HR Manager, STPL- Sachin)

- Project title & student work is good. Only need some more information about project data gathering and tools.

Mr. Gaurav Pansheriya (Owner, Megh Infosol- Surat)

- Future extension of projects & study with their innovation should be added by students. (Must needed for innovation)

Mr.Hiren Parmar (Project Head, Yuva Skill Foundation)

- Overall title selection is good for all projects. Need some more information before starting implementation. Good effort given by students & staffs.

Mr. Nilesh Sanghani (HOD-Comp, STBS College-Surat)

Prepared by

Mr. D. G. Kalathia (TPO & Coordinator- GTU Innovation Club)

Mr. Vishal More (T&P Asst.)