

# GOVERNMENT POLYTECHNIC VALSAD



## SARANSHI



*The Institute Newsletter*

*Volume: 4 Issue: 3 Year : March 2022*

### **INSTITUTE ACTIVITIES**

#### **FINISHING SCHOOL**

Finishing School 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.

With reference to above initiative Set D on the topic 'Functional English for final Year students' has been organized by our college from 14<sup>th</sup> to 17<sup>th</sup> March 2022.

In Batch 1, 19 students of Civil Engineering Department and 22 students of Chemical Engineering Department participated in the program. The program was conducted through offline mode at the institute by Jashma Das, Empanelled Trainer-KCG.

In Batch 2, 24 students of Electrical Engineering Department and 21 students of Mechanical Engineering Department participated in the program. The program was conducted through offline mode at the institute by Harita Patel, Empanelled Trainer-KCG.



*KCG- Empanelled Trainer –Jashma Das  
(Batch 1)*



*KCG- Empanelled Trainer – Harita Patel  
(Batch 2)*



*Last day of finishing School -Group Photos Batch 1 & 2*

## WOMEN'S DAY CELEBRATION

The International Women's Day was celebrated at G.P. Valsad on 8th March, 2022 in civil seminar hall A12. The purpose of celebrating Women's Day is – To raise awareness about the status and dignity of women. To create awareness of gender equality for a healthy society and to break the bias. 8th March, considered as International Women's Day. This day brings many things for women – a cause for celebration, a reason to pause and re-evaluate a remembrance, an inspiration and a time to honour, love and admire. The event was initiated with lamp lighting in the presence of the Principal Mr. C.H. Bhatt, Women development cell coordinator Mrs. K. S. Damaniya and guest of honour Mrs. Mamta Desai in presence of head of departments and all female students & staff of our college. After a brief speech by the Women Cell coordinator, Principal and guest of honour, prizes were distributed among the winners of Rangoli, Mehndi and drawing competition. Event continued with dance performances, solo songs, speech and drama performed by enthusiastic girls. Later many games were played with students. The program ended successfully on a very positive note in the presence of WDC members, all female staff & students of college. Celebration was closed around at 5 p.m with vote of thanks by K.S.Damaniya.



## DEPARTMENT ACTIVITIES

### WORKSHOP

The Electrical Engineering Department a one day workshop on '*Hands on practice of Programmable Logic Controller (PLC)*' on 3<sup>rd</sup> March 2022 from 10.30 am to 5:30 pm in classroom no N-103 and Electrical machine lab. The workshop was conducted by Dr Payal Patel, Prof. Abhishek Mehta and Prof Chirayu Patel for students of 6<sup>th</sup> and 4<sup>th</sup> semester of Diploma Electrical Engineering program.



### EXPERT LECTURES

The Chemical Engineering Department organized an expert lecture on '*Heterogeneous Catalysis*' by Mr. Jigesh Mehta, Assistant professor, Chemical Department, P P Savani University on 15<sup>th</sup> March 2022 for the 3<sup>rd</sup> year students. Mr. S M Kapadiya and Mr. K L Kharadi, Lecturer, Chemical Engineering Department co-ordinated the lecture.



The Civil Engineering Department organized an expert lecture on '*Fire Fighting System*' by Mr. Jagdish R. Mistry, Owner, National Fire Services Company on 15<sup>th</sup> March 2022 for the students. The objective of the lecture was to know the benefits of fire fighting system and to learn the operating process of fire equipment. Mr. Kiran C. Patel, Lecturer, Civil Engineering Department co-ordinated the lecture.



The Civil Engineering Department organized an expert lecture on '*MS Project for Construction Project Management*' by Mr. Kaushik Patel, Owner, CADD Center, Valsad on 16<sup>th</sup> March 2022 for the students. The objective of the lecture was to know how to manage time of Construction Activity in MS Project software. Mr. Ajay K. Gamit, Lecturer, Civil Engineering Department co-ordinated the lecture.



The Civil Engineering Department organized an expert lecture on '*Application of Autocad Software*' by Mr. Kaushik Patel, Owner, CADD Centre, Valsad on 16<sup>th</sup> March 2022 for the students. The objective of the lecture was to know use of AutoCAD Software in Civil Engineering Field. Mr. Gaurav K. Patel, Lecturer, Civil Engineering Department co-ordinated the lecture.



The Civil Engineering Department organized an expert lecture on 'Application of Autocad Software' by Shri Raviraj M Patel, Road Quality Monitor (QM), Navsari (approved for Road Monitoring work in Navsari by GoG) on 28<sup>th</sup> March 2022 for the students of IV Semester for the course Basic Transportation Engineering (3340603). The students are expected to be able to supervise and maintain road construction work considering the factors of safety and accuracy. Observations made by the expert during visits to MMGSY and PMGSY roads regarding their quality and improvements were discussed in the lecture. The expert shared important practical details and experiences from field which were an important addition to the theoretical knowledge gained by students during classroom sessions. The expert also narrated his journey to becoming a QM and also how to prepare for the same. Mr. S. D. Kakwani, Head, Civil Engineering Department, and Ku. A. K. Shah, Lecturer, Civil Engineering Department co-ordinated the lecture.



## Government Polytechnic Valsad Civil Engineering Department



### Expert Lecture on: "Quality Monitoring of Road Construction Work"

#### Expert Speaker:



**Shri Raviraj M Patel**  
Road Quality Monitor, Navsari  
Approved By Govt. of Gujarat,  
Roads & Building Department

#### Principal:

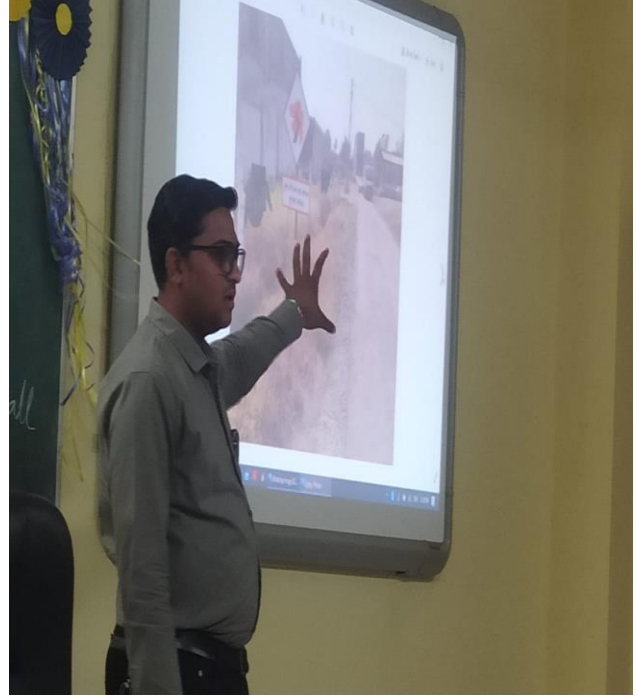
**Shri C H Bhatt**

#### Organized By:

**Shri S D Kakwani**  
(HOD, CED, GPV)  
**Kum A K Shah**  
(LCED, GPV)

**Organised on:** 28th March 2022 Monday at 11:30 AM; At Civil Seminar Hall,  
CED, G P Valsad





The Electrical Engineering Department organized an expert lecture on '*Career Selection After Diploma and Future of Electrical Vehicles*' by Dr. Nikunj R Patel, Head, Electrical Engineering, SSASIT College, Surat on 30<sup>th</sup> March 2022 for the VI Semester students. 55 students benefited from the lecture.





## POSTER PROJECT COMPETITION

A poster project competition was organized by the Chemical Engineering Department for the final year students on 28<sup>th</sup> March 2022.



## INDUSTRIAL VISITS

The Mechanical Engineering Department organized an industrial visit at DG Industries, Valsad for the IV semester students on 5<sup>th</sup> March 2022. The purpose of visit was to understand how to manufacturing various parts by machining operation which can use in agricultural purpose pump. Students understood the working of the CNC turret lathe, special purpose machine, drilling machine, grinding machine etc. and learnt about various operation which can used in manufacturing process. Students saw different types of machine tools as well as CNC lathe in industry.



The Mechanical Engineering Department organized an industrial visit at Modern Material, Valsad for the IV semester students as on 5<sup>th</sup> March 2022. The purpose of visit was to understand how to fabricate Material Handling Equipment. Student saw different types of material handling equipment like hand pellet trucks, stackers, drum equipment, lift tables, hand tucks and trolley etc.



The Mechanical Engineering Department organized an industrial visit at Shree Valsad Sakhari Khand Udyog Ltd , Valsad for the IV semester students as on 5<sup>th</sup> March 2022. The purpose of visit was to understand concept of boiler and turbine works. Students have seen how to sugar is made from sugarcane by various processes. The sugar factory also produces electricity from the waste material of sugarcane as fuel by sets of boiler, turbine and BHEL makes Alternator. All equipment and lights of Sugar factory run by their own produce electricity.



The Electrical Engineering Department organized an industrial visit at Trans- Electro, Gundlav GIDC, Valsad for the VI semester students on 8th March and 25<sup>th</sup> March 2022. The visit helped the students to gain knowledge of maintenance of transformer, different test on transformer and transformer oil. About 57 students visited the industry.



*8 March, 2022. 27 Students were taken for Industrial Visit*



*25 March, 2022. 31 Students were taken for Industrial Visit*

The Chemical Engineering Department organized an industrial visit to Vasudara Dairy, Valsad District Cooperative Milk Producers' Union Limited, Navsari for the 4<sup>th</sup> & 6<sup>th</sup> semester students on 16<sup>th</sup> & 17<sup>th</sup> March, 2022.



The Electrical Engineering Department organized an industrial visit at ATUL Substation 220 KV on 24 March for 4<sup>th</sup> semester and on 25 March for 6<sup>th</sup> semester students. The visit helped the students to gain knowledge about working of different equipment used in substation. About 60 students visited the industry.



*24 March, 2022 --4<sup>th</sup> semester students visit*



*25 March, 2022 --6<sup>th</sup> semester students visit*

## **DEMONSTRATION**

The Chemical Engineering Department organized a live demonstration of fire extinguisher for all the students of the institute on 15<sup>th</sup> March 2022.



## PARENTS MEETING

The Civil Engineering Department organized an online parents meeting for solving the queries of parents and students on 9<sup>th</sup> March 2022. Mr. S. D. Kakwani, Head, Civil Engineering Department conducted the meeting.



## ACTIVITIES OF FACULTY MEMBERS

### EXPERT LECTURE

Ms. Nidhi Pandya, Lecturer, Civil Engineering Department, was invited to deliver an expert lecture on '*Basic of Epanet in Design and Analysis of Water Distribution Network*' at Pidhavala Engineering College, Surat on 21st March 2022.



## **TRAINING UNDERTAKEN**

Dr. Nibha Arvind Thakore, Lecturer in English, General Department, undertook two weeks online training of Induction Phase II organised by NITTTR Bhopal from 21<sup>st</sup> February to 4<sup>th</sup> March 2022.

Mr. Jitendrakumar G. Pandit, Lecturer, Electrical Engineering Department, undertook two weeks online training of Induction Phase II organised by NITTTR Bhopal from 21<sup>st</sup> February to 4<sup>th</sup> March 2022.

## ***Editorial Board***

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