



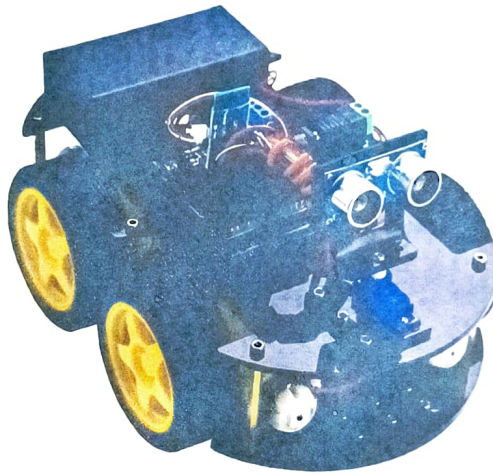
SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(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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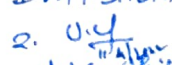
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Dindigul – Palani Highway, Dindigul – 624 002

Workshop on Basic Arduino Robots

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1. M. 
Dr. M. SABAREESWARAN
2. U. 
U. Karthick
Coordinator(s)


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.

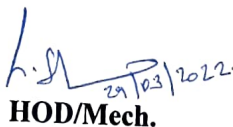
Your permission is highly solicited to conduct the workshop on the above said date.


29/3/22


Coordinator(s)

Dr.M.Sabareeswaran

Mr.U.Karthick


29/03/2022
HOD/Mech.


29/3
PRINCIPAL

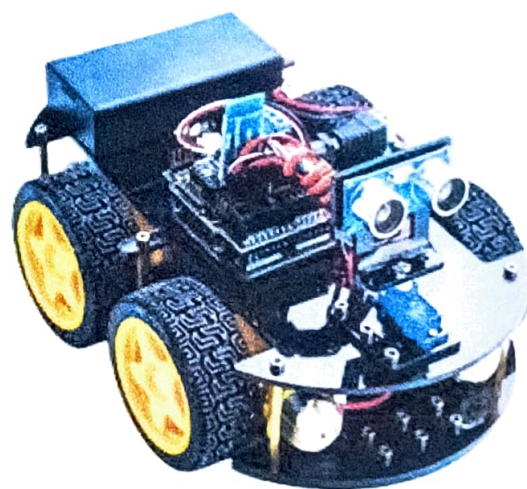
Department of Mechanical Engineering

*We cordially invite you to the workshop
on*

Basic Arduino Robots

Date: 05.04.2022

Venue: C101



Sabareeswaran, ASP/Mech.
Dr.U.Karthick, AP/Mech.
Faculty Coordinator(s)

Dr.G.Sankaranarayanan
HOD/Mech

Dr.D.Senthil Kumaran
Principal

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Dindigul – Palani Highway, Dindigul – 624 002

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


M. SABAREESWARAN


ARSHNICK

Faculty Coordinator(s)


05/04/2022
HoD / MECH



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Dindigul – Palani Highway, Dindigul – 624 002

Department of Mechanical Engineering

Workshop on Basic Arduino Robots

Room : C101

Date: 05.04.2022

NO	REG NO	NAME	SIGNATURE
1	922119114002	ANUMADHUBALA R	
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M. SABAREESWARAN

Co-Coordinator(s)

M. U. KARTHICK

HoD / MECH

Department of Mechanical Engineering

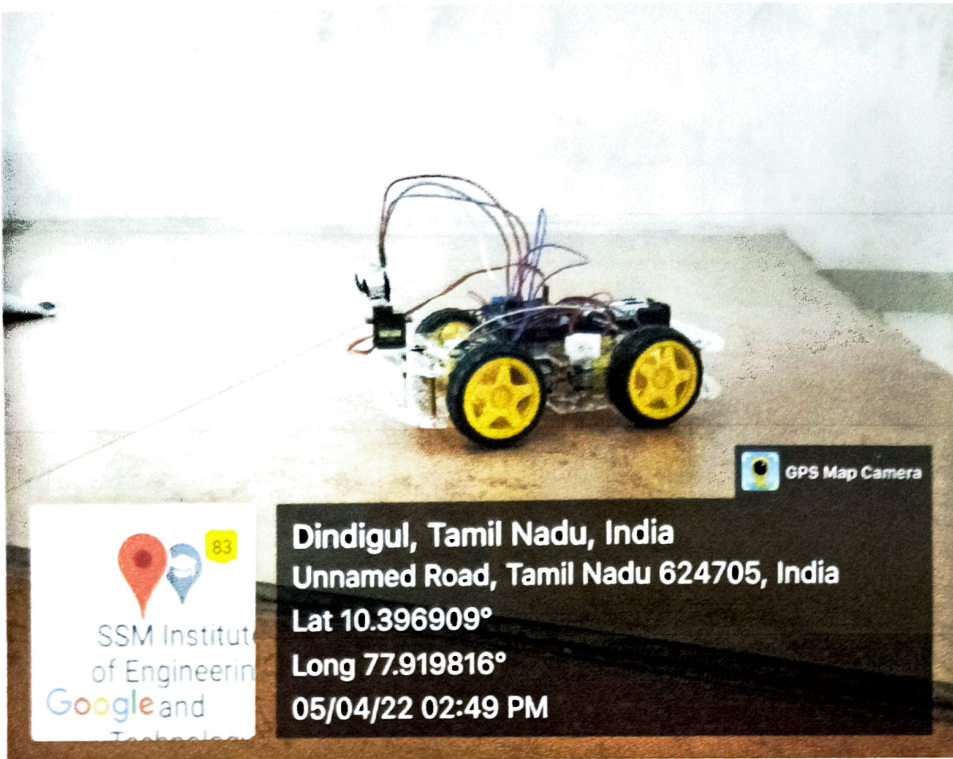
Workshop on Basic Arduino Robots

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.

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

Dindigul- Palani Highway, Dindigul - 624 002.

Department of Mechanical Engineering

of the Student : M. SANTHOSH KUMAR (Optional)

Title : Arduino Base Robotics

: 15-4-22

respond to the following questions by ticking one box only for each question. if you have any criticism or suggestions for
ement. Your views are very important and will help us to improve our events, facilities, etc.

Section 1 - Event

Scoring Example

5	4	3	2	1
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Information provided at this event is relevant
to you

High		4				LOW
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You are likely to use this information in the
future

High		4				LOW
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Presentations were interesting

High	5					LOW
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You would recommend this event to
others

High		4				LOW
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Overall, the event was worthwhile

High		4				LOW
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The venue was suitable

High	5					LOW
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Comments/ suggestions
(If any)

Santhosh
Signature

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

Dindigul- Palani Highway, Dindigul – 624 002.

Department of Mechanical Engineering

of the Student : S. Arjun (Optional)

Title : Basic Arduino Robots

: 05/04/2022

respond to the following questions by ticking one box only for each question. if you have any criticism or suggestions for
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Presentations were interesting

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You would recommend this event to
others

High	5					LOW
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Overall, the event was worthwhile

High	5					LOW
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The venue was suitable

High	5					LOW
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Comments/ suggestions
(If any)

Good!

S. Arjun
Signature

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

Dindigul- Palani Highway, Dindigul - 624 002.

Department of Mechanical Engineering

Name of the Student : V Pradeep (Optional)

Title : Basic Arduino Robots

Date : 05.04.2022

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Section I – Event

Scoring Example

5	4	3	2	1
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Overall, the event was worthwhile

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The venue was suitable

High		<input checked="" type="checkbox"/>				LOW
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Comments/ suggestions
(If any)

Good.


Signature

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

Dindigul- Palani Highway, Dindigul - 624 002.

Department of Mechanical Engineering

Name of the Student : SURYA.S (Optional)

Title : BASIC ARDUINO ROBOTS

Date : 05-04-2022

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Comments/ suggestions
(If any)

Signature

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Dindigul- Palani Highway, Dindigul - 624 002.

Department of Mechanical Engineering

Name of the Student : VERAKA S (Optional)

Title : Basic Arduino Robots.

Date : 05/4/22

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Comments/ suggestions
(if any)

Satisfied & wonderful.

S. Prakash
Signature

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

Dindigul- Palani Highway, Dindigul – 624 002

Department of Mechanical Engineering

the Student : P. PERUMAL (Optional)

title : BASIC Arduino Rob. of S.

: 05-04-2022

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Comments/ suggestions (any)

Satisfied & wonderful.

P. Perumal
Signature

SM INSTITUTE OF ENGINEERING AND TECHNOLOGY

Dindigul- Palani Highway, Dindigul – 624 002.

Department of Mechanical Engineering

the Student : S. Naveen (Optional)

le : Basic - Arduino Robots

: 05.04.2022

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Comments/ suggestions
(If any)

Good.

S. Naveen
Signature