Modern Education Society's College of Engineering

AY 2022-23

ELECTRO INFINITY CLUB

Event Name: Introduction to Raspberry Pi

Date: 07th January 2023
Time: 4pm onwards
Total Participants: 50 attendees
Platform: Online mode (Zoom Meeting)

❖ **Objectives:**

To introduce the students to basics of Raspberry Pi

❖ **Brief Description of Event:**

The online workshop was organized by the **Electro Infinity Club** team. Total of 50 participants were present at the workshop.

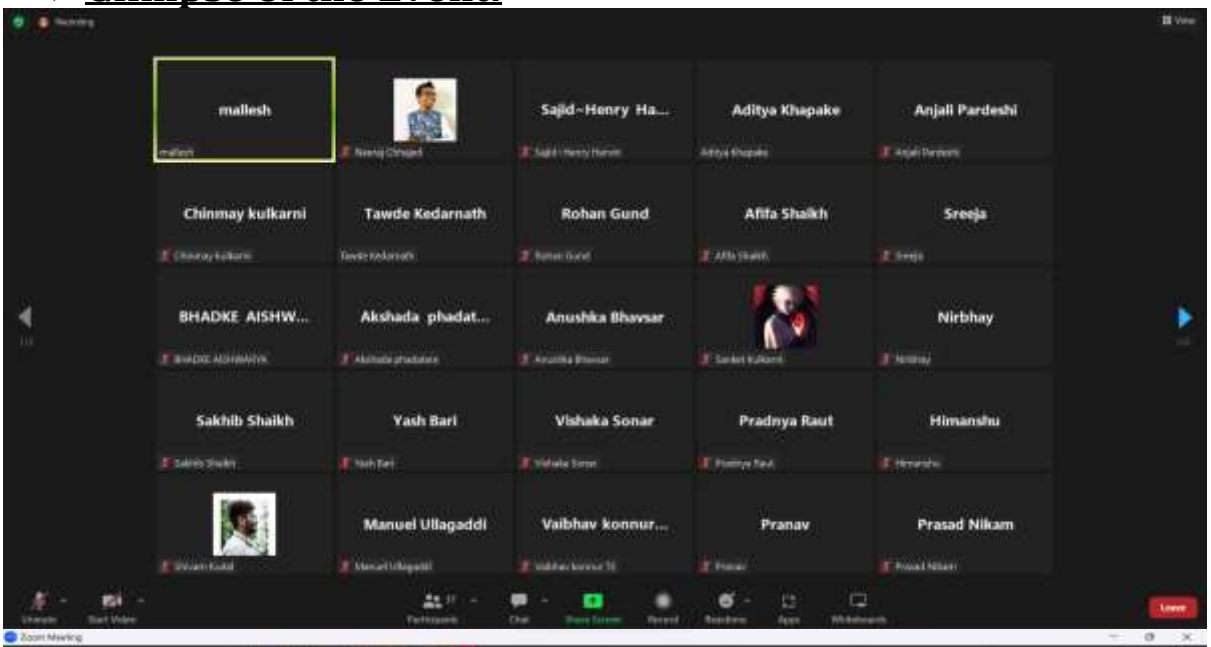
❖ **About the Event:**

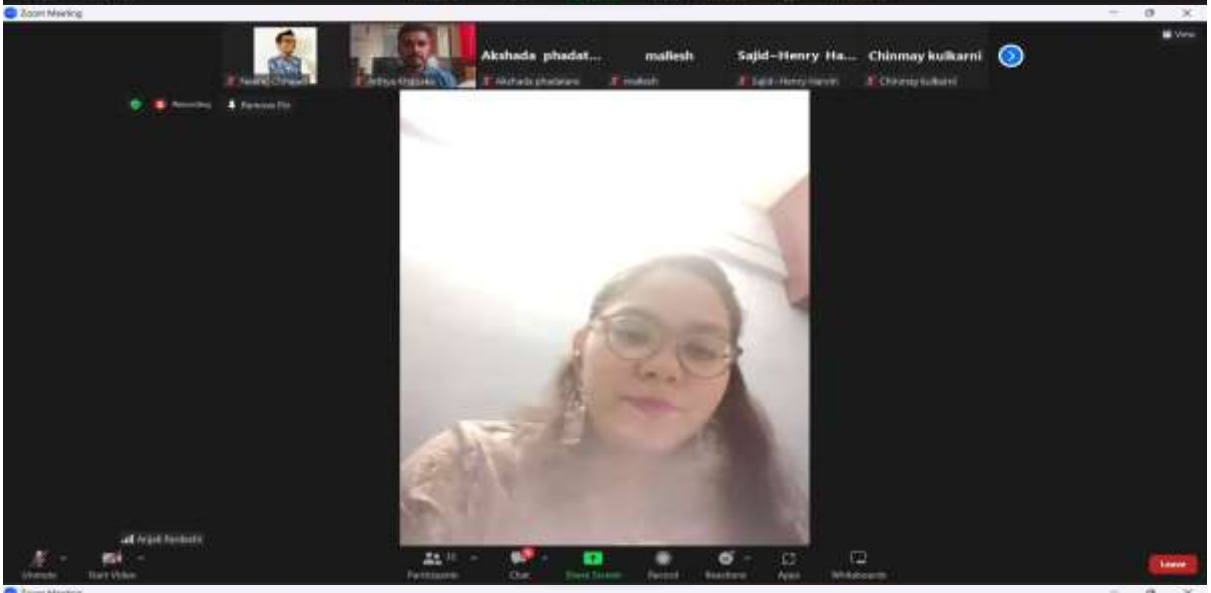
On 07th January 2023 , Electro Infinity Club conducted its First workshop of 2023. It was a successful event. All the participants as well as the club members were enthusiastic and equally active throughout the session. The workshop started with a brief introduction about the Speaker Mr. Mallesh given by our host Anjali Pardeshi.

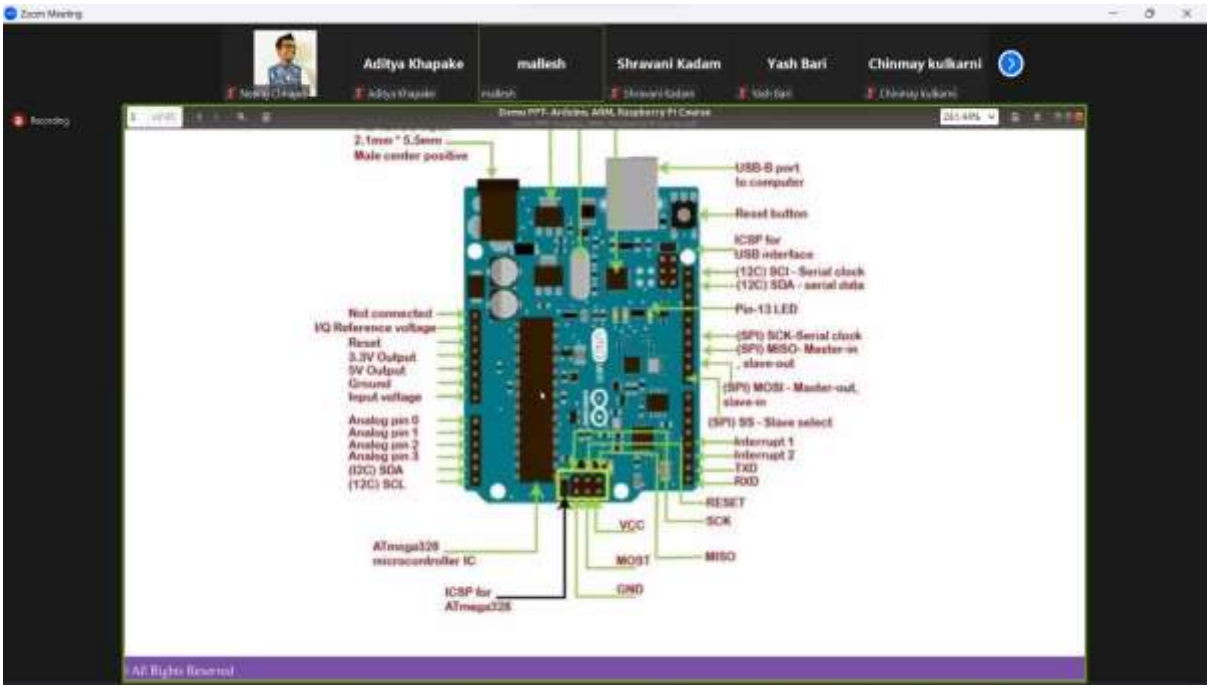
This workshop was divided into two sessions. The first part was theoretical in which Mallesh sir explained basics of Arduino and its working.Then the second session was on Raspberry Pi where he explained the basics of raspberry pi, pin connection, and its programming technique and also explained difference between Arduino and Raspberry Pi.

At the end of the session all doubts were solved and the session ended by vote of thanks by our host.

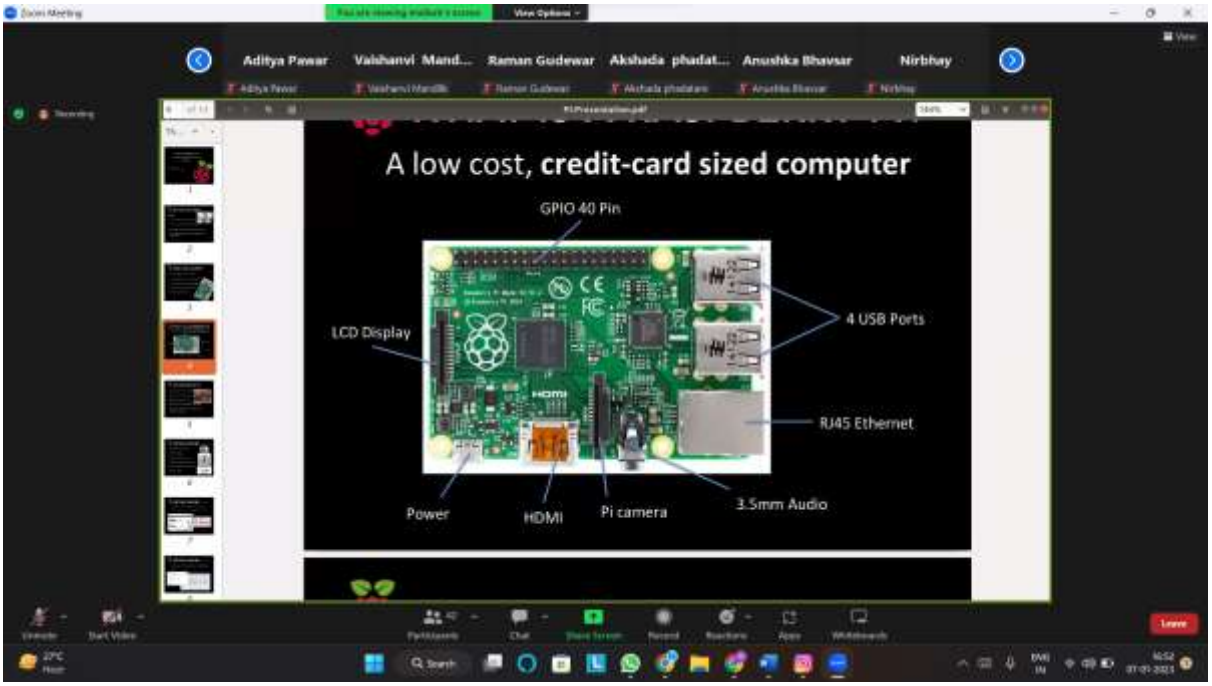
❖ Glimpse of the Event:

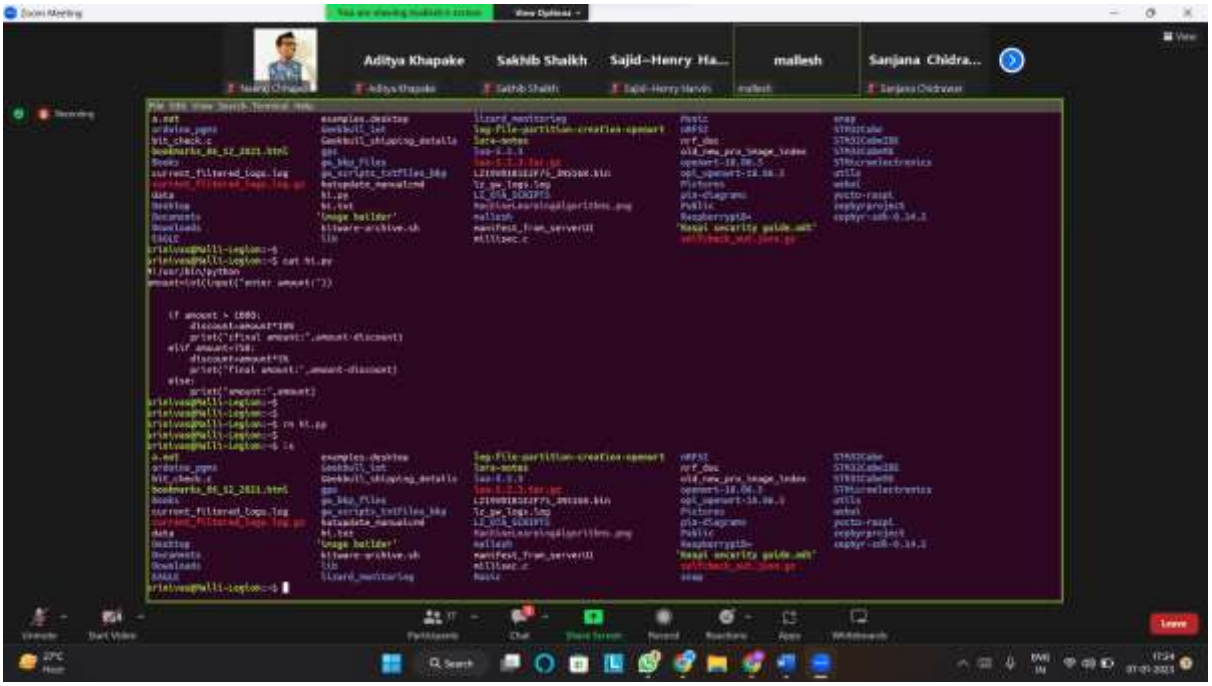





Zoom Meeting
Aditya Khapake
mallesh
Shravani Kadam
Yash Bari
Chinmay kulkarni
Recording
Demo PPT- Arduino, ARM, Raspberry Pi Course
2.1mm * 5.5mm
Male center positive
USB-B port
to computer
Reset button
ICSP for
USB interface
(12C) SCl - Serial clock
(12C) SDA - serial data
Pin-13 LED
Not connected
I/O Reference voltage
Reset
3.3V Output
5V Output
Ground
Input voltage
(SPI) SCK-Serial clock
(SPI) MISO- Master-in
, slave-out
(SPI) MOSI - Master-out,
slave-in
(SPI) SS - Slave select
Analog pin 0
Analog pin 1
Analog pin 2
Analog pin 3
(I2C) SDA
(12C) SCL
Interrupt 1
Interrupt 2
TXD
RXD
RESET
SCK
VCC
MISO
MOST
GND
ATmega328
microcontroller IC
ICSP for
ATmega328
All Rights Reserved

Zoom Meeting
Raman Gudewar
Anushka Bhavsar
Sajid~Henry Ha...
Nirbhay
Sakhib Shaikh
Vishaka Sonar
Recording
Demo PPT- Arduino, ARM, Raspberry Pi Course
HENRY HARVIN
Raspberry Pi
Unmute
Start Video
Participants
Chat
Share Screen
Record
Whiteboards
Leave


Aditya Pawar
Vaishanvi Mand...
Raman Gudewar
Akshada phadat...
Anushka Bhavsar
Nirbhay
A low cost, credit-card sized computer
GPIO 40 Pin
LCD Display
4 USB Ports
RJ45 Ethernet
Power
HDMI
Pi camera
3.5mm Audio


Aditya Khapake
Sakhib Shaikh
Sajid-Henry Ha...
mallesh
Sanjana Chidra...

❖ **Poster:**

Modern Education Society's
College of Engineering, Pune
(Wadia College Campus)
HENRY HARVIN®
ELECTRO INFINITY CLUB
Presents
WEBINAR
On
Raspberry PI
By
Mr.Mallesh
Mr. Mallesh is having around 11+ years of work experience in design & development of embedded systems. He has hands-on-experience in programming languages, H/W boards RaspberryPi, Orange Pi and many more.
Why should you attend it?
• Improve your pattern recognition, logical thinking, reasoning, and problem-solving.
• Idea on how to build pbl & mini projects using Raspberry Pi .
• Learn about Raspberry pi and its applications in the industry .
4:00 PM
SAT, 7TH Jan
Zoom Meeting
SCAN AND REGISTER
Certificate will also be provided!!!
mescoe_eic
Electro Infinity Club

❖ Conclusion:

This session lasted for about 3 and half hours. Participants enthusiastically took part during the workshop and also asked their doubts. Overall the session was very much interactive and helpful. The event was successfully conducted with overwhelming responses.