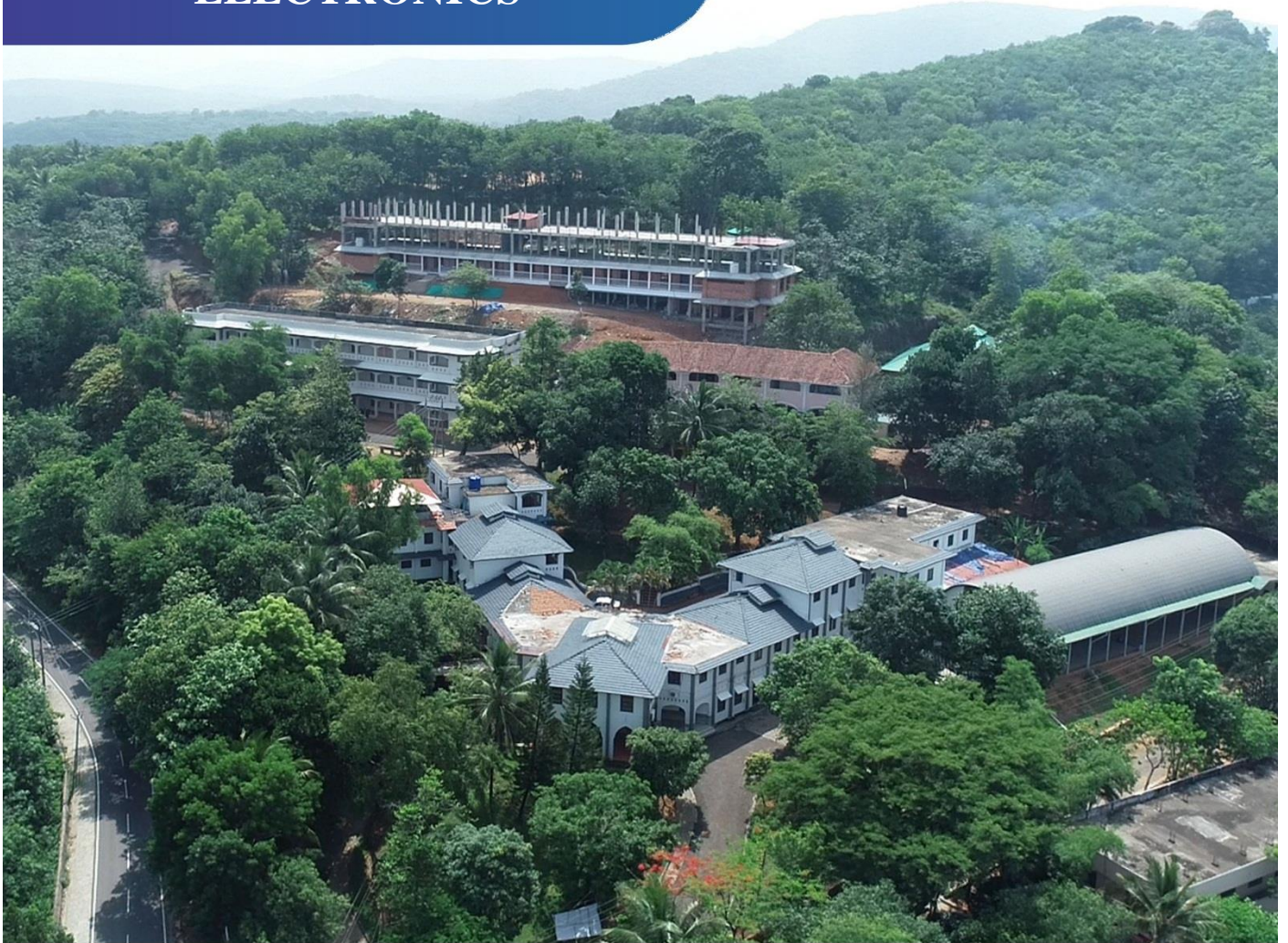




# MES COLLEGE ERUMELY

## CERTIFICATE COURSE ELECTRONICS



2021 - 2022



# **MES COLLEGE ERUMELY**

**Department of Electronics**

***Certificate Course***

***On***

***‘ Introduction to Arduino ’***

***Starting***

***on***

***14/03/2022***

**Jisha C K**

***Head of the Department***

**Maheen M. N**

***Principal***



<b>MES College Erumely</b>	
<b>Department of Electronics</b>	
<b>Certificate course</b>	
<b>Introduction to Arduino</b>	
<b>Total: 32hrs</b>	
<b>Module 1</b>	<b>10 hrs</b>
Introduction to micro controller	
IDE programming	
Statements: if, else, while, combinations, true/false and for.	
Introducing Arrays	
<b>Module 2</b>	<b>10hrs</b>
Introduction to programming	
Basic circuits: Push button, Potentiometer, Buzzer, Serial Monitor, Temperature measurement	
<b>Module 3</b>	<b>12 hrs</b>
Interfacing: LCD, servo motor	
Sensors: Light Sensor, Tilt Sensor, Vibration sensor, Magnetic Field Detector	
Applications	
<b>Course objectives</b>	
<b>To familiarize Arduino board and its basic components.</b>	
<b>To provide knowledge of the fundamental principles of Arduino boards.</b>	
<b>To learn the basics of Arduino programming language.</b>	



Director HRDC

# MES COLLEGE ERUMELY


Department of Electronics

Attendance of Certificate Course

Total Hours : 30


Semester III


Sl.No	Reg No.	Name of the Candidates	No. of hours Present	Percentage
1	210021045449	Abhijith K.S	29	97
2	210021045450	Abin P Reji	24	80
3	210021045451	Anandhu Satheesh	25	83
4	210021045452	Anoop S	28	93
5	210021045453	Athulkumar N S	27	90
6	210021045454	Karun Kumar	29	97
7	210021045455	Mahesh Kumar K M	26	87
8	210021045457	Sooraj Subhash	27	90

  
Ananthan M Shaji

  
19/10/2022

Name & Signature of the  
Head of the Department

  
JISHA CK

  
Prof. (Dr.) ANIL KUMAR. S  
Principal  
MES College, Erumely

# MES COLLEGE ERUMELY

Department of Electronics

Attendance of Certificate Course

Total Hours : 30

Semester V

Sl.No	Reg.No	Name of theCandidate	No. of hours Present	Percentage
1	200021047404	Adarsh Raj P	28	93
2	200021047405	Aiswarya Aji	29	97
3	200021047406	Ajin S S	28	93
4	200021047407	Anisha Lathief	23	77
5	200021047408	Arunlal A T	25	83
6	200021047409	Muhammad Anzil	26	87
7	200021047410	Muhammad Mehdi	26	87
8	200021047412	Sreeraj P N	27	90
9	200021047413	Uday Usman	25	83


Anantha M Sreji

  
19/11/2022

Name & Signature of the  
Head of the Department

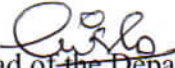



JISHA C.K


  
Prof. (Dr.) ANIL KUMAR,  
Principal  
MES College, Erumely

**MES COLLEGE ERUMELY**  
**Directorate of Human Resource Development Council**  
**CERTIFICATE COURSE Eligible List :2021-2022**  
**Department of Electronics**  
**Course : Introduction to Arduino**

Sl.No	Reg. No	Name of the Candidate	Score
1	200021047404	Adarsh Raj P	42
2	200021047405	Aiswarya Aji	50
3	200021047406	Ajin S S	46
4	200021047407	Anisha Lathief	34
5	200021047409	Muhammad Anzil	43
6	200021047410	Muhammad Mehdi	31
7	200021047412	Sreeraj P N	40
8	200021047413	Uday Usman	36
9	210021045449	Abhijith K.S	33
10	210021045450	Abin P Reji	27
11	210021045452	Anoop S	33
12	210021045453	Athulkumar N S	33
13	210021045454	Karun Kumar	46
14	210021045455	Mahesh Kumar K M	32
15	210021045457	Sooraj Subhash	43

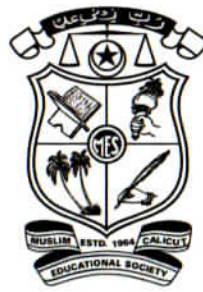
  
 Head of the Department  
 JISHA C.K

  
 Director HRDC  
 REJoola O.M.

  
 Principal  
 Prof. (Dr.) ANIL KUMAR S.  
 PRINCIPAL  
 MES COLLEGE ERUMELY







# MES COLLEGE ERUMELY

ESTD : 1995 (AFFILIATED TO MAHATMA GANDHI UNIVERSITY)

A Minority Educational Institution, Certified by National Minority Education Commission

M E S Erumely P.O., Kottayam Dist., Pin. 686 509

MESIEC/HRDC/1283

30/11/2022

## Certificate of Merit

This is to certify that Mr./Ms. Adarsh Raj P

has successfully completed the 30 hours Certificate Course entitled Introduction to

Arduino.....Conducted by MES College Erumely



JISHA C. K.  
Head of the Department  
MES College Erumely

REJOOLA O.M

Co-Ordinator

Prof. (Dr.) ANIL KUMAR S.  
Principal  
MES College Erumely



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M E S Erumely P.O., Kottayam Dist., Pin. 686 509

MES/ED HRDC/1284

30/11/2022

## Certificate of Merit

This is to certify that Mr./Ms.....Aiswarya Aji.....

has successfully completed the 30 hours Certificate Course entitled.....Introduction to.....

.....Arduino.....Conducted by MES College Erumely



Aiswarya Aji  
Head of the Department

Rejoola O.M  
REJOOLA O.M

Co-Ordinator

Anil Kumar S.  
Prof. (Dr.) ANIL KUMAR S.  
Principal  
MES College Erumely