

	Akhil Bharatiya Maratha Shikshan Parishad's Anantrao Pawar College of Engineering & Research		
	Record No.: ACA/D/021 Revision: 00	DoI: 02/01/2023	
EVENT REPORT			

Name of Event: Online STTP on "Arduino"

Date of Event: 23 Oct 2023 to 27 Oct 2023

Organized By: Department of Electronics and Telecommunication Engineering

Time of event: 09:00 am onwards.

Name of Event Coordinators: Prof. S.S. Jagtap

Name of resource Person/ Speaker (If Applicable): IIT Bombay, Spoken Tutorial Recorded Sessions

Brief Introduction of Resource Person/Speaker (If Applicable): NA

Course Outcomes:

On completion of the workshop, student will be able to

C312.5: Apply professional network and expose students to future employees. (TE E & TC_C312-Mini Project)

C312.6: Apply professional and societal ethics to solve technical problems (TE E & TC_C312-Mini Project)

Program Outcomes Strengthen:

PO-5

Modern tool usage: Create, select, and apply appropriate Techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

Target Audience with count: Total Students= 38 (SE, TE, BE E & TC Students)

Brief Description of Event:

Event Schedule:

Day 1: 23/10/2023

Sr. No.	Topic	Course Links
1	Overview of Arduino	https://spoken-tutorial.org/watch/Arduino/Overview+of+Arduino/English/
2	Electronic components and connections	https://spoken-tutorial.org/watch/Arduino/Electronic+components+and+connections/English/
3	Introduction to Arduino	https://spoken-tutorial.org/watch/Arduino/Introduction+to+Arduino/English/
4	Arduino components and IDE	https://spoken-tutorial.org/watch/Arduino/Arduino+components+and+IDE/English/

Day 2: 24/10/2023

Sr. No.	Topic	Course Links
5	First Arduino Program	https://spoken-tutorial.org/watch/Arduino/First+Arduino+Program/English/

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		tutorial.org/watch/Arduino/First+Arduino+Program/English/
6	Arduino with Tricolor LED and Push button	https://spoken-tutorial.org/watch/Arduino/Arduino+with+Tricolor+LED+and+Push+button/English/
7	Arduino with LCD	https://spoken-tutorial.org/watch/Arduino/Arduino+with+LCD/English/
8	Display counter using Arduino	https://spoken-tutorial.org/watch/Arduino/Display+counter+using+Arduino/English/

Day 3: 25/10/2023

Sr. No.	Topic	Course Links
9	Seven Segment Display	https://spoken-tutorial.org/watch/Arduino/Seven+Segment+Display/English/
10	Pulse Width Modulation	https://spoken-tutorial.org/watch/Arduino/Pulse+Width+Modulation/English/
11	Analog to Digital Conversion	https://spoken-tutorial.org/watch/Arduino/Analog+to+Digital+Conversion/English/
12	Wireless Connectivity to Arduino	https://spoken-tutorial.org/watch/Arduino/Wireless+Connectivity+to+Arduino/English/

Day 4: 26/10/2023

Sr. No.	Topic	Course Links
13	Introduction to IoT	https://spoken-tutorial.org/watch/Arduino/Sending+data+to+the+cloud+using+IoT+devices/English/
14	Sending data to the cloud using IoT devices	https://spoken-tutorial.org/watch/Arduino/Sending+data+to+the+cloud+using+IoT+devices/English/
15	Assembly of Robot	https://spoken-tutorial.org/watch/Arduino/Assembly+of+Robot/English/
16	Robot Control using Bluetooth	https://spoken-tutorial.org/watch/Arduino/Robot+Control+using+Bluetooth/English/

Day 5: 27/10/2023

Sr. No.	Topic	Course Links
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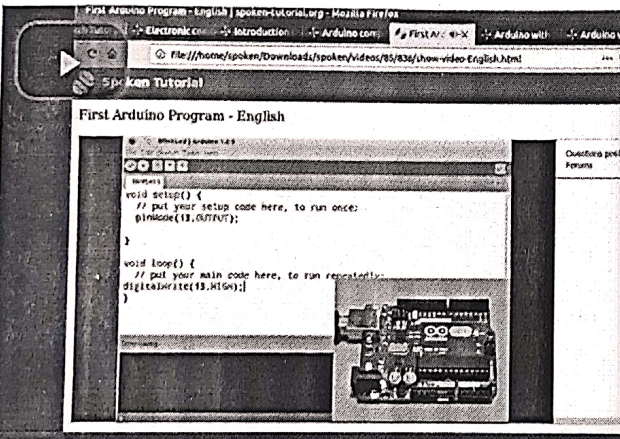
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17	Assembly programming through Arduino	https://spoken-tutorial.org/watch/Arduino/Assembly+programming+through+Arduino/English/
18	Digital Logic Design with Arduino	https://spoken-tutorial.org/watch/Arduino/Digital+Logic+Design+with+Arduino/English/
19	AVR-GCC programming through Arduino	https://spoken-tutorial.org/watch/Arduino/AVR-GCC+programming+through+Arduino/English/
20	Interfacing LCD through AVR-GCC programming	https://spoken-tutorial.org/watch/Arduino/Interfacing+LCD+through+AVR-GCC+programming/English/

Photographs:



Overview of Arduino - English



Questions posted on Forums

Arduino Tutorials - English

Questions posted on ST Forums:

Regarding Test And Certificate Of Arduino Course By Swayam

Swayam- Arduino course test and certificate have registered for the course Arduino in Swayam portal. I need to write test and like to get certificate. But there's no link in this portal for registering exam. Thanks RUSHIL DHUBE. Email: - rushildhube1305@gmail.com

00-01M 0-10S RushilDhube

Answer last updated on: May 17, 2024, 8:48 p.m.

how do I apply for Exam

How To apply for exam I do all the lectures...how can I give test and get certificate

Spoken-Tutorial IIT Bombay

84092 visits

Show video info

Pre-requisite

No Pre-requisites for this tutorial.

[Instruction Sheet](#) /
 [Installation Sheet](#) /
 [Report Missing Component](#) /
 [Post your Question on the Forum](#)

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Overview of Arduino - English

Overview of Arduino

Spoken Tutorial Project
<https://spoken-tutorial.org>
 National Mission on Education through ICT
<http://sakshat.ac.in>
 Nirmala Venkat
 IIT Bombay
 4 June 2018

Questions posted on Forums

Questions posted on ST Forums:

Which arduino set is the best for beginners
 I'm confused which arduino set is the best for beginners b'cuz I m beginner
00-01M 0-10S parthnemade
 Answer last updated on: Feb 17, 2021, 12:31 p.m.

How to register for certification course
 I need to regltsr for certification of Arduino course.Can you please tell me how on my email:shilvam.94635@gmail.com
00-01M 0-10S cool_shilvam
 Answer last updated on: Aug 5, 2022, 1:56 p.m.

When do this course start on SWAYAM. How do I get



Spoken-Tutorial IIT Bombay

YouTube 54K

[Instruction Sheet](#) /
 [Installation Sheet](#) /
 [Report Missing Component](#) /
 [Post your Question on the Forum](#)

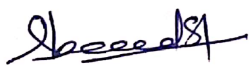
84092 visits

Show video info

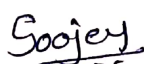
Pre-requisite

No Pre-requisites for this tutorial.

Date:30/10/2023


Event Coordinator


Coordinator,
IIT Spoken Tutorial


Head of Department


Principal



	AkhilBharatiya Maratha ShikshanParishad's AnantraoPawar College of Engineering & Research		
	Record No.: ACA/R/015 Revision: 00	DoI: 2/01/2023	
Participant's Attendance for Event			

Department: Electronics and Telecommunication Class: SE,TE& BE E & TC
Name of Event: Arduino (Spoken Tutorial) Academic Year: 2023-24
Duration: 23 Oct 2023 to 27 Oct 2023

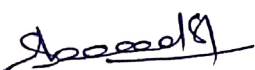
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	Record No.: ACA/R/015 Revision: 00	DoI: 2/01/2023	
Participant's Attendance for Event			

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ANUJA KASAR	anujakasar992@gmail.com	Female

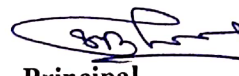
Total Students: 45

Date: 27/10/2023


 Event Coordinator




 Head of Department


 Principal

