

(Approved by AICTE, New Delhi / Affiliated to Anna University / Accredited by NACC)
Dindigul – Palani Highway, Dindigul – 624 002

DEPARTMENT OF MECHANICAL ENGINEERING

Workshop on Basic Arduino Robots



Coordinator(s)

Dr. M. SABAREESWARAN, B.E., M.E., Ph.D., Associate Professor

Mr. U. KARTHICK, B.E., M.E., Ph.D., Assistant Professor



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Workshop on Basic Arduino Robots

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Dr.M. SABAREESWARAN

2. U.J.
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Coordinator(s)

HoD/Mech

HoD/Mech

PRINCIPAL



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Dindigul – Palani Highway, Dindigul – 624 002

Department of Mechanical Engineering

29.03.2022

Submitted to the Principal

Sub: Requesting permission for conducting one day workshop on "Basic Arduino Robots"- Reg

It is planned to conduct a one day workshop on "Basic Arduino Robots" for III year Mechanical Engineering students on 05.04.2022 (Tuesday) coordinated by Dr.M.Sabareeswaran, ASP/Mech. and Mr.U.Karthick, AP/Mech. This is a beginner level workshop to understand the basic concepts of robotics, microcontrollers, sensors and motors. During this workshop, live demonstration will be given on line-follower Robot, obstacle-avoidance Robot and Bluetooth-controlled Robot.

Your permission is highly solicited to conduct the workshop on the above said date.

Coordinator(s)

Dr.M.Sabareeswaran

Mr.U.Karthick

HOD/Mech

PRINCIPAL



Dindigul - Palani Highway, Dindigul - 624 002

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Department of Mechanical Engineering

We cordially invite you to the workshop on

Basic Arduino Robots

Venue: C101 Date: 05.04.2022



Sabareeswaran, ASP/Mech. Ir.U.Karthick, AP/Mech. Dr.G.Sankaranarayanan Dr.D.Senthil Kumaran

Faculty Coordinator(s)

HOD/Mech

Principal

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Department of Mechanical Engineering

Name: Workshop on Basic Arduino Robots Date: 05.04.2022

: C101

Student Name List

S.No	Reg.No	Name of the Student
1	922119114002	ANUMADHUBALA R
2	922119114004	ARJUN S
3	922119114007	ASWATH S
4	922119114010	HARIPRASANTH M
5	922119114014	KARTHIK M
6	922119114016	KESAVAN N
7	922119114017	KRISHNAKANTH J
8	922119114018	LEO PRINCE L
9	922119114019	MOHAMED JAWITH ANWAR J
10	922119114020	NAGARAJ B
11	922119114021	NAVEEN S
12	922119114022	NAVEEN KUMAR V
13	922119114023	PERUMAL P
14	922119114024	PRADEEP V
15	922119114025	PRAKASH S
16	922119114026	PRAVEEN KUMAR J
17	922119114027	PRAVEEN M
18	922119114028	PRAVIN T
19	922119114029	RAJA M
20	922119114034	SANTHOSH KUMAR M
21	922119114036	SASIKUMAR N
22	922119114037	SATHISH A
23	922119114039	SURYA S
24	922119114040	THIRUVIKRAMAN T
25	922119114041	UDHAYA KUMAR K
26	922119114043	VIVEKANANDAN B
27	922119114044	YOGASUNDAR M
28	922119114301	AJEETH G

SABAREESWARAN]

ARTHICK]

Faculty Coordinator(s)

HoD / MECH



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Department of Mechanical Engineering

Workshop on Basic Arduino Robots								
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DO.M. SABAREES WARAN

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Department of Mechanical Engineering Workshop on Basic Arduino Robots

A one-day workshop on Basic Arduino Robots for Third Year Mechanical Engineering Students was organized on 5th April 2022. Dr.M.Sabareeswaran, ASP/Mech and Mr. U. Karthick coordinated the workshop. Dr.G.Sankaranarayanan, HOD/Mech. addressed the students about the features and benefits of the robotics workshop and motivate the students to participate national level robotics competition. The following topics were discussed during the workshop.

- Robots
- Robotics
- Types of Robots and their applications,
- Career in Robotics.
- Introduction to Arduino
- Live demonstration of building Bluetooth Control, Voice Control, Obstacle avoidance and Line follower Robots
- Doubt clarification and conclusion.



Inaugural address by Dr.G. Sankaranarayanan, HOD/Mech





Outcome of the workshop:

Overall students understood the working with Arduino and gained basic knowledge of various Arduino development boards, Programming environment and onboard features of Arduino Uno.

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(Optional)

of the Student: M. SANTHOSH KOMAR	(Op	otional)				
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Department of Mechanical Engineering

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Signature

Dindigul- Palani Highway, Dindigul - 624 002.

Department of Mecha	nnical En	gineering	3				
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