

Institution Name: Bapurao Deshmukh College of Engineering, Maharashtra
Department of Electrical Engineering
B. E. V Semester (2022-23)
Foss: Arduino

Following are the links for Video Lectures of Arduino (Spoken Tutorials). Click on individual links.

Lecture Number	Title of Video Lecture
1.	Overview of Arduino
2.	Electronic components and connections
3.	Introduction to Arduino
4.	Arduino components and IDE
5.	First Arduino Program
6.	Arduino with Tricolor LED and Push button
7.	Arduino with LCD
8.	Display counter using Arduino
9.	Seven Segment Display
10.	Pulse Width Modulation
11.	Analog to Digital Conversion
12.	Wireless Connectivity to Arduino
13.	Introduction to IoT
14.	Sending data to the cloud using IoT devices
15.	Assembly of Robot
16.	Robot Control using Bluetooth
17.	Assembly programming through Arduino
18.	Digital Logic Design with Arduino
19.	AVR-GCC programming through Arduino
20.	Interfacing LCD through AVR-GCC programming
21.	Mixing Assembly and C programming
22.	Getting Ready for Arduino FLOSS
23.	Arduino Programming with Scilab and Xcos
24.	Arduino Programming with Python
25.	Arduino Programming with Julia
26.	Arduino Programming with OpenModelica

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In-charge (Spoken Tutorials)