A REPORT ON

PBL based Hands-On Workshop On

"ARDUINO – Programming & Interfacing"

6th July 2023

Organized By

Department of Engineering Sciences

Marathwada Mitra Mandal's Institute of Technology, Lohgaon, Pune

Approved by AICTE New Delhi, Recognized by DTE Maharashtra & Affiliated to Savitribai Phule Pune,

NAAC "A" Accredited Institute

Patron

Dr. R. V. Bhortake

Principal, MMIT, Lohgaon, Pune

Convenor

Dr. Umesh Moharil

Head of Department, Engineering Sciences, MMIT, Lohgaon, Pune

Coordinator

Dr Meghna Yashwante

Assistant Professor, Engineering Sciences, MMIT, Lohgaon, Pune

The workshop aims to provide an Introduction to the ARDUINO Environment. The workshop will give insight into the programming of ARDUINO using ARDUINO IDE software. The participants will get to know interfacing and control of different peripherals by using ARDUINO Microcontroller

Agenda:

- Introduction about Microcontroller ATMega328P

- Architecture of ARDUINO UNO

- Interfacing Circuits of ARDUINO UNO to various peripherals

- Different Real-life applications

- Programming in C

Learning Outcomes:

- Learn the basics of electronics, including reading schematics (electronics diagrams)

- Learn the Arduino programming language and IDE

- Program basic Arduino examples

- Prototype circuits and connect them to the Arduino

- Program the Arduino microcontroller to make the circuits work

- Connect the Arduino microcontroller to a serial terminal to understand communication and

stand-alone use

The details about Workshop:

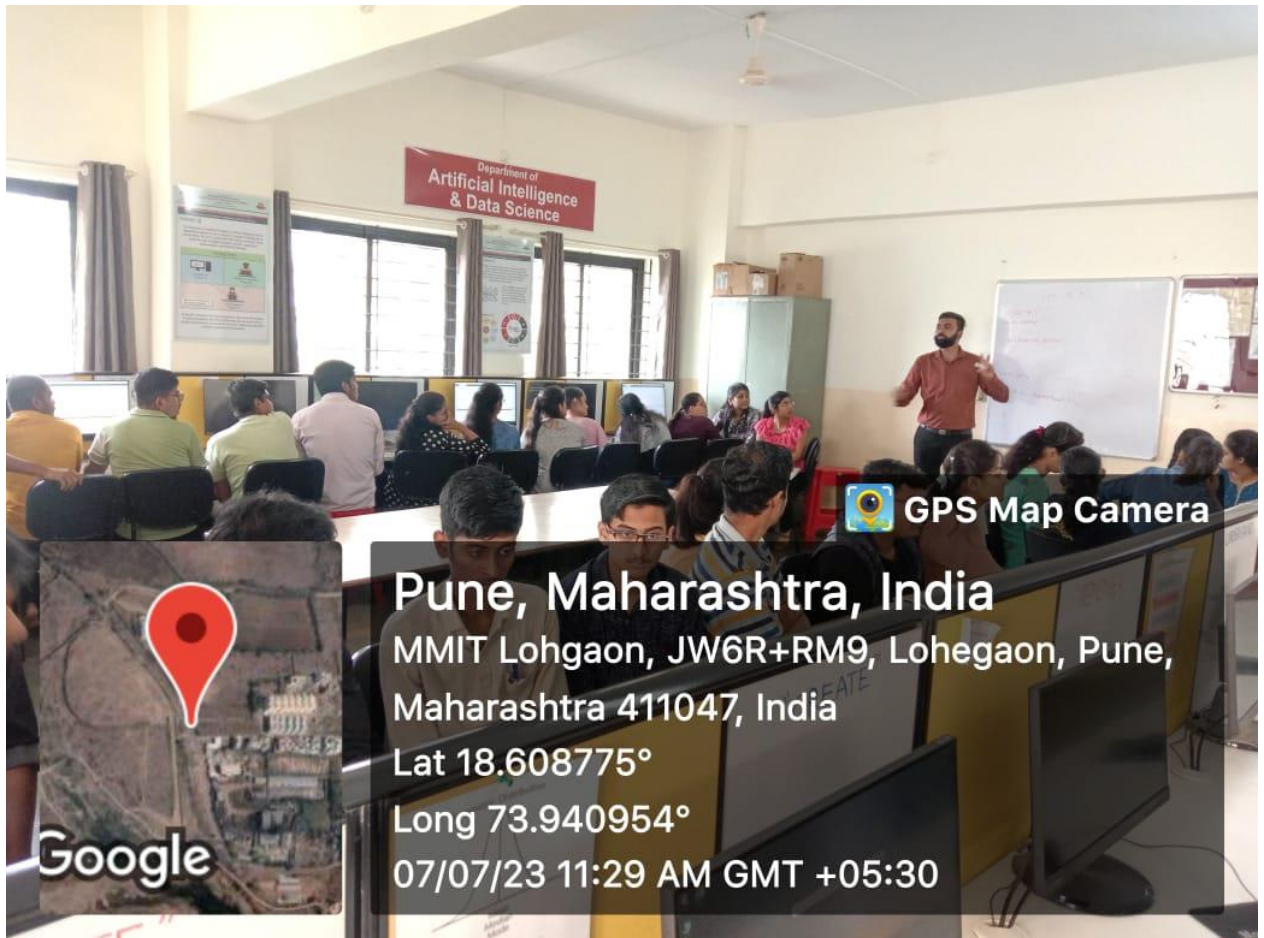Title of Workshop: ARDUINO – Programming & Interfacing

Date: 6th July 2023

Time: 10:00 am to 03:00 pm

The Workshop was concluded with a vote of thanks and feedback from Participants.
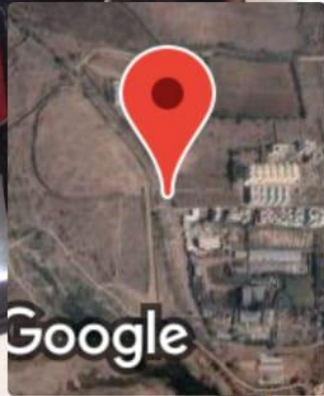
Glimpses of Workshop:

Pune, Maharashtra, India
MMIT Lohgaon, JW6R+RM9, Lohegaon, Pune,
Maharashtra 411047, India
Lat 18.608775°
Long 73.940954°
07/07/23 11:29 AM GMT +05:30

List of Participants:

DATE: 07/07/23

Subject :- PBL Workshop

Sr No.	Name of Student	Sign
1	Vibhavari Honrao	Vibhavari
2	Divya Vaibhav Dosi	D.V.Dosi
3	Harshita Jadhav	H.Jadhav
4	Mulay Sanika Satish	Smulay
5	Tejaswini Chintawar	mam
6	Shraddha Sunil Gadekar	Gadekar
7	Dnyaneshwari Shegokar	AA
8	Atharv Dixit	Atharv
9	Om Deshmukh	Odeshmukh
10	Prathmesh Shinde	
11	Ritesh vairalkar	
12	Tirthesh Mahajan	
13	Prathamesh Gadele	
14	Sunil Garhane	
15	Shivam Jagtap	
16	Gaikwad Vishal	
17	Bokal Prasanna	P.M.Bokal
18	Shinde Aditya	A.S.Shinde
19	Aditya Nile	
20	Adesh Sonawane	
21	Aditya Wavhale	
22	Chirag Bhirud	
23	Jay Bhoge	JayBhoge
24	Tushar Thoke	
25	Rushikesh Azote	
26	Pranay Baviskar	
27	Kartik Sinkar	@sinkar
28	Swapnil. H. Salunke.	Salunke S.H.
29	Utkarsh Anecha	Anecha
30		

Marathwada Mitra Mandal's Institute of Technology,
Lohgaon, Pune-47

A.Y. 2022-23 (SEM-II)

DATE: 07/07/23

Subject :- PBL workshop

Sr No.	Name of Student	Sign
1	Pranali Yenare	Pranali
2	Samruddhi Bore	Srsony
3	Prateeksha Kumbhar	Kumbhar
4	Rashi Madne	Mad
5	Sayali Sawant	Sawant
6	Girija Takale	Gri
7	Hemakshi Ingale	Hirgal
8	Snehal Thube	Snehal
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Coordinator   HOD

Meghna   UPMoharil.

DR M R Yashwante   Dr U P Moharil