

Report of PROJECT DEMONSTRATION

Name of Event: PROJECT DEMONSTRATION

Date and Time: 18TH APRIL 2023, 9:30 AM onwards

Faculty Coordinator: Dr Kavindra R Jain

Student Coordinators: Madhur Paliwal

Number of Participants: 27

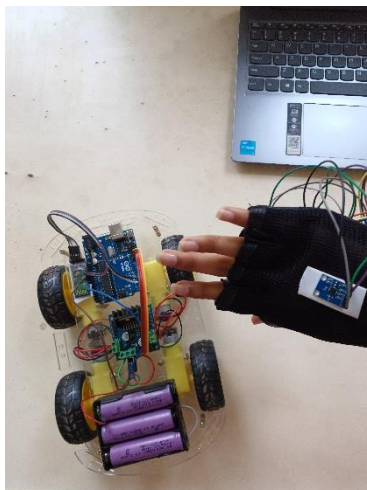
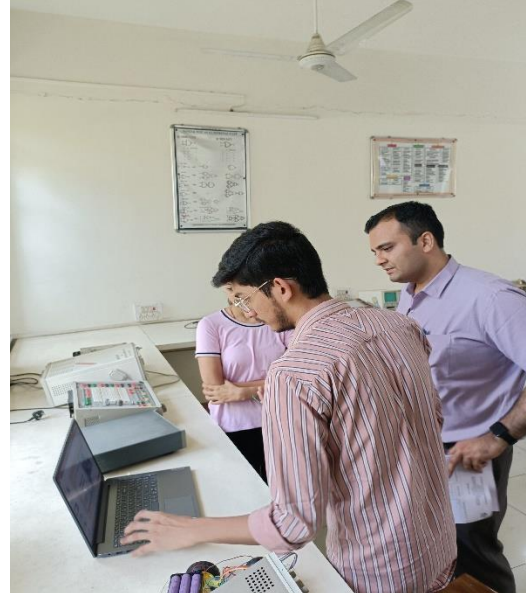
18th April 2023

PROJECT DEMONSTRATION

Time and talents are the aspects that play a crucial role in determining what one's career graph can look like given the increasing competition in the expanding sector of technology. When one's talents match what the market demands and what the existing educational model falls short of delivering, one is always in a better position. Department of Electronics and Communication Engineering, organized a PROJECT DEMONSTRATION on "ATMEGA 3289 P BASED MODULE" for the students of G H Patel College of Engineering & Technology.

The enthusiastic students have designed projects using the C programming language and Arduino programming. Students learnt the basics of C programming syntax, data types, variables, operators, and control flow structures. They also gained hands-on experience in programming Arduino microcontrollers, which are widely used in various applications such as robotics, home automation, and IoT (Internet of Things) projects. Through a combination of theoretical concepts and practical exercises, students will develop a solid foundation in programming skills that they can apply to real-world projects. This session was led by team members themselves under supervision of Professor Dr Kavindra R Jain, who is currently working as an Assistant Professor in the Electronics and Communication Engineering Department at GCET.

❖ **Photographs:**



❖ No of Participants: Total- 27 students and 1 Faculty

G H PATEL COLLEGE OF ENGINEERING &
TECHNOLOGY,
Vallabh Vidyanagar
(A Constituent College of CVM University)
Department of Electronics & Communication
Engineering

SIGNATURE LIST

GROUP	ENROLLMENT NO.	PROJECT TITLE	SIGNATURE
1	12102060501030 12102060501032	Obstacle detector glove for the blind.	Yash Siba Rishu Neha
2	12102060501002 12102060501008 12102060501021	Device to detect water level and the flowrate of the water	Arnav Rishu Neha
3	12102060501001 12102060501036	Hand gesture controlled car	Arnav Rishu Neha
4	12102060501005 12102060501009	Voice Controlled Robot	Saket Umang
5	12102060501012 12102060501024 12102060501025	Distance Measurement 12102060501024 12102060501025	Yash Siba Neha
6	12102060501007 12102060501009	Digital # glass	Arnav Rishu Neha
7	12102060501013 12102060501014 12102060501030	Accident Prevention System	Arnav Rishu Neha

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8	12102060501011 12102060501039	Wireless Notice Board	Arnav Rishu Neha
9	12102060501018 12102060501024 12102060501027	Subdirectional visitor counter	Arnav Rishu Neha
10	12102060501001 12102060501004 12102060501025	Alcohol sensing alert with engine locking system	Arnav Rishu Neha
11	12102060501010 12102060501014	Temperature and humidity sensing	Arnav Rishu Neha

CONCLUSION

The session was highly insightful. We would like to thank Dr Kavindra R Jain for his time and efforts. We would also like to thank Dr. HITESH B SHAH for his continuous support and guidance. Also, to student coordinators for their constant efforts. All members of the team gave it their best efforts.