



**A Report  
on  
Workshop  
At**



**“Converting Your Ideas Into Project”**

**On**

**03/02/2023**

**Form**

**2<sup>nd</sup> Year Students**

**Electronics and communication department**

**Birla Vishvakarma Mahavidyalaya  
[An Autonomous Institution]  
NAAC [1st Cycle] Accredited: 'A' Grade  
Celebrating Platinum Jubilee**

- **Summary Table**

Name of Event:	“Converting Your Ideas Into Project”	
Address of Organization Visited:	Birla Vishvakarma Mahavidyalaya (BVM) Engineering College, Vallabh Vidyanagar	
Name of Principal of the Institute:	Dr. I.N.Patel	
Department Name of the Institute:	Electronics and Communication Engg. Dept.	
Name of Head of the Department:	Dr. B.C.Goradiya	
Year/Semester of the Students	2 <sup>nd</sup> year	
Professional body under which visit organized:	Prof. Ronak Vashi & Prof. Palak Patel	
Date and Time of Start:	03/02/2023 02:00p.m.	
Date and Time of End:	03/02/2023 04:00p.m.	
Accompanying Staff Name:	1	Prof. Ronak Vashi
	2	Prof. Palak Patel
Contact information of Staff:	No.	Contact No:
	1	9426724335
	2	9898202688
Total No. of Students benefited:	26 out of 35	

### ❖ Objective of the Event:

- To encourage students to develop industry ready and creative projects effectively.
- Acquire the knowledge about various kinds of sensors, relays and other electronics components.
- To identify various sources that provides information about the electronic components.

### ❖ Brief of the Event:

The session, “converting ideas into projects” was conducted by Er. Varmin Panchal, (Founder of TESTOMATIC start-up and our own alumni 2017 EC batch pass out) on 3rd February, 2023. In this session, participants learned about various electrical and electronic components like Sensors, Drivers, Keypads and Display.

#### Sensors:



## Drivers:

Dc motor driver



Servo motor tester



Dc Stepper motor driver



ULN 2003 motor driver



L298D Motor Driver



L298 driver



Brushless Motor Driver



## Keypads:



TTP 229 touch keypad



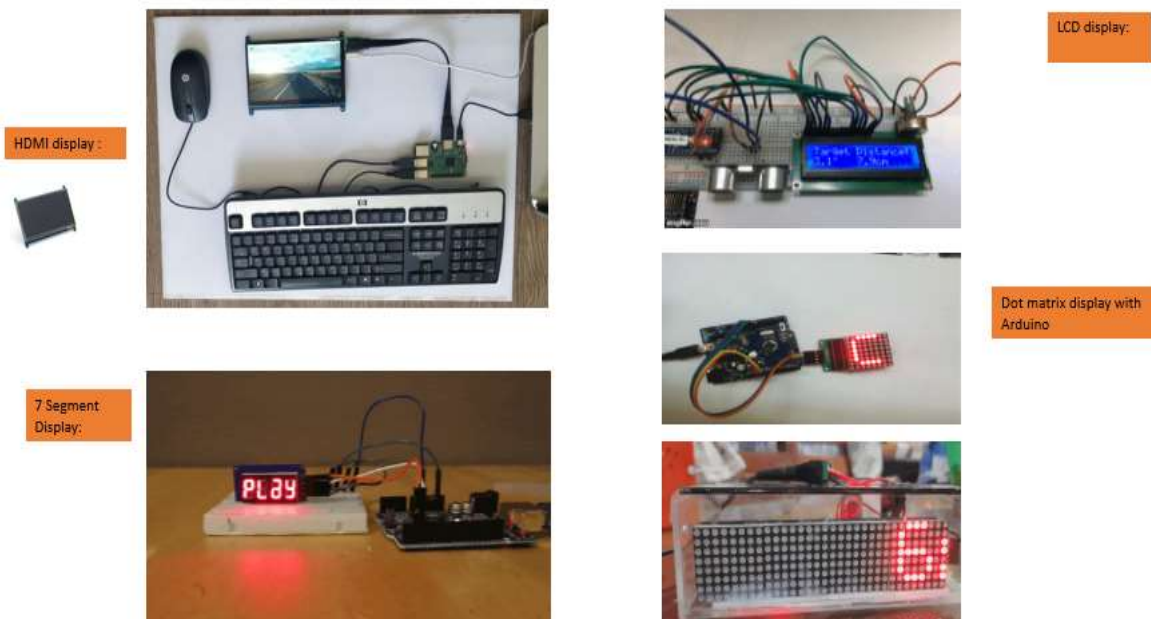
MPR121 touch keypad



## Modules:



## Demonstration of Projects:



## Glimpses of the Workshop:

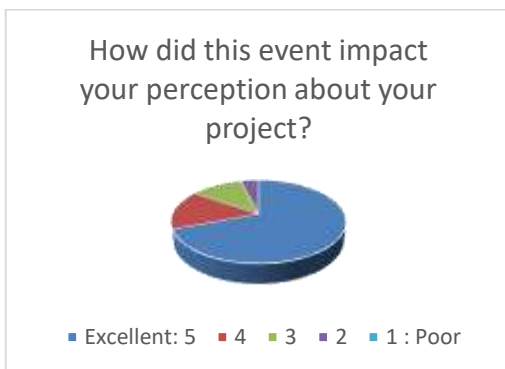
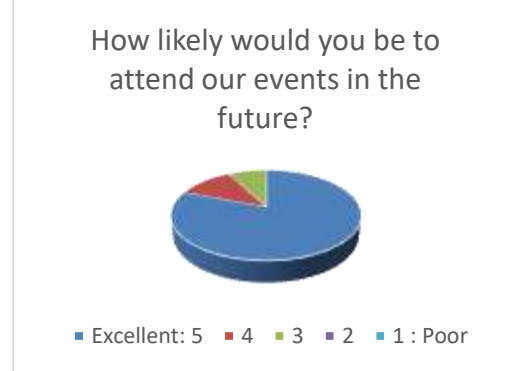
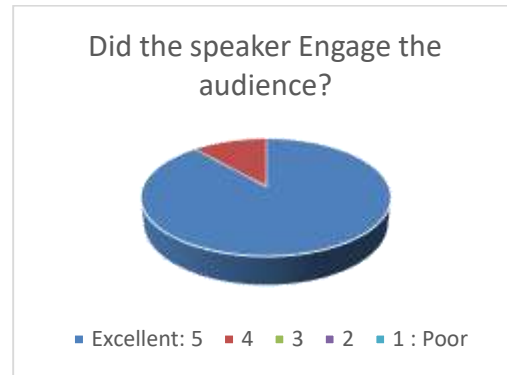
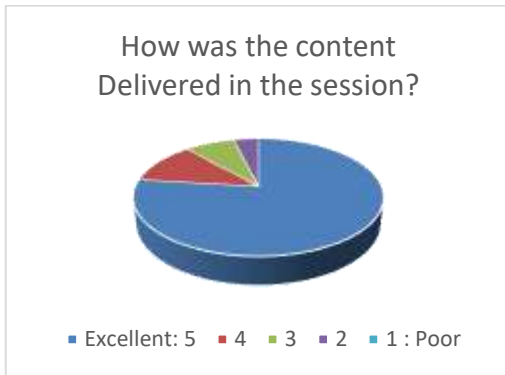


### • Outcome of the Workshop

1. They got knowledge about various kinds of sensors, relays and other electronics components.
2. Participants will get the idea for cost effective product and how to select the components effectively for their projects.

- **Students feedback**

Overall, it was a great experience for them. They learned a lot from this workshop and it was a great opportunity to explore new ideas. We are thankful to the organizers for providing us with such a wonderful opportunity.



**Event Coordinator:**

**Head of the Department:**

**Prof. Palak Patel**

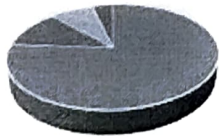
**Prof. Ronak Vashi**

**Dr. Bhargav Goradiya**

## ❖ Students feedback

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How was the content  
Delivered in the session?



▪ Excellent: 5 ▪ 4 ▪ 3 ▪ 2 ▪ 1: Poor

Did the speaker Engage the  
audience?



▪ Excellent: 5 ▪ 4 ▪ 3 ▪ 2 ▪ 1: Poor

How satisfy you with this  
Session?



▪ Excellent: 5 ▪ 4 ▪ 3 ▪ 2 ▪ 1: Poor

How likely would you be to  
attend our events in the  
future?



▪ Excellent: 5 ▪ 4 ▪ 3 ▪ 2 ▪ 1: Poor


How did this event impact  
your perception about your  
project?



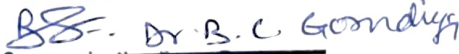
▪ Excellent: 5 ▪ 4 ▪ 3 ▪ 2 ▪ 1: Poor

Event Coordinator:

  
Prof. Palak Patel

  
Prof. Ronak Vashi

Head of the Department:  
**HOD**

  
Dr. B. C. Gondiy  
Electronics & Communication Engg. Dept.  
Birla Vishvakarma Mahavidyalaya  
Engg. College  
Vallabh Vidyanagar-388120.



Expert Talk		
Attendance Sheet		
Date: 3/2/2023		
NAME	ID : 21EC4XX	sign
Meet Fafolawala	21EC401	
Vraj Patel	21EC403	—
Dev Patel	21EC404	—
Priya Bhavsar	21EC405	
Aryan Shah	21EC406	—
Vatsal Gandhi	21EC407	
Veer Baxi	21EC410	—
Sheta Avi	21EC415	
Dhruv Marathe	21EC416	
Bhavesh Yadav	21EC419	
Kankshit Bhatt	21EC420	—
Kevin Dudhat	21EC421	
Pranav Changela	21EC422	
Dhruv Lalpurwala	21EC424	
Yash Mehta	21EC425	
Avinash pal	21EC427	
Anusha Kar	21EC429	
Vandan parekh	21EC430	
Nauman Khokhar	21EC431	
Abizer Popat	21EC432	
Anghan Pal	21EC434	
Anant Bhatia	21EC435	
Vrushank Soni	21EC436	
Mayur Bhogesara	21EC437	
Bernardo Francisco Como	21EC438	—
Rushita Bagthaliya	21EC440	
Prerna sharma	21EC441	—
Dhruvit Dihora	21EC442	
Parth Mehta	21EC443	
Dhruv Dave	21EC444	
Harsh Khandelwal	21EC446	
Deepanshi Mishra	21EC448	—
Akanksha Mishra	21EC449	—
Dhwani Bambhanliya	21EC450	
Tanishka	21EC451	—

Event Co-ordinator:

Prof. R. R. Vashifund

Prof. P. K. Patel