



SRI VENKATESWARA

COLLEGE OF ENGINEERING AND TECHNOLOGY

Thirupachur-631203, Tiruvallur TK & DT
Approved by AICTE New Delhi & Affiliated to Anna University, Chennai
(A Telugu Minority Institution)

21ECEVAC01 - APPLICATION OF ARDUINO IN HOME AUTOMATION SYSTEM

EVENT REPORT

Name of the Course: APPLICATION OF ARDUINO IN HOME AUTOMATION SYSTEM

Name of the Instructor: 1. Mr.V. Rajesh Kumar, Asst. Prof, SVCET
2. Mrs.Angelin Silvia, Asst Prof, SVCET

Year and Branch: II,III,IV,& ME-VLSI-ELECTRONICS AND COMMUNICATION ENGINEERING

Duration of Course: 35 Hrs (09.08.2021 to 14.08.2021)

SUMMARY OF THE EVENT:

The Course was inaugurated on 09.08.2021 at 8.30 am by our respectable Principal and HOD. As per the Course plan session was started and went smooth for the Remaining days. On the last day 14.08.2021 by 2.30 pm the course was completed successfully.

During the Six Days of the program Students were participated with enthusiasm and they finally gained Knowledge on "APPLICATION OF ARDUINO IN HOME AUTOMATION SYSTEM"

ASSESMENT MODE:

No of Students Enrolled: 179

Scheme of Exam: Offline

No of Students appeared: 179

No of Students Passed: 179

Date of Exam: 14.08.2021

OUTCOME:

After the completion of the course the students will be able to understand the basic components of Embedded system, able to create structure and Arduino program, they can able to create embedded system using Arduino with different sensors and Actuators


COORDINATOR

(Mr. E. Murali)




HOD / ECE

(Mr. V. Rajeshkumar)

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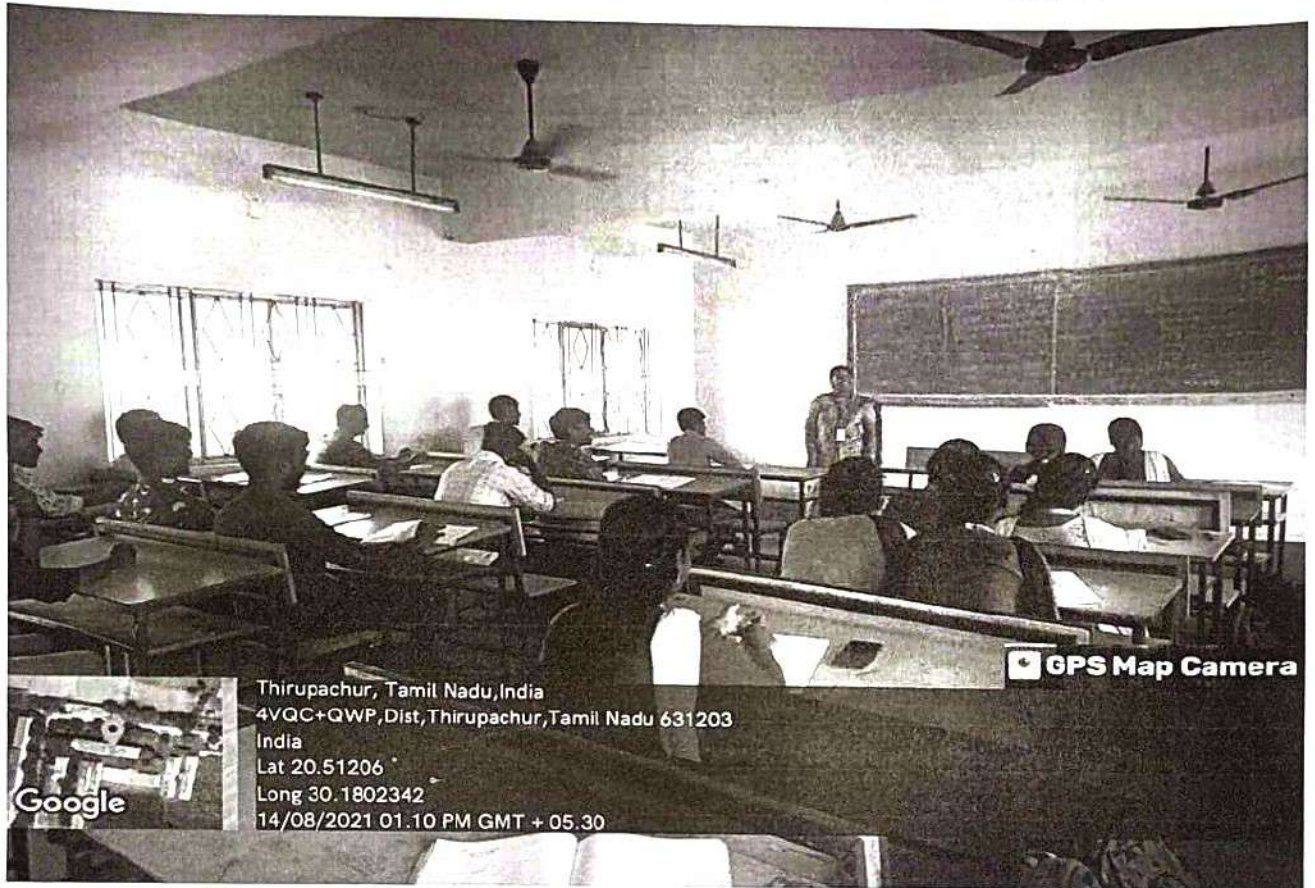


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21ECEVAC01 - APPLICATION OF ARDUINO IN HOME AUTOMATION SYSTEM



Value Added Course on “APPLICATION OF ARDUINO IN HOME AUTOMATION SYSTEM”

Handled by Mr.V. Rajesh Kumar AP/ECE/SVECT and Mrs. Angelin Silvia, AP/ECE/SVECT.




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REQUEST LETTER

From

V. Rajeshkumar
HOD /ECE
SVCET
Thirupachur.

Permitted
J.V.

To

The Principal
SVCET
Thirupachur

Respected sir,

Sub: Requesting permission to conduct a 6 Days value added course –Reg

As the Head of **Electronics and Communication Engineering** Department, I would like to request your support and permission to conduct Training Program on “**Application of ARDUINO in Home Automation System**” in our department. There is a need that has been identified of keeping the students up to date with the new technologies. Most students would not have knowledge on this area which is not our available in our curriculum. So, there is need for a there is need for this program to challenge the industry opportunities.

The dates for the Training program have been fixed. The Training will start on 09.08.2021 and end on 14.08.2021 (35Hrs). Will be handled by them Mr. Asst. Prof SVCET and Mr. V. Rajeshkumar, Asst. Prof. Department of ECE/ SVCET. I kindly request your assistance in providing Tea and snack for the participants (students).

Please find the attached Invitation, circular to students, and a presentation highlighting the key areas that will be focused in the Training program.

Thanking You

[Signature]
HOD/ECE

(Mr. V. Rajeshkumar)



[Signature]
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(Dr. J. Venkatesh)



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31.07.2021

CIRCULAR

The department of Electronics and Communication Engineering will be conducting value added course on “Application of ARDUINO in Home Automation System” from 09.08.2021 to 14.08.2021 (35 Hrs). it is proposed to keep the students up to date with the new technologies.


All the students are requested to participate actively, certificate will be provided for the enrolled Participants.

All the interested candidates should enroll their names to Mr. Anand Kumar, Assistant Professor, Department of Electronics and Communication Engineering on or before 05.08.2021


HOD/ECE

(Mr. V. Rajeshkumar)




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PRINCIPAL

(Dr. J. Venkatesh)



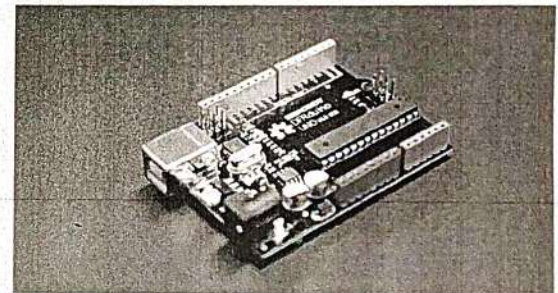
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
APPLICATION OF ARDUINO HOME AUTOMATION SYSTEM

Date : 09.08.2021 - 14.08.2021

RESOURCE PERSON

- 1. Mr. V. Rajeshkumar /Asst Prof / SVCET**
- 2. Mrs. S. Angelin Silviya /Asst Prof / SVCET**



Mr. V. Rajeshkumar
HOD / ECE


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Dr.J. Venkatesh
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RESOURCE PERSON PROFILE

Resource person Profile 1

Name : Mr.V. Rajeshkumar
Designation : Assistant Professor
Department : Electronics & Communication Engineering
Organization : SVCET
Phone Number : 9677204739
Email.ID : vrajeshmv@gmail.com
Qualification : ME
Experience : 9 Years

Resource person Profile 2

Name : Mrs. Angelin Silvia
Designation : Assistant Professor
Department : Electronics & Communication Engineering
Organization : SVCET
Phone Number : 9940630437
Email.ID : angelinsilvias@gmail.com
Qualification : ME
Experience : 4 Years




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21ECEVAC01 - APPLICATION OF ARDUINO IN HOME AUTOMATION SYSTEM

COURSE CONTENT

OBJECTIVE:

- To understand the basics of Embedded systems
- To create a structured and efficient Arduino programs
- To develop the embedded systems using Arduino with different sensors

MODULE-I: EMBEDDED SYSTEM DESIGN: BASICS

Introduction to embedded systems. Components of embedded system - Different Microcontroller Architectures (CISC, RISC, ARISC) - Internal Resources & Hardware Chips in Details Memory Architectures (RAM/ROM) History of AVR Microcontrollers and Features.

MODULE-II: LEARNING ARDUINO PLATFORM


Introduction to ARDUINO, ARDUINO History and Family - Programming in Embedded-C, Concepts of C language - General Hardware Interfacings: LED's, Switches, even Segment Display, Multi Segment Displays, Relays (AC Appliance Control), LCD, Buzzer, IR Sensors.

MODULE-III: SENSORS AND ACTUATORS USING ARDUINO


Introduction to sensors and actuators - How to connect and work with different sensors, such as Humidity - Proximity, IR Motion, Accelerometer, Sound, Light Distance, Pressure, Thermal etc to ARDUINO Board - Reading various sensor data on serial monitor and LCD Display - Functioning of actuator. Reading data from analog and digital sensors on Serial Monitor/LCD Monitor, Work with LED Controlled by Switch/potentiometer.

OUTCOMES:

- Understand the basics of components of Embedded systems
- Able to create a structured and efficient Arduino programs
- Develop the embedded systems using Arduino with different sensors and actuators.


COORDINATOR
(Mr. E. Murali)




HOD / ECE
(Mr. V. Rajeshkumar)
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21ECEVAC01 - APPLICATION OF ARDUINO IN HOME AUTOMATION SYSTEM

COURSE SCHEDULE

6 Days Training Schedule – APPLICATION OF ARDUINO IN HOME AUTOMATION SYSTEM

Day & Date	Session & Time	Speaker Name	Session Topics
Day 1 & 09.08.2021	8.30 am to 10.30am	Mrs.Angelin Silvia Asst Prof, SVCET	Introduction to embedded Components of embedded system
	10.45 am to 12.45 pm	Mr.V. Rajeshkumar Asst.Prof.,SVCET	Different Microcontroller Architectures (CISC, RISC, ARISC)
	1.30 pm to 3.30pm	Mrs.Angelin Silvia Asst Prof, SVCET	Internal Resources & Hardware Chips in Details
Day 2 & 10.08.2021	8.30 am to 10.30am	Mrs.Angelin Silvia Asst Prof, SVCET	Memory Architectures (RAM/ROM)
	10.45 am to 12.45 pm	Mr.V.Rajeshkumar Asst.Prof.,SVCET	History of AVR Microcontrollers and Features
	1.30 pm to 3.30pm	Mrs.Angelin Silvia Asst Prof, SVCET	Introduction to ARDUINO, ARDUINO History and Family.
Day 3 & 11.08.2021	8.30 am to 10.30am	Mrs.Angelin Silvia Asst Prof, SVCET	Programming in Embedded-C, Concepts of C language.
	10.45 am to 12.45 pm	Mr.V.Rajeshkumar Asst.Prof.,SVCET	General Hardware Interfacings: LED's, Switches, Seven Segment Display.
	1.30 pm to 3.30pm	Mrs.Angelin Silvia Asst Prof, SVCET	Multi Segment Displays, Relays (AC Appliance Control)
Day 4 & 12.08.2021	8.30 am to 10.30am	Mrs.Angelin Silvia Asst Prof, SVCET	Introduction to sensors and actuators
	10.45 am to 12.45 pm	Mr.V.Rajeshkumar Asst.Prof.,SVCET	Arduino Programming with interfacing of LCD, Buzzer, IR Sensors.
	1.30 pm to 3.30pm	Mrs.Angelin Silvia Asst Prof, SVCET	Arduino Programming with interfacing of sensors, Humidity - Proximity.
Day 5 & 13.08.2021	8.30 am to 10.30am	Mrs.Angelin Silvia Asst Prof, SVCET	Interfacing of IR Motion, Accelerometer, Sound, Light Distance ARDUINO Board.
	10.45 am to 12.45 pm	Mr.V.Rajeshkumar Asst.Prof.,SVCET	Interfacing of Pressure, Thermal sensors with ARDUINO Board.
	1.30 pm to 3.30pm	Mrs.Angelin Silvia Asst Prof, SVCET	Reading various sensor data on serial monitor
Day 6 & 14.08.2021	8.30 am to 10.30am	Mrs.Angelin Silvia Asst Prof, SVCET	LCD Display - Functioning of actuator
	10.45 am to 12.45 pm	Mr.V.Rajeshkumar Asst.Prof.,SVCET	Reading data from analog and digital sensors on Serial Monitor/LCD Monitor
	1.30 pm to 2.30pm	Mrs.Angelin Silvia Asst Prof, SVCET	Work with LED Controlled by Switch/potentiometer


COORDINATOR

(Mr. E. Murali)




HOD / ECE


PRINCIPAL

(Mr. V. Rajeshkumar)

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21ECEVAC01 - APPLICATION OF ARDUINO IN HOME AUTOMATION SYSTEM

Course Code	21ECEVAC01
Name of the Course	APPLICATION OF ARDUINO IN HOME AUTOMATION SYSTEM
Duration of the Course	35 HOURS
Academic Year	2021-22
Period of the Course	09.08.2021-14.08.2021

LIST OF ENROLLED STUDENTS

S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	SIGNATURE
1	II	112420106001	ARUT SELVI.J	J. Arut Selvi
2	II	112420106002	DEEPIKA.S	Deepika.S
3	II	112420106003	ELAVARASI.A	A. Elavarasi
4	II	112420106004	ISWARYA.S	S. Iswarya
5	II	112420106005	PARKAVI.J	J. Parkavi
6	II	112420106006	POORNA CHANDRA.M	M. Poorna Chandra
7	II	112420106007	PRADEESH S R	R. Pradeesh
8	II	112420106008	PUNNIYAKODI.R	R. Punniyakodi
9	II	112420106009	SATHIYA PRIYA K.S	S. Sathya Priya
10	II	112420106010	TAMILARASI.M	M. Tamilarasi
11	II	112420106011	THEJESHWAR B.B	B. Thejeswar
12	II	112420106301	AJITHKUMAR A	A. Ajithkumar
13	II	112420106302	AJITHRAJ R	R. Ajithraj
14	II	112420106303	AKASH R	R. Akash
15	II	112420106305	ARUN KUMAR A	A. Arun Kumar



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S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	SIGNATURE
16	II	112420106306	ARUN KUMAR R	Arun Kumar R
17	II	112420106307	ASHOK KUMAR A	Ashok
18	II	112420106308	BALAJI M	Balaji
19	II	112420106309	BHARATHI M	Bharathi M
20	II	112420106310	BOOMIRAJAN S	Boomi
21	II	112420106311	CHENGUTTUVAN M	Chenguttuvan
22	II	112420106312	CHIRANJEEVI S	Chiranjeevi
23	II	112420106313	DEEPAK J	Deepak J
24	II	112420106314	DHANACHEZHIAN M	Dhanachezhian
25	II	112420106315	DHANUSH M	Dhanush
26	II	112420106316	DHANUSH VEL V	Dhanush vel V
27	II	112420106317	DHARANIDHARAN V	Dharanidharan
28	II	112420106318	DIVAKAR R	Divakar
29	II	112420106319	GANESAN M	Ganesan
30	II	112420106320	HARESH D	Hareesh D
31	II	112420106321	HARIBABU M	Haribabu
32	II	112420106322	HARIHARAN K L	Hariharankl
33	II	112420106323	HARI HARAN S	Hariharans
34	II	112420106324	HARIKARAN A	Harikaran A
35	II	112420106325	JAYAKANTHAN K	Jayakanthan
36	II	112420106326	JAYAKUMAR T	Jayakumar
37	II	112420106327	KAVIN V	Kavin
38	II	112420106328	KEERTHANAD	Keerthana



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S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	SIGNATURE
39	II	112420106329	KUMAR B	Kumar B
40	II	112420106330	LAKSHMIPRIYA A S	Lakshmi -
41	II	112420106331	MAGESH A	Magesh -
42	II	112420106332	MAGESH M	Magesh M
43	II	112420106333	MANIKANDAN J	Manikandan
44	II	112420106334	MOHAN G	Mohan
45	II	112420106335	MOREISHWAR J	Moreishwar J
46	II	112420106336	NAVEEN KUMAR G	Naveen Kumar
47	II	112420106337	NAVEEN KUMAR G N	Naveen Kumar G N
48	II	112420106338	NEELAKANDAN K	Neelakandan
49	II	112420106340	PARTHASARATHY J	Parthasarathy
50	II	112420106341	PARTHIBAN D	Parthiban
51	II	112420106342	PRABU V	Prabu V
52	II	112420106343	PRAVEEN KUMAR J	Praveen
53	II	112420106344	PRAVEEN KUMAR M	Praveen Kumar
54	II	112420106346	RAHUL R M	Rahul
55	II	112420106347	RAJASEKAR L	Rajasekar L
56	II	112420106348	RAJENDRAN S	Rajendra
57	II	112420106349	RAJENDRA PRASAD D	Rajendra Prasad
58	II	112420106350	RAVICHANDRAN R	Ravi
59	II	112420106351	RAVIKUMAR R	Ravikumar R
60	II	112420106352	ROHITH M	Rohith M
61		112420106353	RUTHRAN C	Ruthran C
62		112420106354	SAMI VELS S	Sami Vels S



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S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	SIGNATURE
63	II	112420106356	SANDHIYA S	<i>Sandhya</i>
64	II	112420106358	SANJAY S	<i>Sanjay S</i>
65	II	112420106359	SARAN Y	<i>Saran</i>
66	II	112420106360	SARATHKUMAR A	<i>Sarathkumar</i>
67	II	112420106361	SARAVANAN V	<i>Saravanan.V</i>
68	II	112420106362	SATHISHKUMAR R	<i>Sathishkumar</i>
69	II	112420106363	SELVA KUMAR M	<i>Selva</i>
70	II	112420106365	SHALINI U	<i>Shalini.U</i>
71	II	112420106366	SIVAKANTHAN M	<i>Siva</i>
72	II	112420106368	SUBASH M	<i>Subash.M</i>
73	II	112420106371	SURIYAMOORTHY N	<i>Surya</i>
74	II	112420106372	SURYA K	<i>Surya</i>
75	II	112420106373	TAMIL SELVAN P	<i>Tamil Selvan P</i>
76	II	112420106374	THENMOZHI K	<i>Thenmozhi</i>
77	II	112420106375	VARADHARAJ S	<i>Varadha</i>
78	II	112420106377	VASANTHAKUMAR S	<i>Vasanthakumar</i>
79	II	112420106378	VASANTHKUMAR A	<i>Vasan</i>
80	II	112420106379	VENKATESAN A	<i>Venkatesan</i>
81	II	112420106380	VIJAY J	<i>Vijay J</i>
82	II	112420106381	VINITH P	<i>Vinith</i>
83	II	112420106382	VISHVA C	<i>Vishva</i>
84	II	112420106383	VISITHRA V	<i>VISITHRA</i>
85	II	112420106384	YUVARAJ M	<i>Yuvraj M</i>
86	II	112420106385	YUVARAJ V	<i>YUVARAJ V</i>



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S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	SIGNATURE
87	II	112420106386	ABDUL KAYYUM S	Abdul Kayyum
88	II	112420106387	SURESHBABU C	Suresh Babu
89	II	112420106388	SATHYA MURTHY K	Sathya Murthy K.
90	II	112420106389	UDHAYA KUMAR S	Udhaya Kumar S.
91	III	112419106001	ABISHIKTHA A	Abishiktha A.
92	III	112419106002	DHANUSH M	Dhanush M.
93	III	112419106003	DIVYA A	Divya A.
94	III	112419106005	ISSAC V	Issac V.
95	III	112419106006	JAYASURYA A	Jayasurya A.
96	III	112419106007	LOKESHWARI S	Lokeshwari S.
97	III	112419106008	MAGESH KUMAR E	Magesh Kumar E.
98	III	112419106009	MEGALA R	Megala R.
99	III	112419106010	NIVAS K	Nivas K.
100	III	112419106012	PRITHIVRAJ K	Prithivraj K.
101	III	112419106013	RAJKUMAR M	Rajkumar M.
102	III	112419106014	RAKESH S	Rakesh S.
103	III	112419106015	RATHIKA R	Rathika R.
104	III	112419106016	RITHIKSHA B	Rithiksha B.
105	III	112419106017	SARITHA S	Saritha S.
106	III	112419106018	SELVA KUMAR C G	Selva Kumar C G.
107	III	112419106019	SHALINI M	Shalini M.
108	III	112419106020	SOFIYA R	Sofiya R.
109	III	112419106021	SULOCHANA V	Sulochana V.
110	III	112419106022	SURYA I	Surya I.



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S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	SIGNATURE
111	III	112419106023	VASIGARAN S	Vasigaran S
112	III	112419106024	VEERASAMY R	Veerasamy R.
113	III	112419106025	VIJAY S	Vijay. S.
114	III	112419106301	C B MONISHANKARI	Monishankari
115	III	112419106303	HARIHARAN.V	Harisharan. V
116	III	112419106304	KARTHICK.S	Karthick. S.
117	III	112419106305	NIRANJAN.B	Niranjan. B.
118	III	112419106306	PRATHNASREE.S	Prathnasree. S.
119	III	112419106307	RAJESHKANNA.V	Rajeshkanna. V
120	III	112419106308	SARAVANAN.S	Saravanan. S.
121	III	112419106309	SHEEBHA.R	Sheeba. R.
122	III	112419106310	SURYA.C	Surya. C.
123	IV	112418106001	BABY SHAKILA M	Baby Shakila M.
124	IV	112418106002	BERSHIN MANO M M	Bershin Mano M.M.
125	IV	112418106003	BHARATH S	Bharath. S.
126	IV	112418106004	BHARATHKUMAR J	Bharathkumar J.
127	IV	112418106005	BHUVANA S	BHUVANA S
128	IV	112418106006	BHUVANESH B	Bhuvanesh B.
129	IV	112418106007	DEEPA M	Deepa M.
130	IV	112418106008	DEEPAK RAJ P	Deepak Raj P.
131	IV	112418106009	DINESH K	Dinesh K.
132	IV	112418106011	FRANCIS SAVIOR J	Francis Savior J.
133	IV	112418106012	GOKUL M	Gokul M.
134	IV	112418106013	HARISH R	Harish R.



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S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	SIGNATURE
135	IV	112418106014	JANARTHANAM P B	<i>[Signature]</i>
136	IV	112418106016	KAVIYA L	<i>[Signature]</i>
137	IV	112418106019	MOHAN J	<i>[Signature]</i>
138	IV	112418106020	MOHAN P	<i>[Signature]</i>
139	IV	112418106021	NARMATHA R	<i>[Signature]</i>
140	IV	112418106022	NIVETHA H	<i>[Signature]</i>
141	IV	112418106023	PREETHI N	<i>[Signature]</i>
142	IV	112418106024	PRIYA K	<i>[Signature]</i>
143	IV	112418106025	RAGAVENDRAN S	<i>[Signature]</i>
144	IV	112418106026	RAMYA S	<i>[Signature]</i>
145	IV	112418106028	SINDHU S	<i>[Signature]</i>
146	IV	112418106029	SNEHA V	<i>[Signature]</i>
147	IV	112418106030	SUGASHINI S	<i>[Signature]</i>
148	IV	112418106032	VIJAYALAKSHMI G	<i>[Signature]</i>
149	IV	112418106033	VISHWA V	<i>[Signature]</i>
150	IV	112418106301	BARATH E	<i>[Signature]</i>
151	IV	112418106302	LAKSHMANAN D	<i>[Signature]</i>
152	IV	112418106303	SERAN SACHIN G	<i>[Signature]</i>
153	ME-VLSI-I	112421419001	JANANI G	<i>[Signature]</i>
154	ME-VLSI-I	112421419002	KANIMOZHI J	<i>[Signature]</i>
155	ME-VLSI-I	112421419003	MALATHI M	<i>[Signature]</i>
156	ME-VLSI-I	112421419004	NARMATHA S	<i>[Signature]</i>
157	ME-VLSI-I	112421419005	PREETHA A	<i>[Signature]</i>
158	ME-VLSI-I	112421419006	PRIYADHARSHINI R	<i>[Signature]</i>
159	ME-VLSI-I	112421419007	PUNITHKUMAR M	<i>[Signature]</i>



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S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	SIGNATURE
160	ME-VLSI-I	112421419008	SANTHOSH KUMAR S	
161	ME-VLSI-I	112421419009	SARANYA R	
162	ME-VLSI-I	112421419010	SATHYARAJ R	
163	ME-VLSI-I	112421419011	SENTHAMIZH B T S	
164	ME-VLSI-I	112421419012	SONIYA G	
165	ME-VLSI-I	112421419013	SREE HARITHA R	
166	ME-VLSI-I	112421419014	SUBASRI R	
167	ME-VLSI-I	112421419015	SUMAN M	
168	ME-VLSI-I	112421419016	SUSMITHA R	
169	ME-VLSI-II	112421419017	VAIRAMUTHU G	
170	ME-VLSI-II	112420419001	ANUSHAYA DEVI K	
171	ME-VLSI-II	112420419002	ARUNTHADHI G	
172	ME-VLSI-II	112420419003	ATCHAYA DEVI	
173	ME-VLSI-II	112420419004	GEETHA D	
174	ME-VLSI-II	112420419005	HAZIFA SHAFREEN S	
175	ME-VLSI-II	112420419006	KALAIVANI S	
176	ME-VLSI-II	112420419007	MANIMEGALAI G	
177	ME-VLSI-II	112420419008	MUJEEBA AFREEN M	
178	ME-VLSI-II	112420419009	RAGOTHAMAN	
179	ME-VLSI-II	112420419010	SHARATHA	

Coordinator
(Mr. E. Murali)



HOD / ECE
(Mr. V. Rajeshkumar)

Principal
Sri Venkateswara College of
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Thirupachur



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21ECEVAC01 - APPLICATION OF ARDUINO IN HOME AUTOMATION SYSTEM

Course Code	21ECEVAC01
Name of the Course	APPLICATION OF ARDUINO IN HOME AUTOMATION SYSTEM
Duration of the Course	35 HOURS
Academic Year	2021-22
Period of the Course	09.08.2021-14.08.2021

ATTENDANCE

S.N O	YEA R	REGISTER NUMBER	NAMEOF STUDENTS	09.08.21		10.08.21		11.08.21		12.08.21		13.08.21		14.08.21		TOTAL HOURS (35)
				6 HOURS		6 HOURS		6 HOURS		6 HOURS		6 HOURS		5 HOURS		
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
1	II	112420106001	ARUT SELVI.J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
2	II	112420106002	DEEPIKA.S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
3	II	112420106003	ELAVARASI.A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
4	II	112420106004	ISWARYA.S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
5	II	112420106005	PARKAVI.J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
6	II	112420106006	POORNA CHANDRA.M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
7	II	112420106007	PRADEESH S R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
8	II	112420106008	PUNNIYAKODI.R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
9	II	112420106009	SATHIYA PRIYA K.S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
10	II	112420106010	TAMILARASI.M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
11	II	112420106011	THEJESHWAR B.B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
12	II	112420106301	AJITHKUMAR A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
13	II	112420106302	AJITHRAJ R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
14	II	112420106303	AKASH R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
15	II	112420106305	ARUN KUMAR A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35



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S.N O	YEA R	REGISTER NUMBER	NAME OF STUDENTS	09.08.21		10.08.21		11.08.21		12.08.21		13.08.21		14.08.21		TOTA HOUR (35)
				6 HOURS		6 HOURS		6 HOURS		6 HOURS		6 HOURS		5 HOURS		
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
16	II	112420106306	ARUN KUMAR R	A	A	A	A	A	A	A	A	A	A	A	A	35
17	II	112420106307	ASHOK KUMAR A	A	A	A	A	A	A	A	A	A	A	A	A	35
18	II	112420106308	BALAJI M	B	B	B	B	B	B	B	B	B	B	B	B	35
19	II	112420106309	BHARATHI M	B	B	B	B	B	B	B	B	B	B	B	B	35
20	II	112420106310	BOOMIRAJAN S	B	B	B	B	B	B	B	B	B	B	B	B	35
21	II	112420106311	CHENGUTTUVA M	C	C	C	C	C	C	C	C	C	C	C	C	35
22	II	112420106312	CHIRANJEEVI S	C	C	C	C	C	C	C	C	C	C	C	C	35
23	II	112420106313	DEEPAK J	D	D	D	D	D	D	D	D	D	D	D	D	35
24	II	112420106314	DHANACHEZHIYA N M	D	D	D	D	D	D	D	D	D	D	D	D	35
25	II	112420106315	DHANUSH M	D	D	D	D	D	D	D	D	D	D	D	D	35
26	II	112420106316	DHANUSH VEL V	D	D	D	D	D	D	D	D	D	D	D	D	35
27	II	112420106317	DHARANIDHARAN V	D	D	D	D	D	D	D	D	D	D	D	D	35
28	II	112420106318	DIVAKAR R	D	D	D	D	D	D	D	D	D	D	D	D	35
29	II	112420106319	GANESAN M	G	G	G	G	G	G	G	G	G	G	G	G	35
30	II	112420106320	HARESH D	H	H	H	H	H	H	H	H	H	H	H	H	35
31	II	112420106321	HARIBABU M	H	H	H	H	H	H	H	H	H	H	H	H	35
32	II	112420106322	HARIHARAN K L	H	H	H	H	H	H	H	H	H	H	H	H	35
33	II	112420106323	HARI HARAN S	H	H	H	H	H	H	H	H	H	H	H	H	35
34	II	112420106324	HARIKARAN A	H	H	H	H	H	H	H	H	H	H	H	H	35
35	II	112420106325	HARAYAKANTHAN K	H	H	H	H	H	H	H	H	H	H	H	H	35
36	II	112420106326	HARIKUMAR T	H	H	H	H	H	H	H	H	H	H	H	H	35



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				6 HOURS		6 HOURS		6 HOURS		6 HOURS		6 HOURS		5 HOURS		
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
37	II	112420106327	KAVIN V	K	K	K	K	K	K	K	K	K	K	K	K	35
38	II	112420106328	KEERTHANA D	K	K	K	K	K	K	K	K	K	K	K	K	35
39	II	112420106329	KUMAR B	K	K	K	K	K	K	K	K	K	K	K	K	35
40	II	112420106330	LAKSHMIPRIYA A S	L	L	L	L	L	L	L	L	L	L	L	L	35
41	II	112420106331	MAGESH A	M	M	M	M	M	M	M	M	M	M	M	M	35
42	II	112420106332	MAGESH M	M	M	M	M	M	M	M	M	M	M	M	M	35
43	II	112420106333	MANIKANDAN J	M	M	M	M	M	M	M	M	M	M	M	M	35
44	II	112420106334	MOHAN G	M	M	M	M	M	M	M	M	M	M	M	M	35
45	II	112420106335	MOREISHWAR J	M	M	M	M	M	M	M	M	M	M	M	M	35
46	II	112420106336	NAVEEN KUMAR G	N	N	N	N	N	N	N	N	N	N	N	N	35
47	II	112420106337	NAVEEN KUMAR G N	N	N	N	N	N	N	N	N	N	N	N	N	35
48	II	112420106338	NEELAKANDAN K	N	N	N	N	N	N	N	N	N	N	N	N	35
49	II	112420106340	PARTHASARATHY J	P	P	P	P	P	P	P	P	P	P	P	P	35
50	II	112420106341	PARTHIBAN D	P	P	P	P	P	P	P	P	P	P	P	P	35
51	II	112420106342	PRABU V	P	P	P	P	P	P	P	P	P	P	P	P	35
52	II	112420106343	PRAVEEN KUMAR J	P	P	P	P	P	P	P	P	P	P	P	P	35
53	II	112420106344	PRAVEEN KUMAR M	P	P	P	P	P	P	P	P	P	P	P	P	35
54	II	112420106346	RAHUL R M	R	R	R	R	R	R	R	R	R	R	R	R	35
55	II	112420106347	RAJASEKAR L	R	R	R	R	R	R	R	R	R	R	R	R	35
56	II	112420106348	RAJENDRAN S	R	R	R	R	R	R	R	R	R	R	R	R	35
57	II	112420106349	RAJENDRA PRAKASH D	R	R	R	R	R	R	R	R	R	R	R	R	35
58	II	112420106350	RAJACHANDRAN R	R	R	R	R	R	R	R	R	R	R	R	R	35



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				6 HOURS		6 HOURS		6 HOURS		6 HOURS		6 HOURS		5 HOURS		
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
59	II	112420106351	RAVIKUMAR R	P	P	P	P	P	P	P	P	P	P	P	P	35
60	II	112420106352	ROHITH M	P	P	P	P	P	P	P	P	P	P	P	P	35
61	II	112420106353	RUTHRAN C	P	P	P	P	P	P	P	P	P	P	P	P	35
62	II	112420106354	SAMIVEL S	P	P	P	P	P	P	P	P	P	P	P	P	35
63	II	112420106356	SANDHIYA S	P	P	P	P	P	P	P	P	P	P	P	P	35
64	II	112420106358	SANJAY S	P	P	P	P	P	P	P	P	P	P	P	P	35
65	II	112420106359	SARAN Y	P	P	P	P	P	P	P	P	P	P	P	P	35
66	II	112420106360	SARATHKUMAR A	P	P	P	P	P	P	P	P	P	P	P	P	35
67	II	112420106361	SARAVANAN V	P	P	P	P	P	P	P	P	P	P	P	P	35
68	II	112420106362	SATHISHKUMAR R	P	P	P	P	P	P	P	P	P	P	P	P	35
69	II	112420106363	SELVA KUMAR M	P	P	P	P	P	P	P	P	P	P	P	P	35
70	II	112420106365	SHALINI U	P	P	P	P	P	P	P	P	P	P	P	P	35
71	II	112420106366	SIVAKANTHAN M	P	P	P	P	P	P	P	P	P	P	P	P	35
72	II	112420106368	SUBASH M	P	P	P	P	P	P	P	P	P	P	P	P	35
73	II	112420106371	SURIYAMOORTHY N	P	P	P	P	P	P	P	P	P	P	P	P	35
74	II	112420106372	SURYA K	P	P	P	P	P	P	P	P	P	P	P	P	35
75	II	112420106373	TAMIL SELVAN P	P	P	P	P	P	P	P	P	P	P	P	P	35
76	II	112420106374	THENMOZHI K	P	P	P	P	P	P	P	P	P	P	P	P	35
77	II	112420106375	VARADHARAJ S	P	P	P	P	P	P	P	P	P	P	P	P	35
78	II	112420106378	VASANTHAKUMA	P	P	P	P	P	P	P	P	P	P	P	P	35
79	II	112420106378	VASANTHAKUMAR	P	P	P	P	P	P	P	P	P	P	P	P	35



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				6 HOURS		6 HOURS		6 HOURS		6 HOURS		6 HOURS		5 HOURS		
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
80	II	112420106379	VENKATESAN A	Vn	Vn	Vn	Vn	Vn	Vn	Vn	Vn	Vn	Vn	Vn	35	
81	II	112420106380	VIJAY J	Vj	Vj	Vj	Vj	Vj	Vj	Vj	Vj	Vj	Vj	Vj	35	
82	II	112420106381	VINITH P	Vn	Vn	Vn	Vn	Vn	Vn	Vn	Vn	Vn	Vn	Vn	35	
83	II	112420106382	VISHVA C	Vh	Vh	Vh	Vh	Vh	Vh	Vh	Vh	Vh	Vh	Vh	35	
84	II	112420106383	VISITHRA V	Vv	Vv	Vv	Vv	Vv	Vv	Vv	Vv	Vv	Vv	Vv	35	
85	II	112420106384	YUVARAJ M	Ym	Ym	Ym	Ym	Ym	Ym	Ym	Ym	Ym	Ym	Ym	35	
86	II	112420106385	YUVARAJ V	Yv	Yv	Yv	Yv	Yv	Yv	Yv	Yv	Yv	Yv	Yv	35	
87	II	112420106386	ABDUL KAYYUM S	Ys	Ys	Ys	Ys	Ys	Ys	Ys	Ys	Ys	Ys	Ys	35	
88	II	112420106387	SURESHBABU C	Sc	Sc	Sc	Sc	Sc	Sc	Sc	Sc	Sc	Sc	Sc	35	
89	II	112420106388	SATHYA MURTHY K	Sm	Sm	Sm	Sm	Sm	Sm	Sm	Sm	Sm	Sm	Sm	35	
90	II	112420106389	UDHAYA KUMAR S	Us	Us	Us	Us	Us	Us	Us	Us	Us	Us	Us	35	
91	III	112419106001	ABISHIKTHA A	Aa	Aa	Aa	Aa	Aa	Aa	Aa	Aa	Aa	Aa	Aa	35	
92	III	112419106002	DHANUSH M	Dm	Dm	Dm	Dm	Dm	Dm	Dm	Dm	Dm	Dm	Dm	35	
93	III	112419106003	DIVYA A	Da	Da	Da	Da	Da	Da	Da	Da	Da	Da	Da	35	
94	III	112419106005	ISSAC V	Iv	Iv	Iv	Iv	Iv	Iv	Iv	Iv	Iv	Iv	Iv	35	
95	III	112419106006	JAYASURYA A	Ja	Ja	Ja	Ja	Ja	Ja	Ja	Ja	Ja	Ja	Ja	35	
96	III	112419106007	LOKESHWARI S	Ls	Ls	Ls	Ls	Ls	Ls	Ls	Ls	Ls	Ls	Ls	35	
97	III	112419106008	MAGESH KUMAR E	Me	Me	Me	Me	Me	Me	Me	Me	Me	Me	Me	35	
98	III	112419106009	MEGALA R	Mr	Mr	Mr	Mr	Mr	Mr	Mr	Mr	Mr	Mr	Mr	35	
99	III	112419106010	PRITHVIRAJ K	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	35	
100	III	112419106011	PRITHVIRAJ K	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	35	



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				6 HOURS		6 HOURS		6 HOURS		6 HOURS		6 HOURS		5 HOURS		
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
101	III	112419106013	RAJKUMAR M	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	35
102	III	112419106014	RAKESH S	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	35
103	III	112419106015	RATHIKA R	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	35
104	III	112419106016	RITHIKSHA B	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	35
105	III	112419106017	SARITHA S	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	35
106	III	112419106018	SELVA KUMAR C G	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	35
107	III	112419106019	SHALINI M	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	35
108	III	112419106020	SOFIYA R	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	35
109	III	112419106021	SULOCHANA V	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	35
110	III	112419106022	SURYA I	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	35
111	III	112419106023	VASIGARAN S	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	35
112	III	112419106024	VEERASAMY R	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	35
113	III	112419106025	VIJAY S	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	35
114	III	112419106301	C B MONISHANKARI	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	35
115	III	112419106303	HARIHARAN.V	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	35
116	III	112419106304	KARTHICK.S	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	35
117	III	112419106305	NIRANJAN.B	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	35
118	III	112419106306	PRATHNASREE.S	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	35
119	III	112419106307	RAJESHKANNA.V	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	35
120	III	112419106308	SARAVANAN.S	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	35
121	III	112419106309		Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	35



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				6 HOURS		6 HOURS		6 HOURS		6 HOURS		6 HOURS		5 HOURS		
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
122	III	112419106310	SURYA.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
123	IV	112418106001	BABY SHAKILA M	B	B	B	B	B	B	B	B	B	B	B	B	35
124	IV	112418106002	BERSHIN MANO M M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
125	IV	112418106003	BHARATH S	B	B	B	B	B	B	B	B	B	B	B	B	35
126	IV	112418106004	BHARATHKUMAR J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
127	IV	112418106005	BHUVANA S	B	B	B	B	B	B	B	B	B	B	B	B	35
128	IV	112418106006	BHUVANESH B	B	B	B	B	B	B	B	B	B	B	B	B	35
129	IV	112418106007	DEEPA M	D	D	D	D	D	D	D	D	D	D	D	D	35
130	IV	112418106008	DEEPAK RAJ P	P	P	P	P	P	P	P	P	P	P	P	P	35
131	IV	112418106009	DINESH K	D	D	D	D	D	D	D	D	D	D	D	D	35
132	IV	112418106011	FRANCIS SAVIOR J	F	F	F	F	F	F	F	F	F	F	F	F	35
133	IV	112418106012	GOKUL M	G	G	G	G	G	G	G	G	G	G	G	G	35
134	IV	112418106013	HARISH R	H	H	H	H	H	H	H	H	H	H	H	H	35
135	IV	112418106014	JANARTHANAM P B	J	J	J	J	J	J	J	J	J	J	J	J	35
136	IV	112418106016	KAVIYA L	K	K	K	K	K	K	K	K	K	K	K	K	35
137	IV	112418106019	MOHAN J	M	M	M	M	M	M	M	M	M	M	M	M	35
138	IV	112418106020	MOHAN P	M	M	M	M	M	M	M	M	M	M	M	M	35
139	IV	112418106021	NARMATHA R	N	N	N	N	N	N	N	N	N	N	N	N	35
140	IV	112418106022	NIVETHA H	N	N	N	N	N	N	N	N	N	N	N	N	35
141	IV	112418106023	PREETHI N	P	P	P	P	P	P	P	P	P	P	P	P	35
142	IV	112418106024	PREETHI N	P	P	P	P	P	P	P	P	P	P	P	P	35



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				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
143	IV	112418106025	RAGAVENDRAN S	P	P	P	P	P	P	P	P	P	P	P	35	
144	IV	112418106026	RAMYA S	P	P	P	P	P	P	P	P	P	P	P	35	
145	IV	112418106028	SINDHU S	P	P	P	P	P	P	P	P	P	P	P	35	
146	IV	112418106029	SNEHA V	P	P	P	P	P	P	P	P	P	P	P	35	
147	IV	112418106030	SUGASHINI S	P	P	P	P	P	P	P	P	P	P	P	35	
148	IV	112418106032	VIJAYALAKSHMI G	P	P	P	P	P	P	P	P	P	P	P	35	
149	IV	112418106033	VISHWA V	P	P	P	P	P	P	P	P	P	P	P	35	
150	IV	112418106301	BARATHE	P	P	P	P	P	P	P	P	P	P	P	35	
151	IV	112418106302	LAKSHMANAN D	P	P	P	P	P	P	P	P	P	P	P	35	
152	IV	112418106303	SERAN SACHIN G	P	P	P	P	P	P	P	P	P	P	P	35	
153	ME-VLSI-I	112421419001	JANANI G	P	P	P	P	P	P	P	P	P	P	P	35	
154	ME-VLSI-I	112421419002	KANIMOZHI J	P	P	P	P	P	P	P	P	P	P	P	35	
155	ME-VLSI-I	112421419003	MALATHI M	P	P	P	P	P	P	P	P	P	P	P	35	
156	ME-VLSI-I	112421419004	NARMATHA S	P	P	P	P	P	P	P	P	P	P	P	35	
157	ME-VLSI-I	112421419005	PREETHA A	P	P	P	P	P	P	P	P	P	P	P	35	
158	ME-VLSI-I	112421419006	PRIYADHARSHINI R	P	P	P	P	P	P	P	P	P	P	P	35	
159	ME-VLSI-I	112421419007	POOVANOMAR M	P	P	P	P	P	P	P	P	P	P	P	35	



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				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
160	ME-VLSI-I	112421419008	SANTHOSH KUMAR S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
161	ME-VLSI-I	112421419009	SARANYA R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
162	ME-VLSI-I	112421419010	SATHYARAJ R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
163	ME-VLSI-I	112421419011	SENTHAMIZH B T S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
164	ME-VLSI-I	112421419012	SONIYA G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
165	ME-VLSI-I	112421419013	SREE HARITHA R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
166	ME-VLSI-I	112421419014	SUBASRI R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
167	ME-VLSI-I	112421419015	SUMAN M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
168	ME-VLSI-I	112421419016	SUSMITHA R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
169	ME-VLSI-II	112421419017	VAIRAMUTHU G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
170	ME-VLSI-II	112420419001	ANUSHAYA DEVI K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
171	ME-VLSI-II	112420419002	ARUNTHADHI G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
172	ME-VLSI-II	112420419003	ATCHAYA DEVI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35
173	ME-VLSI-II	112420419004	GEETHA D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	35



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				6 HOURS		6 HOURS		6 HOURS		6 HOURS		6 HOURS		5 HOURS		
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
174	ME- VLSI- II	112420419005	HAZIFA SHAFREEN S	HAZIFA	HAZIFA	HAZIFA	HAZIFA	HAZIFA	HAZIFA	HAZIFA	HAZIFA	HAZIFA	HAZIFA	HAZIFA	HAZIFA	35
175	ME- VLSI- II	112420419006	KALAIVANI S	KALAI	KALAI	KALAI	KALAI	KALAI	KALAI	KALAI	KALAI	KALAI	KALAI	KALAI	KALAI	35
176	ME- VLSI- II	112420419007	MANIMEGALAI G	MANI	MANI	MANI	MANI	MANI	MANI	MANI	MANI	MANI	MANI	MANI	MANI	35
177	ME- VLSI- II	112420419008	MUJEEBA AFREEN M	MUJEE	MUJEE	MUJEE	MUJEE	MUJEE	MUJEE	MUJEE	MUJEE	MUJEE	MUJEE	MUJEE	MUJEE	35
178	ME- VLSI- II	112420419009	RAGOTHAMAN	RAGO	RAGO	RAGO	RAGO	RAGO	RAGO	RAGO	RAGO	RAGO	RAGO	RAGO	RAGO	35
179	ME- VLSI- II	112420419010	SHARATHA	SHAR	SHAR	SHAR	SHAR	SHAR	SHAR	SHAR	SHAR	SHAR	SHAR	SHAR	SHAR	35

E. Murali
COORDINATOR
(Mr. E. Murali)



V. Rajesh Kumar
HOD / ECE
(Mr. V. Rajeshkumar)

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21ECEVAC01 - APPLICATION OF ARDUINO IN HOME AUTOMATION SYSTEM

TEST QUESTIONS

1. What is Arduino?
 - a) Programming language
 - b) Image editing software
 - c) Open-source electronics platform**
 - d) Text editor
2. How many types of Arduino do we have?
 - a) 4
 - b) 8**
 - c) 12
 - d) 16
3. What language is a typical Arduino code based on?
 - a) Assembly Code
 - b) Python
 - c) Java
 - d) C/C++**
4. How many analog pins are used in Arduino Mega board?
 - a) 12
 - b) 16**
 - c) 8
 - d) 14
5. Arduino IDE consists of 2 functions. What are they?
 - a) Loop() and build() and setup()
 - b) Build() and loop() c) Setup() and build()
 - d) Setup() and loop()**
6. Arduino Codes are referred to as.....in the Arduino IDE.
 - a) sketches**
 - b) drawings
 - c) links
 - d) notes
7. What is the default bootloader of the Arduino UNO?
 - a) AIR-boot
 - b) GAG
 - c) Optibootbootloader**
 - d) Bare box
8. What is the use of the Arduino.h header file?
 - a) It enables the programmer to access all of Arduino's core functionality**
 - b) It doesn't have any use and can be omitted at any point of time in the code
 - c) It gives root access to the microcontroller's file system
 - d) It allows on the use of libraries for the Arduino code
9. What is the use of the GND pin present on some Arduino Boards?
 - a) To ground the Arduino Board




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- b) To power the Arduino Board
c) To provide a 5V output
d) Is used for plugging in 3V supply
10. What is the correct execution process of an Arduino code?
a) **Editor->Preprocessor->Compiler**
b) Preprocessor->Editor->Compiler
c) Compiler->Preprocessor->Editor
d) Editor->Compiler->Preprocessor
11. What is the microcontroller used in Arduino UNO?
a) ATmega32114
b) AT91SAM3x8E
c) ATmega2560
d) **ATmega328p**
12. Which board is the first to use a microcontroller within the build USB?
a) RedBoard
b) **Leonardo**
c) LilyPad
d) UNO
13. Which Arduino Board contains an onboard joystick?
a) Arduino Nano
b) Arduino UNO
c) **Arduino Esplora**
d) Arduino Due
14. What is the function of the IOREF pin on the Arduino UNO?
a) To take input voltage and set it as a reference for all GPIO operations
b) To provide a constant 12V DC supply
c) To provide ground
d) **To provide the voltage corresponding to the standard GPIO working voltage of the board**
15. Which software is used to upload the Arduino Sketches to the board?
a) avrgcc
b) g++
c) cpython for windows
d) **avrdude**
16. What is the use for the 2 serial pins on the Arduino Diecimila?
a) To send PWM signals
b) **To send and receive Serial TTL signals**
c) To send and receive GPIO digital signals
d) To receive analog signals
17. What is the operating voltage of Atmega328?
a) 1.9V to 5V
b) **1.8V to 5.5V**
c) 1.4V to 5V
d) 12V to 9V




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18. Is the Arduino code an Object-Oriented programming language or a Procedural programming language?
- a) The Arduino Code follows the Top-Down Procedural ideology
 - b) The Arduino Code follows a custom Procedural Ideology
 - c) The Arduino Code follows the Object-Oriented ideology**
 - d) The Arduino Code follows the Bottom-Up Procedural ideology
19. What is the difference between an IDE and a compiler?
- a) The compiler executes the code while the IDE gives a graphical environment for writing the code**
 - b) The compiler links the code to the respective files and the IDE takes it from there
 - c) The compiler and the IDE are the same thing
 - d) The IDE executes the code while the compiler gives a graphical environment for writing the code
20. Where does the Arduino IDE search if it needs to find out the Name of a type of Arduino Board?
- a) Arduino.h
 - b) build.txt
 - c) boards.txt**
 - d) build.core


COORDINATOR
(Mr. E. Murali)




HOD / ECE
(Mr. V. Rajeshkumar)


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21ECEVAC01 - APPLICATION OF ARDUINO IN HOME AUTOMATION SYSTEM

FEEDBACK FORM

Student Reg. No. & Name: 112420106309 & M. Bharathi
Sem & Year: 03 & II

Date: 14/08/2021

Evaluating the following Question

1. This course was interesting

a) Strongly Agree b) Agree c) Moderate d) Disagree e) Strongly Disagree

2. Was this course useful?

a) Strongly Agree b) Agree c) Moderate d) Disagree e) Strongly Disagree

3. During the course did you find any technical Difficulties?

a) Strongly Agree b) Agree c) Moderate d) Disagree e) Strongly Disagree

4. did the instructor delivered the information, you didn't know already

a) Strongly Agree b) Agree c) Moderate d) Disagree e) Strongly Disagree

5. The Subject matter was presented effectively

a) Strongly Agree b) Agree c) Moderate d) Disagree e) Strongly Disagree

6. This instructor helped me learn about how the course works in the real world.

a) Strongly Agree b) Agree c) Moderate d) Disagree e) Strongly Disagree

7. This instructor provided information I can use to be successful in my career.

a) Strongly Agree b) Agree c) Moderate d) Disagree e) Strongly Disagree

8. Overall how do you rate the Training Program?

a) Strongly Agree b) Agree c) Moderate d) Disagree e) Strongly Disagree




Student Signature

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21ECEVAC01 - APPLICATION OF ARDUINO IN HOME AUTOMATION SYSTEM

TEST QUESTION

Student Reg. No. & Name: 11A420106305 & Aruna Kumar A
Sem & Year: 3rd & II year

Date: 14.08.2021

1. What is Arduino?

- a) Programming language
- b) Image editing software
- c) Open-source electronics platform
- d) Text editor



18

20

2. How many types of Arduino do we have?

- a) 4
- b) 8
- c) 12
- d) 16



3. What language is a typical Arduino code based on?

- a) Assembly Code
- b) Python
- c) Java
- d) C/C++



4. How many analog pins are used in Arduino Mega board?

- a) 12
- b) 16
- c) 8



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d) 14

5. Arduino IDE consists of 2 functions. What are they?

- a) Loop() and build() and setup()
- b) Build() and loop() c) Setup() and build()
- d) Setup() and loop()

6. Arduino Codes are referred to as.....in the Arduino IDE.

- a) sketches
- b) drawings
- c) links
- d) notes

7. What is the default bootloader of the Arduino UNO?

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8. What is the use of the Arduino.h header file?

- a) It enables the programmer to access all of Arduino's core functionality
- b) It doesn't have any use and can be omitted at any point of time in the code
- c) It gives root access to the microcontroller's file system
- d) It allows on create libraries for the Arduino code

9. What is the use of the Vin pin present on some Arduino Boards?

- a) To ground the Arduino Board
- b) To power the Arduino Board
- c) To provide a 5V output

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d) Is used for plugging in 3V supply

10. What is the correct execution process of an Arduino code?

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c) Compiler->Preprocessor->Editor

d) Editor->Compiler->Preprocessor

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a) ATmega32114

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14. What is the function of the IOREF pin on the Arduino UNO?

a) To take input voltage and set it as a reference for all GPIO operations

b) To provide a constant 12V DC supply


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- c) To provide ground
- d) To provide the voltage corresponding to the standard GPIO working voltage of the board

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- b) g++
- c) cpython for windows
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- c) To send and receive GPIO digital signals
- d) To receive analog signals

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- a) 1.9V to 5V
- b) 1.8V to 5.5V
- c) 1.1V to 5V
- d) 12V to 9V



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- c) The Arduino Code follows the Object-Oriented ideology
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19. What is the difference between an IDE and a compiler?


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- a) The compiler executes the code while the IDE gives a graphical environment for writing the code
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21ECEVAC01 - APPLICATION OF ARDUINO IN HOME AUTOMATION SYSTEM

Course Code	21ECEVAC01
Name of the Course	APPLICATION OF ARDUINO IN HOME AUTOMATION SYSTEM
Duration of the Course	35 HOURS
Academic Year	2021-22
Period of the Course	09.08.2021-14.08.2021

STUDENT EVALUATION SHEET

S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	ATTENTANCE	MARKS
1	II	112420106001	ARUT SELVI.J	35	90
2	II	112420106002	DEEPIKA.S	35	90
3	II	112420106003	ELAVARASI.A	35	90
4	II	112420106004	ISWARYA.S	35	95
5	II	112420106005	PARKAVI.J	35	95
6	II	112420106006	POORNA CHANDRA.M	35	85
7	II	112420106007	PRADEESH S R	35	85
8	II	112420106008	PUNNIYAKODI.R	35	90
9	II	112420106009	SATHIYA PRIYA K.S	35	80
10	II	112420106010	TAMILARASI.M	35	80
11	II	112420106011	THEJESHWAR B.B	35	80
12	II	112420106301	AJITHKUMAR A	35	80
13	II	112420106302	AJITHRAJ R	35	80
		112420106303	AKASH R	35	80
		112420106305	ARUN KUMAR A	35	90



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S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	ATTENTANCE	MARKS
16	II	112420106306	ARUN KUMAR R	35	90
17	II	112420106307	ASHOK KUMAR A	35	90
18	II	112420106308	BALAJI M	35	90
19	II	112420106309	BHARATHI M	35	95
20	II	112420106310	BOOMIRAJAN S	35	80
21	II	112420106311	CHENGUTTUVAN M	35	80
22	II	112420106312	CHIRANJEEVI S	35	80
23	II	112420106313	DEEPAK J	35	80
24	II	112420106314	DHANACHEZHIAN M	35	80
25	II	112420106315	DHANUSH M	35	80
26	II	112420106316	DHANUSH VEL V	35	80
27	II	112420106317	DHARANIDHARAN V	35	85
28	II	112420106318	DIVAKAR R	35	85
29	II	112420106319	GANESAN M	35	85
30	II	112420106320	HARESH D	35	85
31	II	112420106321	HARIBABU M	35	95
32	II	112420106322	HARIHARAN K L	35	95
33	II	112420106323	HARI HARAN S	35	95
34	II	112420106324	HARIKARAN A	35	95
35	II	112420106325	JAYAKANTHAN K	35	95
36	II	112420106326	JAYAKUMAR T	35	80
	II	112420106327	KAVIN V	35/1	80
	II	112420106328	KEERTHANA D	35	80



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S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	ATTENDANCE	MARKS
39	II	112420106329	KUMAR B	35	90
40	II	112420106330	LAKSHMIPRIYA A S	35	90
41	II	112420106331	MAGESH A	35	90
42	II	112420106332	MAGESH M	35	90
43	II	112420106333	MANIKANDAN J	35	80
44	II	112420106334	MOHAN G	35	80
45	II	112420106335	MOREISHWAR J	35	80
46	II	112420106336	NAVEEN KUMAR G	35	85
47	II	112420106337	NAVEEN KUMAR G N	35	85
48	II	112420106338	NEELAKANDAN K	35	85
49	II	112420106340	PARTHASARATHY J	35	85
50	II	112420106341	PARTHIBAN D	35	85
51	II	112420106342	PRABU V	35	85
52	II	112420106343	PRAVEEN KUMAR J	35	85
53	II	112420106344	PRAVEEN KUMAR M	35	90
54	II	112420106346	RAHUL R M	35	90
55	II	112420106347	RAJASEKAR L	35	80
56	II	112420106348	RAJENDRAN S	35	80
57	II	112420106349	RAJENDRA PRASAD D	35	95
58	II	112420106350	RAVICHANDRAN R	35	95
59	II	112420106351	RAVIKUMAR R	35	95
60	II	112420106352	ROHITH M	35	95
61	II	112420106353	RUTHRAN C	35	95
62	II	112420106354	SAMIVEL S	35	95



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S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	ATTENTANCE	MARKS
63	II	112420106356	SANDHIYA S	35	80
64	II	112420106358	SANJAY S	35	80
65	II	112420106359	SARAN Y	35	80
66	II	112420106360	SARATHKUMAR A	35	80
67	II	112420106361	SARAVANAN V	35	80
68	II	112420106362	SATHISHKUMAR R	35	80
69	II	112420106363	SELVA KUMAR M	35	80
70	II	112420106365	SHALINI U	35	80
71	II	112420106366	SIVAKANTHAN M	35	80
72	II	112420106368	SUBASH M	35	95
73	II	112420106371	SURIYAMOORTHY N	35	95
74	II	112420106372	SURYA K	35	95
75	II	112420106373	TAMIL SELVAN P	35	90
76	II	112420106374	THENMOZHI K	35	90
77	II	112420106375	VARADHARAJ S	35	90
78	II	112420106377	VASANTHAKUMAR S	35	85
79	II	112420106378	VASANTHKUMAR A	35	85
80	II	112420106379	VENKATESAN A	35	85
81	II	112420106380	VIJAY J	35	85
82	II	112420106381	VINITH P	35	85
83	II	112420106382	VISHVA C	35	80
84	II	112420106383	VISITHRA V	35	80
85	II	112420106384	YUVARAJ M	35	80
86	II	112420106385	YUVARAJ V	35	80



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S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	ATTENTANCE	MARKS
87	II	112420106386	ABDUL KAYYUM S	35	95
88	II	112420106387	SURESHBABU C	35	95
89	II	112420106388	SATHYA MURTHY K	35	95
90	II	112420106389	UDHAYA KUMAR S	35	95
91	III	112419106001	ABISHIKTHA A	35	80
92	III	112419106002	DHANUSH M	35	80
93	III	112419106003	DIVYA A	35	80
94	III	112419106005	ISSAC V	35	80
95	III	112419106006	JAYASURYA A	35	80
96	III	112419106007	LOKESHWARI S	35	80
97	III	112419106008	MAGESH KUMAR E	35	90
98	III	112419106009	MEGALA R	35	90
99	III	112419106010	NIVAS K	35	85
100	III	112419106012	PRITHIVRAJ K	35	85
101	III	112419106013	RAJKUMAR M	35	85
102	III	112419106014	RAKESH S	35	80
103	III	112419106015	RATHIKA R	35	80
104	III	112419106016	RITHIKSHA B	35	85
105	III	112419106017	SARITHA S	35	85
106	III	112419106018	SELVA KUMAR C G	35	90
107	III	112419106019	SHALINI M	35	90
108	III	112419106020	SOFIYA R	35	90
109	III	112419106021	SULOCHANA V	35	90
110	III	112419106022	SURYA I	35	90



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S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	ATTENDANCE	MARKS
111	III	112419106023	VASIGARAN S	35	80
112	III	112419106024	VEERASAMY R	35	80
113	III	112419106025	VIJAY S	35	80
114	III	112419106301	C B MONISHANKARJ	35	90
115	III	112419106303	HARIHARAN.V	35	90
116	III	112419106304	KARTHICK.S	35	90
117	III	112419106305	NIRANJAN.B	35	90
118	III	112419106306	PRATHNASREE.S	35	90
119	III	112419106307	RAJESHKANNA.V	35	90
120	III	112419106308	SARAVANAN.S	35	90
121	III	112419106309	SHEEBHA.R	35	95
122	III	112419106310	SURYA.C	35	95
123	IV	112418106001	BABY SHAKILA M	35	80
124	IV	112418106002	BERSHIN MANO M M	35	80
125	IV	112418106003	BHARATH S	35	80
126	IV	112418106004	BHARATHKUMAR J	35	85
127	IV	112418106005	BHUVANA S	35	85
128	IV	112418106006	BHUVANESH B	35	85
129	IV	112418106007	DEEPA M	35	85
130	IV	112418106008	DEEPAK RAJ P	35	85
131	IV	112418106009	DINESH K	35	90
132	IV	112418106011	FRANCIS SAVIOR J	35	80
		112418106012	GOKUL M	35	80
		112418106013	HARISH R	35	80



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S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	ATTENTANCE	MARKS
135	IV	112418106014	JANARTHANAM P B	35	80
136	IV	112418106016	KAVIYA L	35	80
137	IV	112418106019	MOHAN J	35	80
138	IV	112418106020	MOHAN P	35	80
139	IV	112418106021	NARMATHA R	35	80
140	IV	112418106022	NIVETHA H	35	80
141	IV	112418106023	PREETHI N	35	80
142	IV	112418106024	PRIYA K	35	90
143	IV	112418106025	RAGAVENDRAN S	35	90
144	IV	112418106026	RAMYA S	35	90
145	IV	112418106028	SINDHU S	35	85
146	IV	112418106029	SNEHA V	35	80
147	IV	112418106030	SUGASHINI S	35	80
148	IV	112418106032	VIJAYALAKSHMI G	35	85
149	IV	112418106033	VISHWA V	35	85
150	IV	112418106301	BARATH E	35	85
151	IV	112418106302	LAKSHMANAN D	35	85
152	IV	112418106303	SERAN SACHIN G	35	85
153	ME-VLSI-I	112421419001	JANANI G	35	90
154	ME-VLSI-I	112421419002	KANIMOZHI J	35	90
155	ME-VLSI-I	112421419003	MALATHI M	35	90
156	ME-VLSI-I	112421419004	NARMATHA S	35	95
157	ME-VLSI-I	112421419005	PREETHA A	35	95
158	ME-VLSI-I	112421419006	PRIYADHARSHINI R	35	95



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S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	ATTENTANCE	MARKS
159	ME-VLSI-I	112421419007	PUNITHKUMAR M	35	80
160	ME-VLSI-I	112421419008	SANTHOSH KUMAR S	35	80
161	ME-VLSI-I	112421419009	SARANYA R	35	80
162	ME-VLSI-I	112421419010	SATHYARAJ R	35	95
163	ME-VLSI-I	112421419011	SENTHAMIZH B T S	35	95
164	ME-VLSI-I	112421419012	SONIYA G	35	95
165	ME-VLSI-I	112421419013	SREE HARITHA R	35	95
166	ME-VLSI-I	112421419014	SUBASRI R	35	80
167	ME-VLSI-I	112421419015	SUMAN M	35	80
168	ME-VLSI-I	112421419016	SUSMITHA R	35	80
169	ME-VLSI-II	112421419017	VAIRAMUTHU G	35	90
170	ME-VLSI-II	112420419001	ANUSHAYA DEVI K	35	90
171	ME-VLSI-II	112420419002	ARUNTHADHI G	35	95
172	ME-VLSI-II	112420419003	ATCHAYA DEVI	35	95
173	ME-VLSI-II	112420419004	GEETHA D	35	95
174	ME-VLSI-II	112420419005	HAZIFA SHAFREEN S	35	80
175	ME-VLSI-II	112420419006	KALAIVANI S	35	80
176	ME-VLSI-II	112420419007	MANIMEGALAI G	35	80
177	ME-VLSI-II	112420419008	MUJEEBA AFREEN M	35	80
178	ME-VLSI-II	112420419009	RAGOTHAMAN	35	80
179	ME-VLSI-II	112420419010	SHARATHA	35	80


COORDINATOR
(Mr. E. Murali)




HOD/ECE
(Mr. V. Rajeshkumar)
PRINCIPAL

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CERTIFICATE OF PARTICIPATION

This is to certify that **Mr/Ms** **(JEEETHA.D (1124204190014))**..... **UG/PG**
Department of Electronics and Communication Engineering has successfully
completed Value Added Course titled 'APPLICATION OF ARDUINO IN HOME
AUTOMATION SYSTEM' held from 09.08.2021 to 14.08.2021


CO-ORDINATOR




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This is to certify that Mr/Ms **SARANYA R (112421419009)**..... **UG/PG**
Department of Electronics and Communication Engineering has successfully
completed Value Added Course titled 'APPLICATION OF ARDUINO IN HOME
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Department of Electronics and Communication Engineering has successfully
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E. M. S.
CO-ORDINATOR



S. M. S.
HOD / ECE

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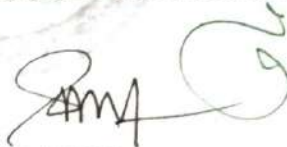
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This is to certify that Mr/~~Ms~~ **NIYAS K (112419106012)**..... UG/PG
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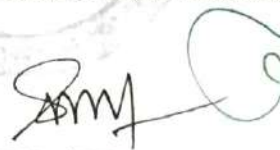
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This is to certify that Mr/Ms **KAVIN (11242010632-7)**..... UG/PG
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This is to certify that Mr/Ms **ISWARYA.S.(112420196004)**..... UG/PG
Department of Electronics and Communication Engineering has successfully
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