



# SARANSHI



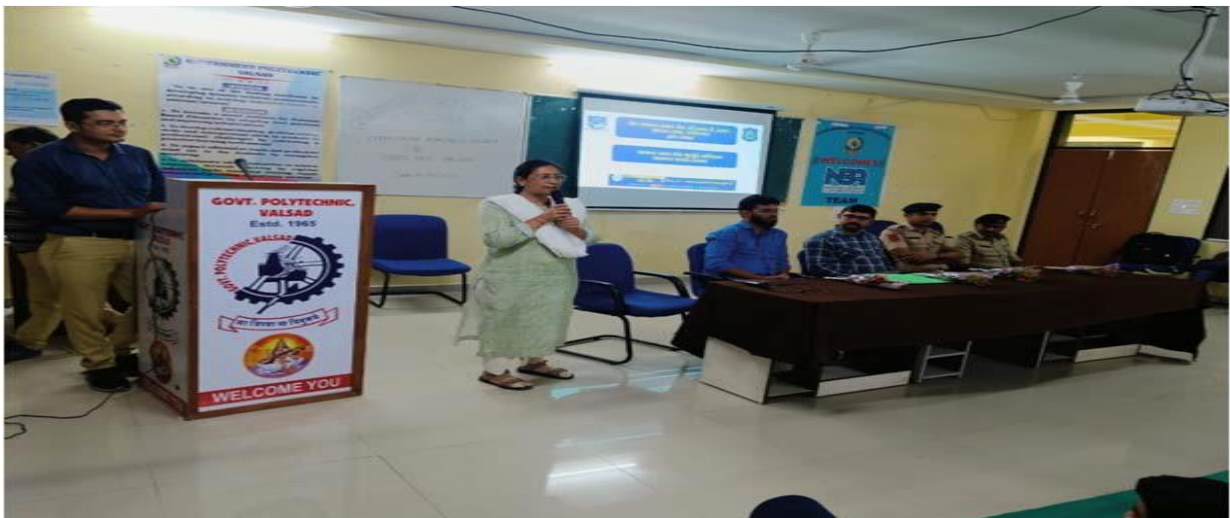
*The Institute Newsletter*

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## INSTITUTE ACTIVITY

### CYBER CELL SEMINAR

Cyber Club Committee of Government Polytechnic, Valsad organized a seminar on 'Cyber Crime Awareness' on 3<sup>rd</sup> May 2023 at Seminar Hall. The objective of the seminar was to impart knowledge to the students and staff about the various issues related to cybercrime and hacking. The seminar was delivered by Mr. Imranbhai from Cyber-Crime Cell Valsad. The aim of the program was to educate the students about the dangers on internet and cyber-crimes. The topics covered included cyber bullying, online grooming, defamation, online games and internet safety. The sessions were well received as the participants reported that they gained an understanding on how to use social media platforms safely and responsibly as well as to keep their personal data safe from cyber-crimes. The students were also educated on how to use Cyber Cell when in a crisis situation. 108 students participated in the seminar coordinated by Mr. R. S. Patel, Lecturer in Mechanical Engineering Department and Cyber Club Coordinator and Mr. T. G. Vasava, Lecturer in Information Technology Department and Cyber Club Co-Coordinator.





## G20 ACTIVITIES

Under G20, an essay writing competition on topic “Smart and Green Building” was organized by Government Polytechnic, Valsad on 29<sup>th</sup> May 2023 in drawing hall of Civil Department. The event was carried out to create awareness to the students about the need of Smart Green Building considering sustainable development concept. Also students were made aware to save environment and save energy. In this event 19 students had participated from the departments of institute. Three students were awarded with first, second, third rank respectively.



Under G20, a debate competition on topic “Urbanization” was organized by Government Polytechnic, Valsad on 31<sup>st</sup> May 2023 in drawing hall of Civil Department. The debate was organized to make the students aware about the concept of development sustainable urban development. The debate competition was done in three rounds. First round involved the basic concept and need of urbanization, second round involved advantages and disadvantages of urbanization, third round was about the mitigation measures during urban development for enhancing sustainable development. In this event 33 students participated from different departments of institute. Three students were awarded with first, second, third rank respectively from both two groups.



## **DEPARTMENT ACTIVITIES**

### **PROJECT FAIR 2023**

The Electrical Engineering department organized Project Fair 2023 on 16<sup>th</sup> May 2023 in which 28 groups participated. Evaluation of each project group was done by Jury member, Prof. D. N. Tandel and Prof. N. I. Patel from Government Engineering College-Valsad. The trophy was given to best 3 projects.

The following 3 best projects selected by jury members:

- 1) Crash Detecting Smart Helmet
- 2) RFID & GSM Based Security System
- 3) GSM Based Substation Monitoring and Control System



Toppers were awarded with special citation and certificate in the ceremony of Project Fair 2023.

Rank	Enrolment No	Name of Student	Result (SPI)
1	206290309062	KISHAN PRAJAPATI	9.81
2	206290309004	PRAJAPATI HIREN NILESHBHAI	9.69
3	206290309091	SURATI KEVANSHKUMAR YOGESHBHAI	8.94



## WORKSHOP

The Department of Mechanical Engineering of Government Polytechnic Valsad organized one day technical workshop for the fourth semester students on “Fire Safety and Evacuation Training” on 17th May, 2023. The speaker introduced the many points like causes of fire, emergency routes and exits, fire detection and warning systems, fire-fighting equipment, removal or safe storage of dangerous substances, Emergency fire evacuation plan etc. The expert also provided information about the types of extinguishers used in our institute. A mock drill was also conducted to create awareness to all the students about how to use fire extinguishers. Students were actively involved in the demo process and learnt to deal with prevention of accidental generation of fire in different situations.



## **EXPERT LECTURE**

The department of Mechanical engineering of Government Polytechnic Valsad organized an expert lecture for the fourth semester students on “Best Maintenance Practices in Industry” on 25<sup>th</sup> May 2023. The speaker highlighted that maintenance is an important factor in quality assurance and in some cases determines the long-term success of a company. Poorly maintained resources can cause instability and partially or completely pause the production. With proper planning, operation and adaption of maintenance schedule, one can manage to run the machines continuously with good efficiency.



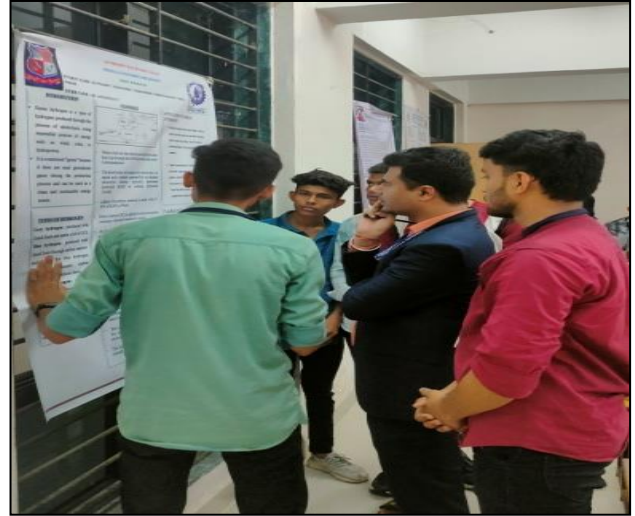
## PROJECT POWER POINT PRESENTATION

A Power Point Presentation Event for the final year Projects was organized on 2<sup>nd</sup> May 2023 at the Chemical Engineering Department, Government Polytechnic, Valsad from 10.30 am onwards. Ms. Dishanvi Das, Mr. Jagdish Raut, Mr. Parth Prajapati, Ms. Krishna Patel and Mr. Ghanshyam Raval, Lecturers, Chemical Engineering Department, Government Polytechnic, Valsad were appointed as jury members. Total 32 group members participated in the power point presentation event.



## PROJECT FAIR-POSTER PRESENTATION

A “Poster Presentation” Event was organized on 16<sup>th</sup> May 2023 at the Chemical Engineering Department, Government Polytechnic, Valsad for 6<sup>th</sup> Semester from 11.00 am onwards. Mr. Jignesh Joshi, Assistant Professor, Chemical Engineering Department, Government Engineering College was appointed as a jury member. Total 32 group members participated in the poster presentation event. Students were encouraged by Mrs. Rinku Shukla, Principal, Government Polytechnic, Valsad.



## INDUSTRIAL VISITS

An Industrial visit was organized by Chemical Engineering Department, Government Polytechnic Valsad for 6th semester Students on 3rd May, 2023 at Deepak Cellulose Pvt.Ltd, Gundlav Valsad. The various unit operations/processes used in the plant, such as the esterification process, Sporkler Filter, Centrifuge Filter, ML Handling, Fluidized bed dryer, Utility section and operations involved in Effluent treatment plant were demonstrated to the students, along with their useful practical aspects.





The Department of Mechanical Engineering organized an industrial visit at NPCIL, Kakrapar Automatic Power Station for 6<sup>th</sup> semester students as on 16<sup>th</sup> May 2023. The purpose of visit was to understand working mechanism of Nuclear power plant. The Representative of NPCIL has explained in detail about the KAPS Plant and NPCIL. Also, he has explained in detail about the reactor construction parameters, working mechanism of plant, fuel cell charging, nuclear material sources all over the world and gave awareness about Safety regarding nuclear radiation with live examples of daily radiations from sun with comparative data, advantages, and accidents of nuclear power plant with live examples.

The Electrical Engineering Department organized an industrial visit at Kipra Electrical Pvt. Ltd Valsad for the 4<sup>th</sup> semester students on 19<sup>th</sup> and 20<sup>th</sup> May 2023. The visit helped the students to gain knowledge of Induction Motor, Construction and testing of motor, types of winding etc. About 44 students visited the industry in two days. The visit was coordinated by Ms. A D Patel, Ms. D C Patel, Mr. H B Sharma and Mr. B P Golakiya, Lecturers, Electrical Engineering Department.



The Mechanical Engineering Department organized an industrial visit at Shree Valsad Sakhari Khand Udyog Mandli Ltd, Valsad for the 4th semester students on 20<sup>th</sup> May 2023. The purpose of visit was to understand concept of boiler and turbine works. Students saw how sugar was made from sugarcane by various processes. The sugar factory also produced electricity from the waste material of sugarcane as fuel by sets of boiler, turbine and BHEL made Alternator. All equipments and lights of the sugar factory run by their own produced electricity.



### **SURVEY PROJECT VISIT**

The Civil Engineering Department organized a survey project visit for the subject of Advanced Surveying on 2<sup>nd</sup> May 2023 at Parnera, Pardi Road. Students studying in 4<sup>th</sup> semester were taken to the site to do practice for tacheometry survey. Mr. K. P. Billimoria, Lecturer, Civil Engineering Department co-ordinated the visit.



## **SITE VISIT**

The Civil Engineering Department organized a site visit for the subject of Basic Transportation Engineering on 3<sup>rd</sup> May 2023 at Railway Station, Valsad. Students studying in 4<sup>th</sup> semester were taken to the Railway Station Valsad and given information related to Railway Track Opening System. Ms. Aditi K. Shah and Mr. Ashish J. Patel, Lecturers, Civil Engineering Department coordinated the visit.



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