

Sampark

The official newsletter of Mechanical Engineering



Message from Principal

Development and sustainability of the industrial sector are dependent on the availability of trained and skilled manpower to perform multidimensional activities needed to keep the wheels of industry running.

The Government Polytechnic, Palanpur offers a variety of courses, with an emphasis on basic to advanced engineering techniques and tools, and rigorous task and project based learning under the guidance of experienced mentors.

We believe that students of Government Polytechnic, Palanpur would not only excel across several dimensions, like knowledge domain, skills, communication and basic human values, but they would also combine these with priceless qualities of mind and heart. It is for this important reason that we have succeeded in maintaining our position among leading Diploma in Engineering in the country.

The Training and Placement cell works tirelessly towards ensuring employment for all students across various industries and helping budding entrepreneurs in establishing successful businesses.

I wish them all the very best in all of their endeavors and promise to be associated with them in achieving & fulfilling their academic pursuits throughout their stay at the campus and even after.



Principal
Shri S. D. Dabhi



Message from HOD

We are pleased to share some of the exciting news in the Department of Mechanical Engineering at Government Polytechnic, Palanpur.

It makes students to gain a comprehensive knowledge and understanding of subjects. It aims to inculcate values of basic knowledge of Engineering, science, computer, mathematical, techniques of communication skill & management which will imbibe the ability to apply the basic problem solving techniques. After completion of diploma in mechanical engineering course students are eligible for the post of supervisor, foremen, marketing engineer, production engineer, foundry technician, service engineer, automobile engineers, instructor, draughtsman, workshop technicians, and workshop superintendents also. They have also one more opportunity to continue with the further education of degree.



HOD
Shri D. D. Prajapati

Institute Vision:

To produce competent diploma engineers as per need of Industries and entrepreneurs with ethical values.

Institute Mission:

Government Polytechnic, Palanpur strives to impart,

- Industry oriented technical education.
- Excellent teaching and learning environment.
- Promote entrepreneurship activities.
- Continual growth in every sphere of life by developing core human values.

Department Vision:

To create competent Diploma Mechanical Engineers with humanities, leadership and entrepreneurship qualities.

Department Mission:

- To impart quality education through excellent teaching learning methodology.
- To increase technical skills and employability through industrial interaction.
- To create entrepreneur by empowering innovative minds with proper counseling & motivation.
- To develop team work, leadership qualities and ethical values through co-curricular activities & extra-curricular activities.

INDUSTRIAL VISIT

- ❖ Venue: Banas dairy, Palanpur
Date: 01/08/2023(Semester- 1)
Number of faculties: 3
Number of students: 32

Late Galbabbhai Patel, founder chairman and the selfless sage cocooned a dream to uplift Socio-economical status of village farmers which is fulfilled through the creation of a Co-operative milk union for Banaskantha district, on the foot print of “Amul Dairy” of Kheda district, the ideal model of a co-operative.

The foundation stone was laid down by late Galbabbhai Patel on 14th January, 1971 at 122 acres land acquired near Jagana village in order to set up dairy plant under the Operation Flood programme launched by National Dairy Development Board. On 7th May, 1971 the dairy started functioning at the same place with handling capacity of 1.5 lac liters of milk that was expanded later on with processing capacity of 4 lac liters milk per day.



- ❖ Venue: Marg ITI & training centre, Rampura vadla, Palanpur
Date: 19th & 20th April, 2023 (Semester-4 & 6)
Number of faculties: 5
Number of students: 54

MITC was founded by Sarjan Foundation.

Many courses are taught in it. Such as Courses like robotics, CNC and VMC programming, computer courses, fitter, welder, electrician etc. are conducted there free of charge and certificate is also given after completion of the course. Accommodation and food etc. facilities are available there free of cost. There all the courses are explained to us practically. The place and the staff there are very good. He teaches very well in a way that students can understand.

Any student can go there and do any course for free. Also there those students are given jobs and some students have started their own businesses.



EXPERT LECTURE

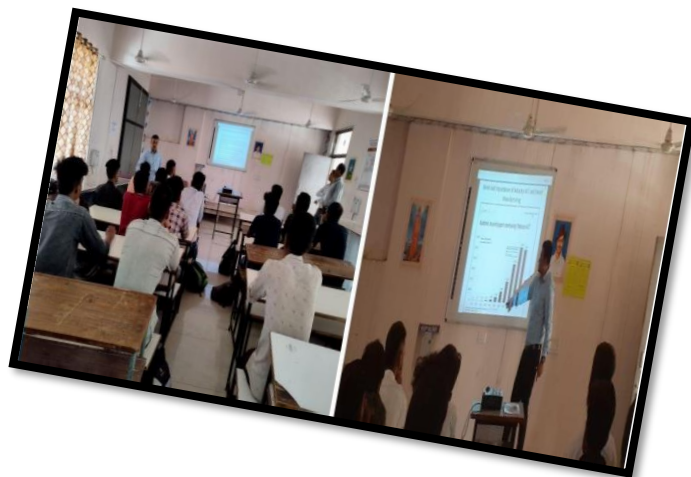
Expert: Mr. Kalpesh Patel
Name of Insitute: "K.D.Polytechnic,Patan"
Date: 08/11/2023(Semester- 3 & 5)

Topics covered during expert lecture were:
"How to prepare for competitive MCQ Exam"



Expert: Dr. Shailesh Patel
Name of Insitute: "Sankalchand Patel
University,Visnagar"
Date: 21/04/2023(Semester- 4 & 6)

Topics covered during expert lecture were:
"Smart Manufacturing"



Expert: Mr. Vimal Darji
Name of Insitute: "Marg ITI ,Rampura vadla "
Date: 01/04/2023(Semester-6)

Topics covered during expert lecture were:
"CNC and Robotics"





Dhaval Nai (Alumni of Govt. Polytechnic, Palanpur-Mechanical Dept) founder of Prahantam Pvt. Ltd. pitch his startup idea of Tea glass washing machine at Shark Tank India show and got investment of 30 lacs rupees as well as appreciation from all sharks.

STUDENT PLACEMENT

SR.NO.	Name of Student	Company Name
1	Utsav Gupta	TDS LI-Ion Batery pvt.ltd
2	Dip Nai	TDS LI-Ion Batery pvt.ltd
3	Naim ahmedkhan	Syam trelleborg tires
4	Shahidkhan Bihari	Syam trelleborg tires
5	Yash Prajapati	Syam trelleborg tires
6	Kureshi mahammad aftab	Syam trelleborg tires
7	Prajapati Kishan	Krishna grupo antolin pvt.ltd

FINISHING SCHOOL

The Education Department of Government of Gujarat has taken the initiative of introducing the Finishing School Concept for final year students of colleges across the State. This initiative has been implemented by Knowledge Consortium of Gujarat. The objective of the program is to enhance the employability skills as well as Functional English Language skills of the students who are academically good, but lack in basic communication and life skills, due to which they are unable to secure jobs. The Finishing School Program was launched on 16th March 2017.

It is an Employability Enhancement Initiative of the Education Department, Government of Gujarat for imparting training on Skill development for students of Higher and Technical Education to make them Industry-ready. KCG had empaneled initially more than 35 trainers across Gujarat to impart training to the students and about 40 Colleges (Higher Education and Technical Education) were selected to carry out the pilot and presently the project is running successfully in more than 250 colleges (Higher Education and Technical Education and Grant-in-Aid) with around 125 trainers. Government of Gujarat has spent approx. Rs. 15 crore for providing training to more than 20000 students which resulted into the enhancement of the employability ratio of students in the State.

Name of activity: "LIFE SKILL EMPLOYABILITY SKILLS"

Name of trainer: Mr. Anand Vyas, Mr. Urja Joshi

Duration: 06/02/2023 to 03/03/2023

Total students: 32



Outstanding performance in GTU examination

Following students have achieved outstanding result in GTU examination. Government Polytechnic, Palanpur and Mechanical Engineering Department heartily congratulate students for their success and wishes for bright future ahead.

Sr.No	Semester	Student Name	Spi	Photo
1	Sem1	Ansari Abdul rajjak	8.7	
	Sem 2		8.5	
2	Sem 3	Dabhi Geet	8.78	
	Sem 4		9.16	
3	Sem 5	Gupta Utsav	9.71	
	Sem 6		10	

EDITOR'S NOTE

It gives us an immense pleasure to introduce this Newsletter of Mechanical Engineering, Named "Sampark".

I am grateful to our honorable Principal and HOD who gave this opportunity. It has been a learning experience to us. I am also thankful to all staffs for their co-operative nature. At last but not least we are thankful to all those helped us directly and indirectly.

Dharak Desai
Lecturer, Mechanical Engineering Department