



Department of Mechatronics Engineering
NOTICE

Date:-8/09/2022

All the students are hereby informed that the Mechatronics Engineering department is organizing a two days workshop for "**Hands-on for Arduino Kit and Arduino IDE software**".

The details of workshop are as follows:

Date : 13th and 14th Sep 2022

Time : 9 am to 3 pm.

Venue:Computer Center

This workshop is open for all the disciplines of Engineering courses and this is mandatory to all the SE Mechatronics students.

Prof. Sonali S Patil
Department Coordinator

Dr. Anjali Joshi
HOD Mechatronics Department



"Techno - Social Excellence"
**Marathwada Mitramandal's
 Institute of Technology (MMIT)**



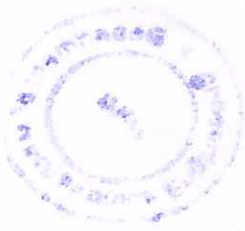
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 Survey No. 35, Vadgaon Shinde Road, Lohgaon, Pune - 411 047
 Approved by AICTE, New Delhi, Recognised by DTE, M.S.Mumbai, Affiliated to Savitribai Phule Pune University
 Email : principal@mmit.edu.in Website : www.mmit.edu.in
 Tel No. : +91 7447786623 / +91 7447786624 **DTE Institute Code : 6203**

On the occasion of Engineers Day Celebration

Mechatronics Engineering Department

organized "Hands on Arduino Kit and Arduino IDE Software"

Sr No	Name of student	Year	Branch	Mobile no	Sign of student 13 sep	Sign of student 14 sep
1	Mitesh kate	S E	Mecx	7678031499	Mitesh	Mitesh
2	Nishad Jod	SE	Mecx	9423273588	Nishad	Nishad
3	Badewar, Pareshwar	SE	Mech	7776857668	Pareshwar	
4	Mianjan Javand	S.E	Mecx	7517458038	Mianjan	Mianjan
5	Harshad Harshad	SE	Mech	7840948832	Harshad	Harshad
6	Salve Pratik	SE	Mech	8208863025	Pratik	Pratik
7	Rawade Nikhil	S.E	mech	9209024990	Nikhil	Nikhil
8	AMI JADHAV	S.E	Mechx	8788017764	Jadhav	Jadhav
9	Rohit Gaikwad	S.E	Mech	9130738438	Rohit	Rohit
10	Phongade Harshad	SE	mech	842109529	Phongade	Phongade
11	Shreyash Mend	S.E	Mech	8208744847	Shreyash	Shreyash
12	Sunil Pathare	S.E	Mech	7588225823	Pathare	Pathare
13	Pravin Gode	S.E	Mech	7350887926	Gode	Gode
14	Saurabh R. Bante	S.E	Mechx	9922874508	Bante	Bante





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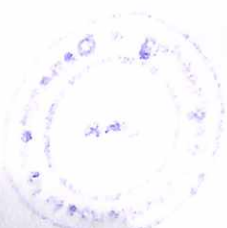
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DTE Institute Code : 6203

15	Dashrath Ghode	SE	mech	9406673053	Dashrath	✓
16	Parmanand Vaishnav	SE	mech	7350988427	Parmanand	✓
17	Awhale Ketan	SE	mech	7620462076	IA	IA
18	Kaustubh D	SE	Mechx	7972502294	Kaustubh	Kaustubh
19	Suyit Suryawanshi	SE	Mechx	8378981721	Suyit	Suyit
20	Aditya Ahir	TE	Comp	8390665669	Aditya	✓
21	Pratiksha Nataraj	TE	Comp	9552731701	Pratiksha	Pratiksha
22	Shraddha Boorve	TE	Comp	9905767099	S.Boorve	S.Boorve
23	Himanshu Attarde	TE	Comp	7098191919	H. Attarde	H. Attarde
24	Akanda Dhore	TE	Mechx	8669050052	Akanda	Akanda
25	Yashraj Palande	T.E.	Mechx	9075443319	Yashraj	Yashraj
26	Gaurav Mahur	T.E.	mechx	8080326704	Gaurav	Gaurav
27	Madanraj Biradar	SE	mech	8767820593	Madanraj	Madanraj
28	Deepa K More	SE	Mechx	99518367970	Deepa	Deepa
29	Rehanmulla	SE	mechx	8261883525	Rehanmulla	Rehanmulla
30	Omkar Khattar	SE	Mech	9112606995	Omkar Khattar	Omkar Khattar
31	Soham Bansode	SE	mech	9309520061	Soham Bansode	✓
32	Vishal mane	SE	mech	8010032904	Vishal mane	✓
33	Deshmukh Sangramrao	T.E.	Mech	7447548373	Deshmukh	
34	Ketan Thakur	T.E.	Mech	7841877970	Ketan Thakur	Ketan Thakur
35	Sakshi Raut	SE	Mechx	8698611224	Sakshi Raut	Sakshi Raut





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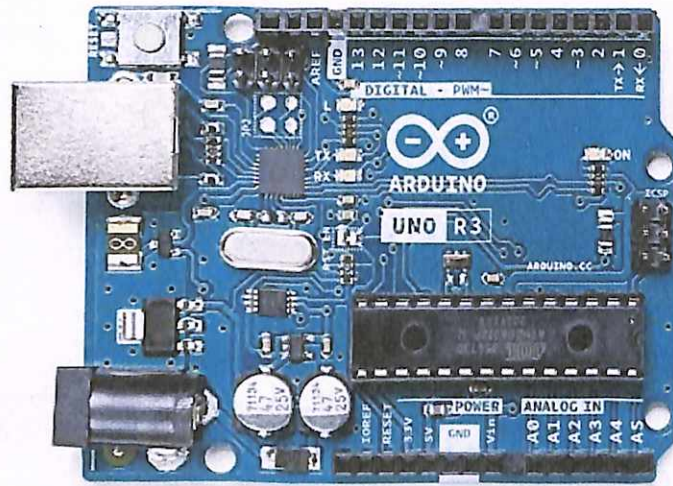
36	Aryan Dalvi	SE	Mechx	9022067852	Aryan Dalvi	A. Dalvi
37	Omkar Chennur	TE	Mechatronics	9307114939	Omkar Chennur	Omkar Chennur
38	Atharv Mokate	SE	Mechx	9421456952	Atharv Mokate	Atharv Mokate
39	Shreya Gaikwad	SE	Mechx	9403872230	S. Gaikwad	Shreya Gaikwad
40	Om Jadhav	SE	Mechx	8788017764	Om Jadhav	Om Jadhav
41	Saurabh Bante	SE	Mechx			
42	Mohit Shikase	SE	Mechx	9834455847	Mohit Shikase	Mohit Shikase
43	Aniket Pindhe	TE	Comp	9659065835	Aniket Pindhe	Aniket Pindhe
44	Sayyed Muskan	SE	Mechx	8767117577	Sayyed Muskan	Sayyed Muskan
	Yash Avhal	SE	Mechx	844680674	Yash Avhal	Yash Avhal



A REPORT ON

Two Day Hands-On Workshop On "ARDUINO Kit and ARDUINO IDE Software"

13/09/22 TO 14/09/22



Organized By

On the occasion of Engineers' Day



"सर्वे वाग्दानं हिता"

Department of Mechatronics Engineering

MarathwadaMitra Mandal's Institute of Technology, Lohgaon, Pune

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Dr. Anjali Joshi
Head of Department, Mechatronics Engineering, MMIT, Lohgaon, Pune

Coordinator

Prof. Sonali S Patil
Assistant Professor, Mechatronics Engineering, 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 come to know interfacing and control of different peripherals by using ARDUINO Microcontroller



Students have learned a simple pathway to creating interactive objects that can take input from switches and sensors, and control physical outputs like lights, motors or actuators.

Agenda:

- Introduction about Microcontroller ATmega 328P
- 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: Two Day Hands-On Workshop On "ARDUINO Kit and ARDUINO IDE Software"
ARDUINO

Date: 13th And 14th Sep 2022

Time: 09:00 am to 03:00 pm

Feedback Link: <https://forms.gle/VgH44iuwsEQRexGH8>

After successful completion of Workshop the Question Answer session was organized for participants.



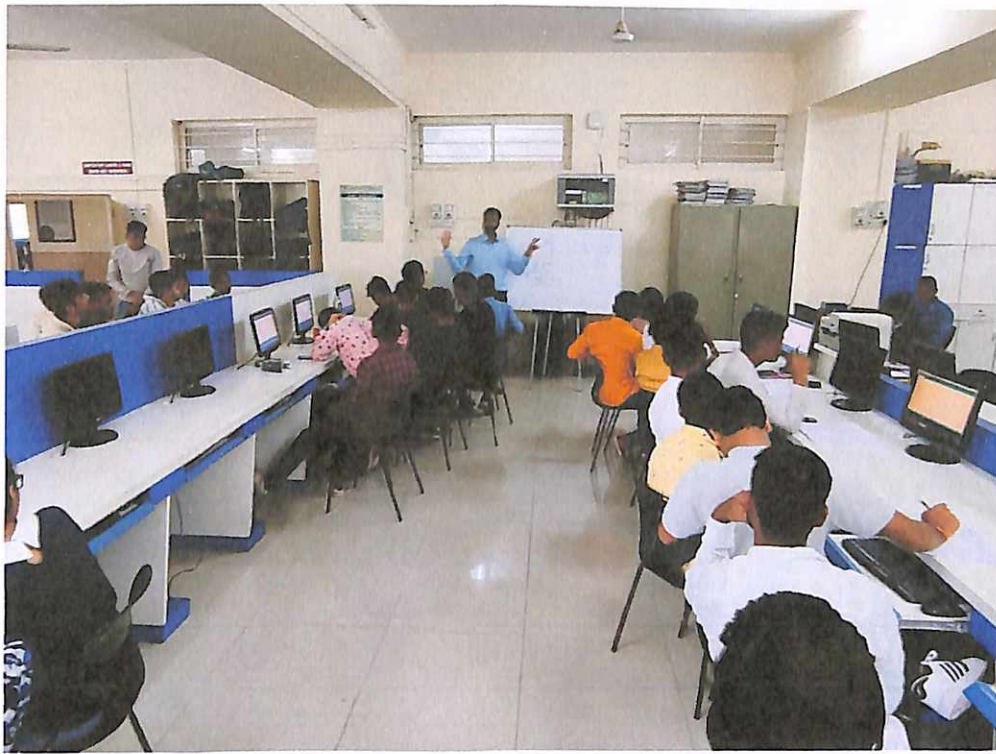
Vote of thanks:

Dr Anjali Joshi , Head of Mechatronics Engineering, expressed thanks to Management for supporting and to Principal for motivating to arrange the Workshop. The participants of the Workshop wish to thank all resource person, and all the staff from MMIT for their dedication to show all aspects of the process, making the Workshop a valuable learning experience. Prof Sonali Patil has coordinated the workshop very well.

The Workshop was concluded with vote of thanks and feedback of Participants. After submission of Participants feedback, E-Certificate provided to Participants.

Images of Workshop:





Sample Certificate :



Sonali S Patil

Faculty Coordinator

Dr A J Joshi

Head of Mechatronics Engineering
Department

