



G H Patel College of Engineering & Technology
(A constituent college of CVM University)

“DESIGN ENGINEERING PROJECT FAIR”

Event Report

DATE: 7th April 2022

TIME: 01:00 PM to 4:00PM

INSTITUTE: G H Patel College of Engineering & Technology

**VENUE: MECHANICAL WORKSHOP
DRAWING HALL (B309)
MATERIAL SCIENCE LAB**

**External Judges: Mr. Ashlesh Patel
Mr. Dhiraj Dhakan
Mr. Jil Patel**

Event Coordinator: Prof. Aakarsh Jain

***Student Coordinator: Yash Shah
Shubh Bhavsar***

***Student volunteer: Abhishek Parekh,
Amrish Aghara
Hrishikesh Patel
Jyot Pandya***

Details of Event

- **Number of Participants:** There were total **29 groups** in which there were 5-6 members in each group. Besides, three external judges visited the institute to evaluate the projects along with them there were three internal department judges too.
- **Who organized this event:** The fair of designing engineering was conducted by Prof. Aakarsh Jain. The student of 3rd year mechanical department named, Yash Shah and Shubh Bhavsar coordinated the event.
- **Mode of event:** In this fair, students presented their innovative ideas through the posters and working models of the product.
- **Objective:** The main focus of organizing this event was to make students get reviews on their problems. By doing so, they would get more insights on requirements of the society. This fair would develop their skills on making projects related to designing. Along with this they will be guided by the judges, additionally this will able to identify the successful development of the projects. Procedure of initiation, planning, execution, regulation and closure as well as the guidance of the project teams operations towards achieving all agreed upon goals within the set scope, time, quality, and budget standards.
- **Outcome/Benefit:** The benefit is always in the favor of the students who did something, they got proper Guidelines and got encouraged.

External Judges Intro

Mr. Ashlesh Patel: Owener of Creater lab (Entrepreneur)

Mr. Dhiraj Dhakan: Owner of Joules Bar, working experience in Godrej (Entrepreneur)

Mr. Jil Patel: Owner of Creator Lab (Entrepreneur)

Event Poster



The poster features logos for CVM University, Institution's Innovation Council (Ministry of HRD Initiative), and GCET (G H Patel College of Engineering & Technology). It is organized by the Mechanical Engineering Department. The event is titled "DESIGN ENGINEERING PROJECT FAIR" and is described as "The fair for showcasing your innovative idea." The location is listed as Workshop and Drawing Hall. The date is 7th-April 2022. Contact information for Yash Shah (9904326752) and Shubh Bhavsar (8866529281) is provided. The event is held at G H Patel College of Engineering & Technology, a constituent college of CVM University.

[Link of post on social media](https://www.gcet.ac.in/event_report.php?event_id=MTYwNg==)

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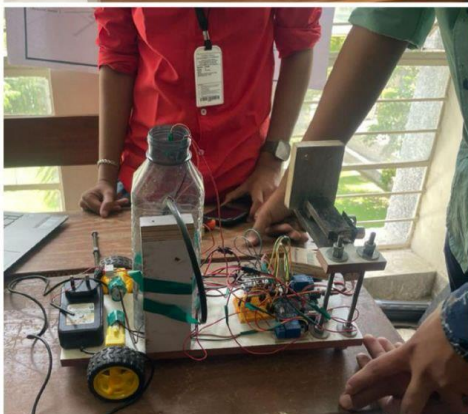
Project list

S.NO	PROJECT NAME	STUDENT NAME
1	Manual Road Cleaning Machine	Parmar HirenKumar Ghanshyambhai
		Hardip Parmar
		Abhiraj Sodha
		Arpit Parmar
		Rahul Takhtani
2	Mechanical Grabber	Pathak Deep Anupkumar
		Asnani Mayank Kumar
		Parmar Pravin Danabhai
		Bhatt Shivam Ketanbhai
		Prajapati Harish Ramesh
Rudragoudar S. Chirag		
3	Hydraulic Jack Lifting Mechanism with Syringe	Atharva Abhijit Khanvalkar
		Rahul Thaker
		Shivdatt Soni
		Nayan Garoda
		Harsh Patel
Harsh Bhatt		
4	Agriculture sprayer machine	Bagthalia Smit
		Rathod Jayraj
		Kapatel Viren
		Zala Kartiksinh
		ChelladuraiNadar Venueakesh
5	Portable non electric multifunctional device	Manan Barvaliya
		Harsh joshi
		Meet kanakhara
		Kashyap Chauhan
		Kunal rajpurohit
6	Solar Operated sprayer	Mihirsinh Raj
		Het modi
		Parth akbari
		Dhruv modi
		Vikas pal
7	Mobile Pesticide Sprinkler	Joel Thomas
		Harshit Adroja
		Tirth Joshi
		Sarthak Kathriya
		Jay Koyani
8	Intelligent Divider Painting Machine	MITESH JAYESHBHAI MARU
		Maharshi Mistry
		Aayush Lad
		Pratham Mistry
		Purvang Desai

9	Lawn Mower	Diora Yash M
		Ansh Bhimani
		Kishan Ghori
		Hiren Hadiyal
		Geet Macwan
10	Weight tracking bag	Krunalsinh Rana
		Deep patel
		Jenil patel
		Kevin Ranpariya
		Yash Ranpariya
11	Automotive seat design for seating comfort by ergonomics	Bhrahmbhatt shrutikkumar rakeshkumar
		Baria Mihir Rameshbhai
12	Person wise toll system	Bhatt Vrushank
		Aditya kotadiya
		Abhishek Bhatt
		Arpan boradiya
		Denish chovatiya
13	Automated punching machine	Bhupesh Goswami
		Gordhan Chhipa
		Mustafa Kachwala
		Dhruv Dave
		Savan Khatrani
14	Eco Friendly Road Cleaning Machine Using Chain And Sprocket Mechanism	FaizanKhan Pathan
		Parth Yogesh Solanki
		Maharshi Darji
		Hemil Vipulkumar Barot
		Shubh bhavsar
		Yash Shah
15	Power generating tiles	Rahul surve
		mansoori safwan
		mangukiya keyur
		Krunal pansuriya
		Luhar Hiten
16	Stair Climbing Trolley	Niraj Vandariya
		Tejas Solanki
		Satish Vekariya
		Vishnu Vaishnani
		Amanpreet Vasir
		Shaikh Shariq Ali
17	Design and development of helical blade darrius turbine	Hrishikesh Mishra
		Chinmay rudragoudar
		Vrund Gandhi
		Sahil unadakat
		Raj kotak
		Mehul more
18	Design and development of single axis solar tracker device using ldr sensor	Viradiya Tirth M
		Swapnil redkar
		Siddharajsinh thakor
		Aryan Tiwari
		Vithlani Tejas

19	Sole cleaning system	Parth Thakar
		Raj Vaghani
		Avnish yadav
		Ahmed
		Dhruvdip Tandel
20	Electric toll collection	Soneji jemil
21	Weighing scoop	Sarang pandya
		Jay shah
		Deep shah
		Kishan Patel
		Yash Patel
22	Anti-allergic hand gloves	Patel Vrundkumar
		Karsh Patel
		Karan rajgor
		Atharva sharma
		Yash Patel
23	Multiplex Seat	Vijaysingh Puwar
		Karan Pandya
		Patel VivekKumar
		Harshil Ranpariya
		Varun Paipaliya
24	Automatic waste segregation	Rishi Kumar Jha
		Yash Patel
		Jaymin Patel
25	Auto Irrigation	Jokin Parmar
		Milind Patel
		Jalesvar Raulji
		Jeel Rohit
		Mohammed Aftab
26	Electric cycle	Vrushabh Shah
		Bhavya Raval
		Pratham Shah
		Unmil Shah
27	Smart Dustbin with Fire Extinguisher	Raj Patel
		Ishan Parikh
		Aryan Parmar
		Gaurang Parmar
28	Submersible pump Lifting Mechanism	Janak Patel
		Ankur Ranjitbhai Chaudhari
		Rushabhsinh Rajput
		Mohamedmahirkhan jafrullakhan
		MAHTO VINOD RAMESH
		Bhadra Jaldeep Dayarambhai
Padhiyar Umesh Lakhmashibhai		
29	Multi-purpose Sieving	Rana brijeshsinh
		Dhameliya Aditya Jayantibhai
		Vivek madlani
		Anshu sharma
		Jay Ajwani

Photo Gallery:



➤ **Student Feedback**

1. After poster presentation students feel that they are now better able to convey their project work.
2. The overall learning experience was very interesting.
3. Great knowledge about design and real- life application.
4. Junior Students are getting good guidelines for project execution and completion.