



Sandip University, Nashik

School of Computer Science and Engineering (SOCSE)

Department of Computer Science & Application

**Value Added program on
Arduino Programming and its
Applications**

For

FY BSc. CS AI ML & VR

Category of Event (Expert Lecture/Workshop/Symposium/Conference/Industry Visit/Meeting/Conference)	: Value Added Program
Title (Name of Event)	: Arduino Programming and its Applications
Schedule (Date(s) and Time)	: During month of August (08:00 AM to 03.00 PM)
Venue	: O -Building Seminar Hall, Sandip University Nashik
Duration	: 30 hours
Organizing Faculty/ Convener (s)	: Dr. Vaibhav Sonaje
Organizing Department/Faculty:	: Computer Science & Application #1. Ms. Kalyani Deore #2. Mr. Mritunjay Ranjan #3 Ms. Monali Jadhav #4. Mr. Ramdas Gore

Total Number of Participants : 108 Participants

Expert(s) Profile : Mr. Prafulla P. Chaudhari

Student Volunteers : #1. Gaurav Deore
#2. Dhruv Tambat
#3. Keshav Mahale
#4. Avishkar Anarthe
#5. D. S. Manasi
#6. Chanchal Fegade
#7. Rakesh Patil
#8. Shriram Mange

Objectives:

- ✓ Studying/Learning "Arduino Programming and its Applications" equips learners with fundamental skills to program and utilize Arduino microcontrollers in various applications.
- ✓ This open-source platform empowers individuals to create interactive projects, fostering creativity and innovation.
- ✓ By honing Arduino programming skills, participants can create projects like automated systems, wearable devices, home automation, and interactive art installations.

About the activity: It is the offline activity for the FY-B.Sc. (AIML) Students of the Department of Computer Science and Application SOCSE, Sandip University, Nasik.


Conclusion & Remarks: Arduino programming is a versatile, user-friendly microcontroller system that has become a cornerstone in electronics and programming. Its open-source nature fosters a vibrant community, enabling diverse applications in robotics, home automation, wearable technology, and environmental monitoring. Arduino's fusion of creativity, technology, and practicality fuels innovation and advancements in electronic applications.

Goal- Oriented, Flexibility: Arduino programming combines goal-oriented functionality with remarkable flexibility, making it a pivotal platform for electronics enthusiasts, students, and professionals. Its open-source nature encourages customization, compatibility with sensors, actuators, and components, and code modularity promotes iterative development.

Any other (as per requirements) : **Nil**

Flyer:



The flyer features a central orange hexagonal graphic with a faint 'SANDIP UNIVERSITY' watermark. At the top, the Sandip University logo (a lion's head in a circle) is positioned to the left of the text 'SANDIP UNIVERSITY' in red, with 'UGC Recognised' in black below it. Below the university name, the text 'SCHOOL OF COMPUTER SCIENCES AND ENGINEERING.' is in black, and 'Department of Computer Science and Application.' is in red. The word 'Organizes' is in black. The main title 'Value Added Program on Arduino Programming and its Applications for FY B.sc. Computer Science (AIML & VR)' is centered in blue. Below the title is a horizontal strip of four images: an Arduino board, a breadboard with components, a white robot car, and a red and white robot car. Below this strip is a larger image of an Arduino Uno board. The resource person's name, 'Mr. Prafulla P. Chaudhari', is in red, with 'Co-ordinators' in blue below it. The co-ordinators' names are listed in black: Ms. Kalyani Deore, Ms. Monali Jadhav, Mr. Mritunjay Ranjan, and Mr. Ramdas Gore. At the bottom, the date, time, and venue are listed with small icons: a calendar for the date, a clock for the time, and a location pin for the venue.

 **SANDIP**
UNIVERSITY
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SCHOOL OF COMPUTER SCIENCES AND ENGINEERING.
Department of Computer Science and Application.




Organizes

Value Added Program
on
Arduino Programming and its
Applications
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FY B.sc. Computer Science
(AIML & VR)

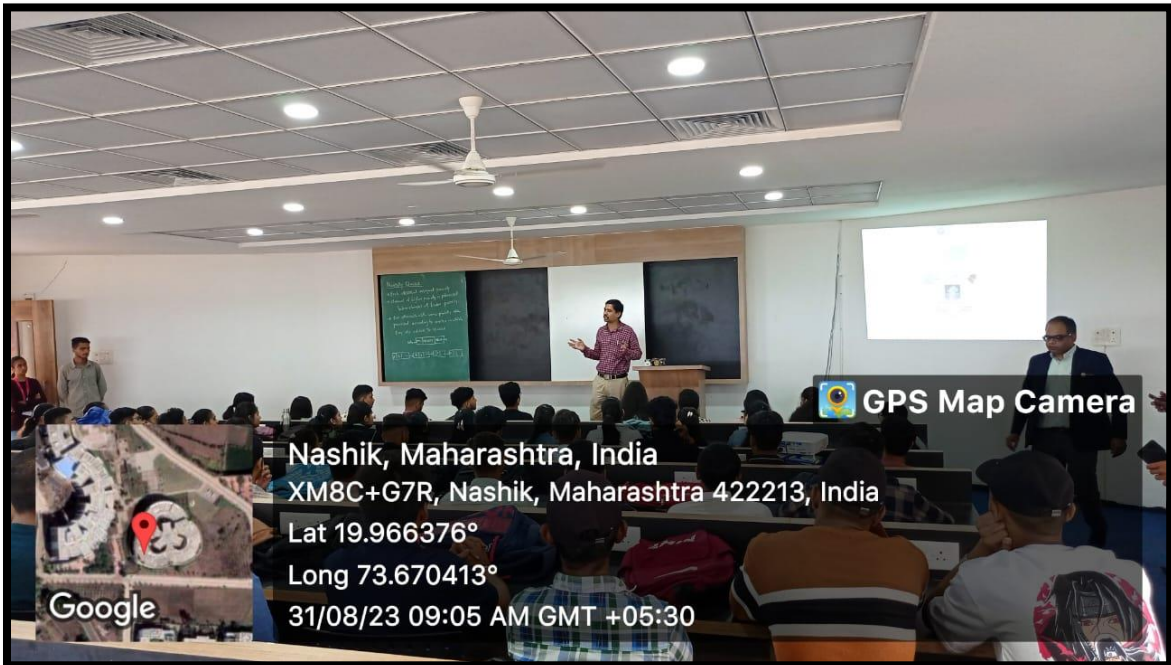


:- Resource Person :-
Mr. Prafulla P. Chaudhari
Co-ordinators

Ms. Kalyani Deore Mr. Mritunjay Ranjan
Ms. Monali Jadhav Mr. Ramdas Gore

 Date: 31th August 2023
 Time: 8:00 am To 3:00 pm
 Venue: O Building Seminar Hall, Sandip University,
Nashik.

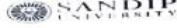
Geotagged Photographs :





News Coverage (If applicable): NIL

List of Participants: (attach detail list with Names and sign of participants)

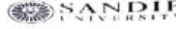

SANDIP UNIVERSITY
 School of Computer Science & Engineering
 Department of Computer Science & Application
 Organizes
 Value Added Program on Arduino Programming and its Applications
 For F.Y.B.Sc Computer Science

Date: 31/08/23 Time: 8:00 to 3:00

Attendance List

Sr.No	Div	PRN	Name of Students	Sign
1	G	230105311164	Mufaddal Ramputrawale	Mufaddal
2	B	230105311128	Aarav B. Nandan	Aarav
3	B	230105311140	Tushar B. Bangale	Tushar
4	A	230105311025	Mayank R. Bangali	Mayank
5	F	230105311208	Lipika S. Manwar	Lipika
6	A	230105311014	Ash A. Rajan	Ash
7	A	230105311006	Mansi Mahendra Kothawade	Mansi
8	A	230105311007	Tapsini Sameer Shaikh	Tapsini
9	A	230105311016	Sanjay Sanjay Singh	Sanjay
10	A	230105311015	Naman Pratik Deshmukh	Naman
11	A	230105311119	Dhyanesh Dayanand Shakti	Dhyanesh
12	A	230105311085	Shubham Phillip Yadav	Shubham
13	B	230105311160	Sudip Dipak Borse	Sudip
14	B	230105011371	Rupesh Gopal Patil	Rupesh
15	A	230105011266	Ganesh Anil Chaudhari	Ganesh
16	B	230105011340	Pratik Deshmukh	Pratik
17	B	230105011379	Priyanshi Mustafa	Priyanshi
18	B	230105011374	Suman Haralal	Suman
19	B	230105011320	Chiranjaya Shiksh	Chiranjaya

HOD
(Dr. Vaibhav Sonje)



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Date: 31/08/23 Time: 8:00 to 3:00

Attendance List

Sr.No	Div	PRN	Name of Students	Sign
1	A	230105311079	Samarudhi Lachake	Samarudhi
2	A	230105311094	Ikshita Gadase	Ikshita
3	A	230105311087	Siddhi Khannar	Siddhi
4	A	230105311122	Sanjya Aniket Jain	Sanjya
5	A	230105311026	Sai Ajay Bhamare	Sai
6	A	230105311002	Rashan Adityashankar Singh	Rashan
7	A	230105311066	Mahyuk Krishna Wagh	Mahyuk
8	A	230105311086	Tushar Zumbhar Karur	Tushar
9	A	230105311054	Nadani Akash Singh	Nadani
10	B	230105311197	Rupali Devdatta Patil	Rupali
11	A	230105311094	Tarushree Dhotrak	Tarushree
12	B	230105311159	Prachi B. Gangurde	Prachi
13	A	230105311045	Yogeshwari S. Desale	Yogeshwari
14	A	230105311049	Pranjal Prashant Sanje	Pranjal
15	A	230105311050	Ananta Narendra Patil	Ananta
16	A	230105311044	Pranjal Mukesh Bachhav	Pranjal
17	A	230105311042	Vansha Anil Aher	Vansha
18	A	230105311010	Shradha Vijay Wadhwa	Shradha
19	A	230105311008	Chitumaye N. Deshmukh	Chitumaye
20	A	230105311022	Rajashree J. Rikame	Rajashree
21	A	230105311071	Neha K. Sonawane	Neha
22	A	230105311017	Sakshi Ganesh Borkar	Sakshi
23	A	230105311080	Akshat Jitendra Patil	Akshat
24	A	230105311118	Prachi Kishor Kale	Prachi

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SANDIP UNIVERSITY
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 For F.Y.B.Sc Computer Science (A7ML)

Date: 31/08/23 Time: 8:00 to 3:00

Attendance List

Sr.No	Div	PRN	Name of Students	Sign
1	A	230105311040	Nikhil D. Raundale	Nikhil
2	A	230105311104	Vaidik R. Ghare	Vaidik
3	A	230105311100	Aaryan S. Laware	Aaryan
4	A	230105311095	Prabhanshi M. Chaudhari	Prabhanshi
5	A	230105311037	Omkar D. Wale	Omkar
6	A	230105311116	Tejas G. Gavil	Tejas
7	B	230105311170	Avinash P. Basal	Avinash
8	A	230105311004	Krishna R. Chaudhari	Krishna
9	A	230105311082	Anand Gokwad	Anand
10	A	230105311081	Akhilket Wadhwa	Akhilket
11	A	230105311081	Kanak Prasad	Kanak
12	A	2301053113247	Shubh Kulkarni	Shubh
13	A	230105311362	Rishi Patil	Rishi
14	A	230105311383	Mayur More	Mayur
15	A	230105311387	Sahil Rohankar	Sahil
16	A	230105311380	Rohit Koli	Rohit
17	A	230105311298	Sai Dhandate	Sai
18	B	230105011296	Raf. Pimpale	Raf.
19	B	230105011230	Nikhil Kumar	Nikhil

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Attendance List

Sr.No	Div	PRN	Name of Students	Sign
1	A	230105311039	Nishant Anil Patil	Nishant
2	A	230105311003	Priyesh Deepak Jadhav	Priyesh
3	B	230105311152	Hemadri Umesh Ahire	Hemadri
4	A	230105311013	Sai Somadham Patil	Sai
5	A	230105311071	Shantanu Nitin Gokwad	Shantanu
6	A	230105311070	Pranav Anandkar Mali	Pranav
7	B	230105311163	Pratik Nageshwar Koli	Pratik
8	A	230105311086	Vishal Ganesh Patil	Vishal
9	B	230105311068	Aditya Bhaidas Patil	Aditya
10	A	230105311011	Vaibhav Anil Ghate	Vaibhav
11	A	230105311038	Ashish Anandkar Patil	Ashish
12	A	230105011319	Lalit Ramesh Shinde	Lalit
13	A	230105011323	Pranav Anandkar Patil	Pranav
14	A	230105011291	Lokesh Karthik Shukla	Lokesh
15	A	230105011337	Pranav Jitendra Patil	Pranav

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Attendance List

Sr.No	Div	PRN	Name of Students	Sign
1	B	230105311135	Rohit Hemant Vaidhew	
2	B	2355012215	subale Jash sandip	
3	B	230105311132	Pranav Sumit Gulave	
4	A	2301-11-068	Aadesh Mundha	
5	B	230105311156	Waghmode Keshav	
6	B	230105311174	Adhav Harshal	
7	A	230105311078	Rushikesh Jomander Patil	
8	B	230105311166	Deshmuth Santosh	
9	B	230105311134	Pratik S. Bhinde	
10	B	230105311210	Ajay K. Waksare	
11	B	230105311167	Mangruv. minde.	
12	A	230105311101	Siddhant Anas	
13	A	230105311096	Sonawane sumit	
14	A	230105311083	Soham Sapkal	
15	A	230105311070	Konarsing Ramranga G.	

HOD
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Sr.No	Div	PRN	Name of Students	Sign
1	A	230105311001	Shoikh. Aamish Mein	
2	A	230105311067	Patel AbdulRaziq Muzbar	
3	A	230105311043	Asif Alimam Ansari	
4	B	230105311171	Shantav Sauryaj Jogi	
5	B	230105311181	Siddhant Abay Bhambare	
6	B	230105311130	Aditya Sauryaj Patil	
7	B	230105311137	Adarsh Ashok Chetry	
8	A	230105311117	Ankit Akhilesh Yadav	
9	A	230105311051	Saahil Trasad Dhondra	
10	B	230105311136	Dhanshraj D. Shelke	
11	A	230105311058	Ravindrasir. R. Dae	
12	B	230105311165	Varunakshi G. Yadav	
13	B	230105311189	Govil. Siddhant Khusina	
14	A	230105311025	Sahil Kedar Aher	
15	A	230105311018	Shubham Shankar Sunjal	
16	A	230105311074	Siddhesh Digambar Jadhav	

HOD
 (Dr. Vaibhav Sonje)

Signature of Convener/Organizer

Signature of HoD / Dean