



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C.Nagar, K.Vellakulam - 625 701, (Near Virudhunagar), Madurai District.

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Details of Workshops/Seminars conducted on Intellectual Property Rights (IPR),
Research Methodology, Entrepreneurship and Skill Development

Sl.no	Name of the Workshop/ Seminar	Number of Participants	Date (From - To)
1	One day workshop on " Introduction to LabVIEW Programming "	28	24.02.2021
2	Three day Hands on training programme on " LabVIEW Core 1 & Core 2 with NI Hardware "	20	11.03.2021 - 13.03.2021
3	Online Workshop cum Contest on " Video Making 2.0 "	48	17.04.2021



DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

24.02.21

The Department of Electronics and Instrumentation Engineering conducted a one day workshop on "Introduction to LabVIEW Programming" for the final year students of Mechatronics Engineering on 24.02.21. 28 students participated in this workshop. The resource persons were internal faculty members of EIE department. The session was helpful for the students to learn about fundamentals of LabVIEW. The students had the hands on experience with data types and programming concepts of loops, structures, arrays, clusters and file I/O operations. This will help the students to do their Mini project / Curriculum Projects using LabVIEW.

L.M.S.
2
Co ordinators

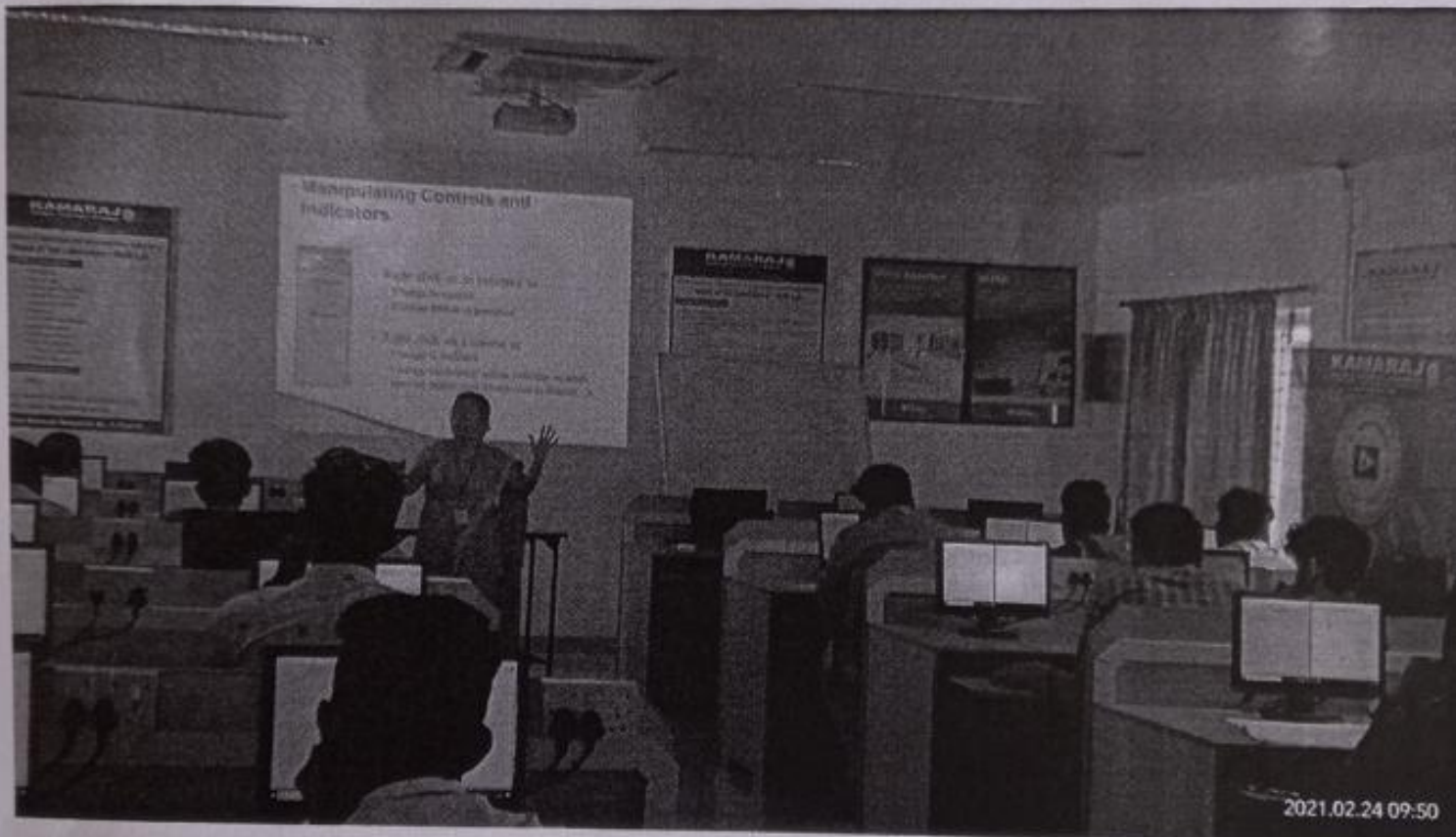
~~HoD/EIE~~

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Workshop : Introduction to LabVIEW Programming

Date : 24.02.2021

Resource Person : Internal faculty members of EIE department



1 M. J. J.
2 U. J.
Co ordinators


HoD/EIE

Re: Workshop on LABVIEW ---- Reg

HODEIE <hodeie@kamarajengg.edu.in>

Tue 2/23/2021 9:55 PM

To: HODMTR <hodmtr@kamarajengg.edu.in>

Cc: DEAN-ACADEMIC <deanac@kamarajengg.edu.in>; Dr.Anant Achary <principal@kamarajengg.edu.in>

Dear sir

ok sir. we have noted and planned to conduct one day workshop on LabVIEW for final year MTR students tomorrow.

Thanks and Regards,

Dr. S. Jeyadevi,
HoD/EIE

From: HODMTR <hodmtr@kamarajengg.edu.in>

Sent: Tuesday, February 23, 2021 3:45 PM

To: HODEIE

Cc: DEAN-ACADEMIC; Dr.Anant Achary

Subject: Workshop on LABVIEW ---- Reg

Dear Mam,

The list of III & IV Mechatronics students in the attachment are interested in doing their project work using LABVIEW. So, I request you to arrange one day workshop on " Introduction to LABVIEW " on 24.02.2021 for them.

Thank You

With warm regards,

Dr. K. Kannan, M.E., Ph.D.,

Associate Professor (Senior Scale) & Head,

Department of Mechatronics Engineering,

KAMARAJ College of Engineering and Technology (Autonomous),

K. Vellakulam -625701, Near Virudhunagar,

Madurai District.



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Department of Electronics and Instrumentation Engineering

Workshop: Introduction to LabVIEW Programming

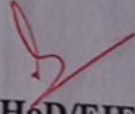
Schedule for the workshop

S.No	Date	Hour details	Name of the faculty	Topic details
1	24.02.2021	1,2	Mrs. L.V. Revathi Ms. S. Kavitha	Introduction to LabVIEW, Data types
2	24.02.2021	3,4	Mrs. J. Uma maheswari Mrs. R. Santhiya	For loop, While loop, Array
3	24.02.2021	5,6	Mr. A. Rajavel Mr. R. Rajprabu	Cluster, Case structure, Sequence Structure
4	24.02.2021	7	Mrs. M. Vigneswari	File I/O Operations

Participants- IV MTR students

Session Timing 09.00 a.m- 04.00 p.m

1 H.H.
2 W
Co ordinators


HOD/EIE

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING
One Day Workshop on "Introduction to LABVIEW" on 24-02-2021

Attendance Sheet

S.No.	Roll No	Reg.No	Name	IV YEAR						
				1,2 Hours	3,4 Hours	5,6 Hours	7th Hour			
1	17UMTR004	920417115015	DHANABALAN.K	K.D.A	K.D.A	← AB	→			
2	17UMTR005	920417115047	SIVAHARISH.N	N.A	N.A	N.A	N.A			
3	17UMTR007	920417115018	GANESAN M	M.G	M.G	M.G	M.G			
4	17UMTR009	920417115019	GIRIDHARI.S	S.G	S.G	S.G	S.G			
5	17UMTR013	920417115048	SUBASH.S	S.S	S.S	S.S	S.S			
6	17UMTR018	920417115034	PRABHA.G	A.P	A.P	A.P	A.P			
7	17UMTR020	920417115001	AAKASH.J	J.A	J.A	← AB	→			
8	17UMTR026	920417115014	DEV AJAY KUMAR.V.S	D.A	D.A	D.A	D.A			
9	17UMTR029	920417115030	MAREESWARAN.M	M	M	M	M			
10	17UMTR030	920417115049	SURYA PRAKASH.S	S.S	S.S	S.S	S.S			
11	17UMTR034	920417115051	VENGADESHPRABU.S	S.V	S.V	S.V	S.V			
12	17UMTR036	920417115025	KARTHICK RAJA.P	P.R	P.R	P.R	P.R			
13	17UMTR037	920417115003	AJAI.J	A.J	A.J	A.J	A.J			
14	17UMTR042	920417115042	SELVAKUMAR.S	S.S	S.S	S.S	S.S			
15	17UMTR043	920417115041	SARAVANAN.M	M.S	M.S	M.S	M.S			
16	17UMTR044	920417115037	SABARI.S	S.S	S.S	S.S	S.S			
17	17UMTR046	920417115046	SHERWIN SAM.S	S.S	S.S	S.S	S.S			
18	17UMTR048	920417115050	UBEN KARTHICK.R.G	U.K	U.K	U.K	U.K			

Department of Electronics and Instrumentation Engineering

"Introduction to LabVIEW Programming" on 24.02.2021

FEEDBACK FORM

1. How would you rate this Hands on training Programme?
a) Excellent b) Very Good c) Good
2. Your perception on content delivery of the resource persons?
a) Excellent b) Very Good c) Good
3. Did the resource persons attentively address and cleared the doubts and queries raised?
a) Yes b) No
4. Interactions of the resource persons with participants
a) Excellent b) Very Good c) Good
5. How far is this program helpful for you in the future? Please specify

Helpful till in the Engineering field.

6. Are you satisfied with the number of days this training being conducted?
a) Yes b) No
7. Would you recommend this training to your friends?
a) Yes b) No
8. Are you interested in appearing CLAD examination?
a) Yes b) No
9. Will you apply the knowledge gained from this programme for doing mini projects?
a) Yes b) No
10. Your general Suggestions for the enhancement of this program.

Conduct Multiple Training days

Department of Electronics and Instrumentation Engineering

"Introduction to LabVIEW Programming" on 24.02.2021

FEEDBACK FORM

1. How would you rate this Hands on training Programme?
a) Excellent b) Very Good c) Good
2. Your perception on content delivery of the resource persons?
a) Excellent b) Very Good c) Good
3. Did the resource persons attentively address and cleared the doubts and queries raised?
a) Yes b) No
4. Interactions of the resource persons with participants
a) Excellent b) Very Good c) Good
5. How far is this program helpful for you in the future? Please specify

It helps me in the field of Automation.

6. Are you satisfied with the number of days this training being conducted?
a) Yes b) No
7. Would you recommend this training to your friends?
a) Yes b) No
8. Are you interested in appearing CLAD examination?
a) Yes b) No
9. Will you apply the knowledge gained from this programme for doing mini projects?
a) Yes b) No
10. Your general Suggestions for the enhancement of this program.

The program was good & effective.

Department of Electronics and Instrumentation Engineering

"Introduction to LabVIEW Programming" on 24.02.2021

FEEDBACK FORM

1. How would you rate this Hands on training Programme?
a) Excellent b) Very Good c) Good
2. Your perception on content delivery of the resource persons?
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10. Your general Suggestions for the enhancement of this program.



Department of Electronics and Instrumentation Engineering

“Introduction to LabVIEW Programming” on 24.02.2021

FEEDBACK FORM

1. How would you rate this Hands on training Programme?
a) Excellent b) Very Good ~~c) Good~~
2. Your perception on content delivery of the resource persons?
a) Excellent b) Very Good ~~c) Good~~
3. Did the resource persons attentively address and cleared the doubts and queries raised?
~~a) Yes~~ b) No
4. Interactions of the resource persons with participants
a) Excellent ~~b) Very Good~~ c) Good
5. How far is this program helpful for you in the future? Please specify
6. Are you satisfied with the number of days this training being conducted?
a) Yes ~~b) No~~
7. Would you recommend this training to your friends?
a) Yes ~~b) No~~
8. Are you interested in appearing CLAD examination?
a) Yes ~~b) No~~
9. Will you apply the knowledge gained from this programme for doing mini projects?
a) Yes ~~b) No~~
10. Your general Suggestions for the enhancement of this program.



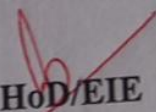
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DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

14.03.21

The Department of Electronics and Instrumentation Engineering conducted Hands on training on "LabVIEWCore1 &Core 2 with NI hardware" for the final year students of EIE, ECE and EEE from 11.03.21 to 13.03.21. 20 students participated in this workshop. The resource persons were internal faculty members of EIE department. The session was helpful for the students to learn about fundamentals of LabVIEW. The students had hands on experience with data types and programming concepts of loops, structures, arrays, clusters and file I/O operations. The students also worked with NI hardware for data acquisition and real time simple mini projects. This will help the students to do their Mini project / Curriculum Projects using LabVIEW.

1 M. J. H
2 U
Co ordinators


HoD/EIE

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Hands on training : LabVIEW Core 1 & Core 2 with NI hardware

Date : 11.03.21 to 13.03.21

Resource Person : Internal faculty members of EIE department



Chittoor, Tamil Nadu, India

Unnamed Road, Chittoor, Tamil Nadu 625701, India

Lat N 9° 40' 23.8116"

Long E 77° 57' 51.7248"

11/03/21 12:34 PM

1 M. Y. Y
2 H. Y.
Co ordinators


HoD/EIE

CIRCULAR

08.03.2021

The Department of Electronics and Instrumentation Engineering in association with NI LabVIEW Academy is organizing three day hands on training programme on "LabVIEW Core1 & Core 2 with NI Hardware" from 11.03.2021 to 13.03.2021 for IV EIE, EEE and ECE students. The following ECE students have shown interest to participate in this 3days training program. This program will help them for placement and project work.

S.NO	Dept	Year	Roll No	Name
1.	ECE	IV	17UECE001	S.Yazhini
2.	ECE	IV	17UECE021	P.Abinaya
3.	ECE	IV	17UECE024	C.Jeya Praveen
4.	ECE	IV	17UECE029	S.Surendran.
5.	ECE	IV	17UECE032	V.Dinesh Kumar
6.	ECE	IV	17UECE036	V.Santhoshan
7.	ECE	IV	17UECE037	M.Muthu subramaniam
8.	ECE	IV	17UECE043	R.Jenifer
9.	ECE	IV	17UECE052	B.Pon Bala Ganesh
10.	ECE	IV	17UECE072	T.D.P.Pooja sree
11.	ECE	IV	17UECE080	T.Poovitha
12.	ECE	IV	17UECE082	K.Vikraman
13.	ECE	IV	17UECE098	B.Ahamed hakeem
14.	ECE	IV	17UECE099	B.Akila
15.	ECE	IV	17UECE108	K.Maheswaran
16.	ECE	IV	17UECE115	M.Logeshwaran

R.S - Bar
9/3/2021
HoD/ECE



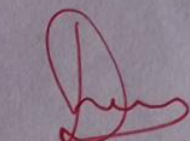
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S.NO	Dept	Year	Roll No	Name
1.	EEE	IV	17UEEE018	B.GuruViswa
2.	EEE	IV	17UEEE016	S. SulbikaShakin.
3.	EEE	IV	17UEEE103	A.Lakshmipriya
4.	EEE	IV	17UEEE026	P. Karthikeyan
5.	EEE	IV	17UEEE049	P. Naveen Kumar.
6.	EEE	IV	17UEEE082	T. Muthu Ganesh.
7.	EEE	IV	17UEEE079	S. Kabilan
8.	EEE	IV	17UEEE080	S. Dinakaran
9.	EEE	IV	17UEEE003	P.Yogeshwaran


HoD/EEE

CIRCULAR

08.03.2021

The Department of Electronics and Instrumentation Engineering in association with NI LabVIEW Academy is organizing three day hands on training programme on “LabVIEW Core1 & Core 2 with NI Hardware” from 11.03.2021 to 13.03.2021 for IV EIE, EEE and ECE students. The following EIE students have shown interest to participate in this 3days training program. This program will help them for placement and project work.

S.NO	Dept	Year	Roll No	Name
1.	EIE	IV	17UEIE011	M.SournaPriya
2.	EIE	IV	17UEIE015	P. GautamRangan
3.	EIE	IV	17UEIE021	R. Shiva Kumar
4.	EIE	IV	17UEIE026	K.Sankar
5.	EIE	IV	17UEIE015	P. GautamRangan

[Signature]
HoD/EIE
10/3/21

Department of Electronics and Instrumentation Engineering

Hands on training: LabVIEWCore1 &Core 2 with NI hardware

Schedule for the training programme

S.No	Date	Session	Topics	Staff Incharge
1.	11.03.2021 (Thursday)	I	LabVIEW programming principles and LabVIEW Environment introduction, Data Types (Numeric, Boolean)	M.Vigneswari, AP/EIE J.UmaMaheswari, AP/EIE
		II	Data Types (String), Arrays	A.Rajavel, AP/EIE S.Kavitha, AP/EIE
		III	For Loop, While Loop and Timing	J.UmaMaheswari, AP/EIE L.V.Revathi, AP/EIE(5,6)
2.	12.03.2021 (Friday)	I	Charts and Graphs	A.Rajavel, AP/EIE S.Kavitha, AP/EIE
		II	Clusters, Formula node, Mathscript	M.Vigneswari, AP/EIE L.V.Revathi, AP/EIE
		III	Sequence Structure and Case Structure	S.RameshPrabhu, AP/EIE R.RajPrabu, AP/EIE
3.	13.03.2021 (Saturday)	I	SubVI	R.Santhiya, AP/EIE S.Kavitha, AP/EIE
		II	File I/O Operations	M.Vigneswari, AP/EIE L.V.Revathi, AP/EIE
		III	DAQ, Mini projects with hardware	S.RameshPrabhu, AP/EIE R.Santhiya, AP/EIE

Participants- IV EIE, ECE, EEE students

Session Timing

Session-I -09.00 a.m- 10.40 a.m

Session-II -11.00 a.m- 12.40 p.m

Session-III -01.30 p.m- 04.00 p.m

1 M.77
2 up
Co ordinators

HoD/EIE

S.No	Dept.	Year	Roll No	Student Name	11/03/2021			12/03/2021			13/03/2021			
					I	II	III	I	II	III	I	II	III	
					17.	EEE	IV-A	17UEEE003	P. Yogeshwaran	P. Yogesh	P. Yogesh	P. Yogesh	P. Yogesh	P. Yogesh
18.	EEE	IV-B	17UEEE016	S. SulbikaShakin	S. Shy	S. Shy	S. Shy	S. Shy	S. Shy	S. Shy	S. Shy	S. Shy	S. Shy	S. Shy
19.	EIE	IV	17UEIE025	P. Alex Priyan	P. Alex	P. Alex	P. Alex	P. Alex	P. Alex	P. Alex	P. Alex	P. Alex	P. Alex	P. Alex
20.	EIE	IV	17UEIE028	S. Anatha Krishna Kumar	S. Anatha	S. Anatha	S. Anatha	S. Anatha	S. Anatha	S. Anatha	S. Anatha	S. Anatha	S. Anatha	S. Anatha
21.	ECE	IV	17VECE03	V. DIVESH KUMAR	V. Diva	V. Diva	V. Diva	V. Diva	V. Diva	V. Diva	V. Diva	V. Diva	V. Diva	V. Diva
22.	ECE	IV	17VECE080	T. Pravitha	T. Pravi	T. Pravi	T. Pravi	T. Pravi	T. Pravi	T. Pravi	T. Pravi	T. Pravi	T. Pravi	T. Pravi
23.														
24.														
25.														

Session Timing
 Session-I -09.00 a.m- 10.40 a.m
 Session-II -11.00 a.m- 12.40 p.m
 Session-III -01.30 p.m- 04.00 p.m

1. H. Y. Y
 2. M. P.
 Coordinators

HoD / EIE



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DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

INVITATION

We cordially invite you for the Inaugural function of

Three Days workshop on

***“Design and Simulation of Electronic Circuits using
Software Packages”***

(online mode)

25.03.2021 – 27-03.2021

Resource Person

Mr. R. SIVARAMAKRISHNAN

Engineer-Automation SMT
CTTI private Ltd, Chennai

Online Platform : MS-TEAMS APP

Time : 25.3.2021, 9.30 am

Link for joining the Inaugural Function: <https://tinyurl.com/Day1-session1>

R.Santhiya AP/EIE
Co-ordinator

Dr.S.Jeya Devi HoD/EIE
Convener



(Autonomous)
S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C. Nagar, **Virudhunagar.**

KAMARAJ/ AO /2020-21/ 1082

16/03/2021

CIRCULAR

Department of Electronics and Instrumentation Engineering is organizing a three days Workshop on "**Design and Simulation of Electronic Circuits using Software Packages**" for the Second, Third & Final Year Students from EIE, ECE, EEE & MTRE Department.

Date of the Program : 25/03/2021 to 27/03/2021

Registration Fee : Rs. 300/-

Interested students are requested to pay the registration fee of **Rs.300/-** at Tamilnadu Mercantile Bank Ltd, Extension Counter of our college and submit the fee paid challan to **Mrs.R.Santhiya, AP / EIE** on or before **22/03/2021**.

PRINCIPAL

Copy to:

1. Dean (Academics)
2. Dean (Examinations)
3. Dean (Research)
4. Superintendent /Administrative Office
5. HODs of EIE, ECE, EEE & MTRE
6. Circulated to all the EIE, ECE, EEE & MTRE Dept. Teaching Staff Members through their email ID
7. To be read in all II, III, IV year EIE, ECE, EEE & MTRE Dept. Class Rooms
8. Account Section
9. Student Section
10. EIE, ECE, EEE & MTRE Dept. Notice Board
11. Office Notice Board
12. File

Copy submitted to the Secretary / Treasurer

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Three days Workshop on

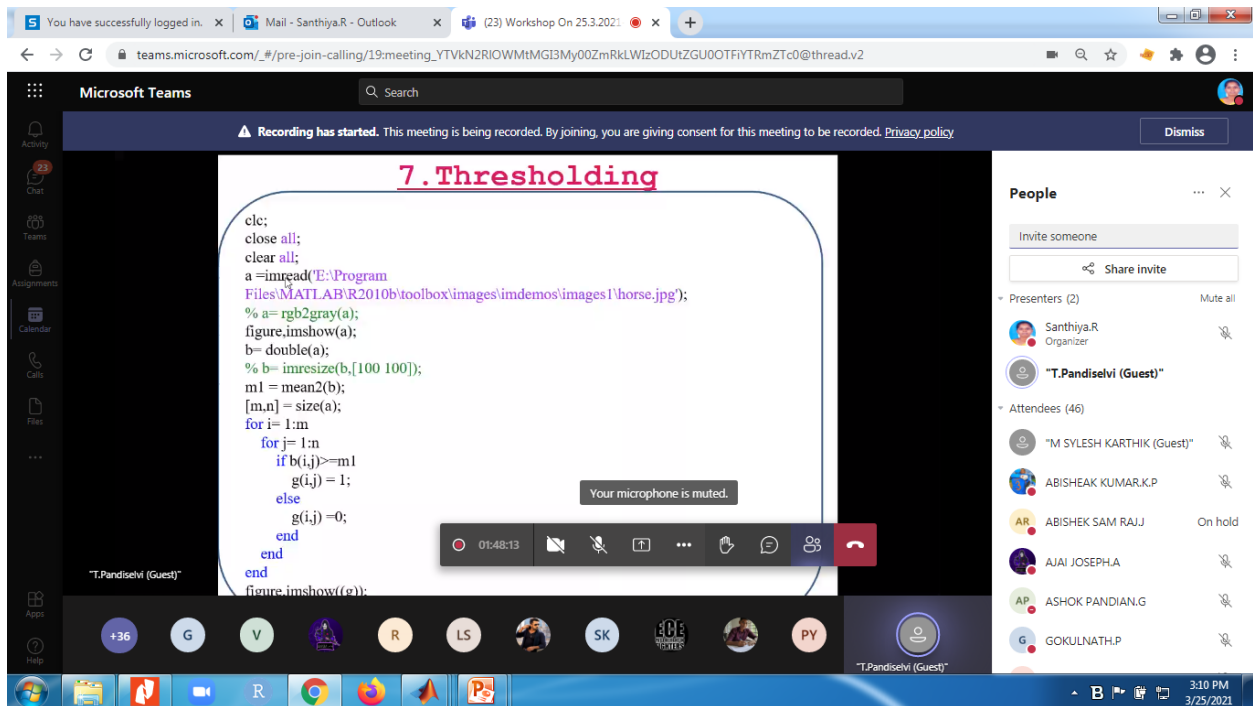
“Design and Simulation of Electronic Circuits using Software Packages”

AGENDA-(online mode-through MS Teams APP)

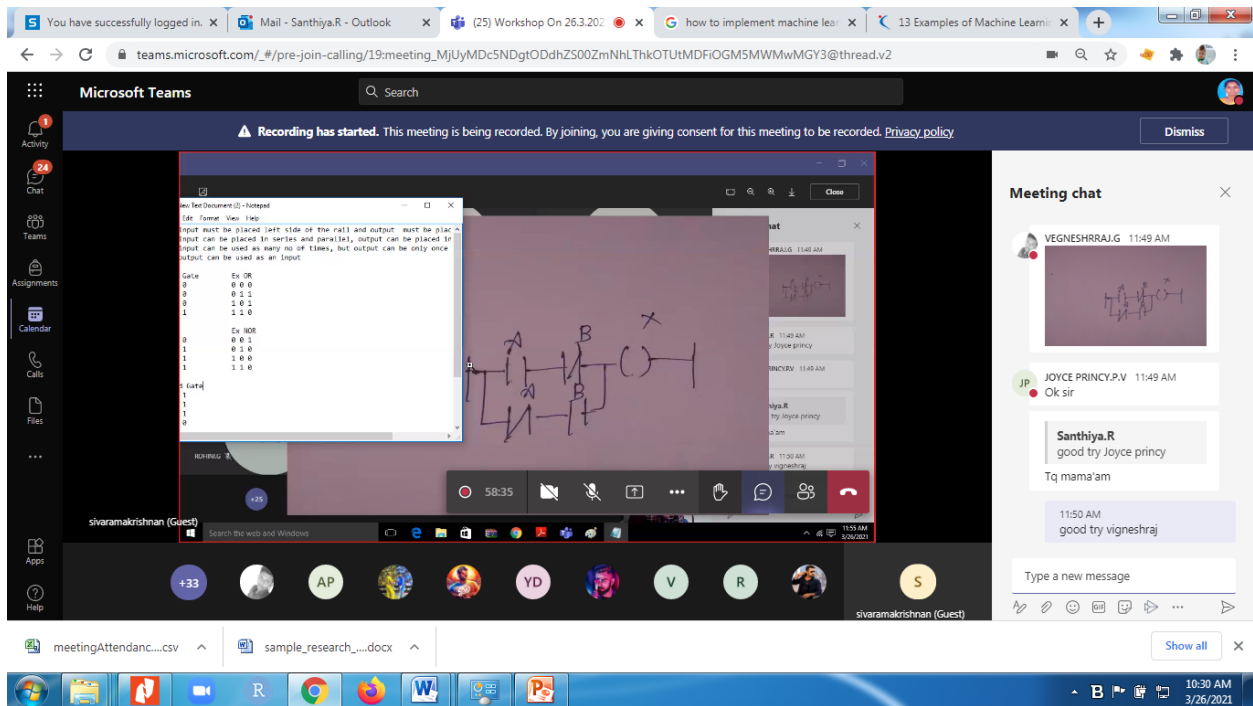
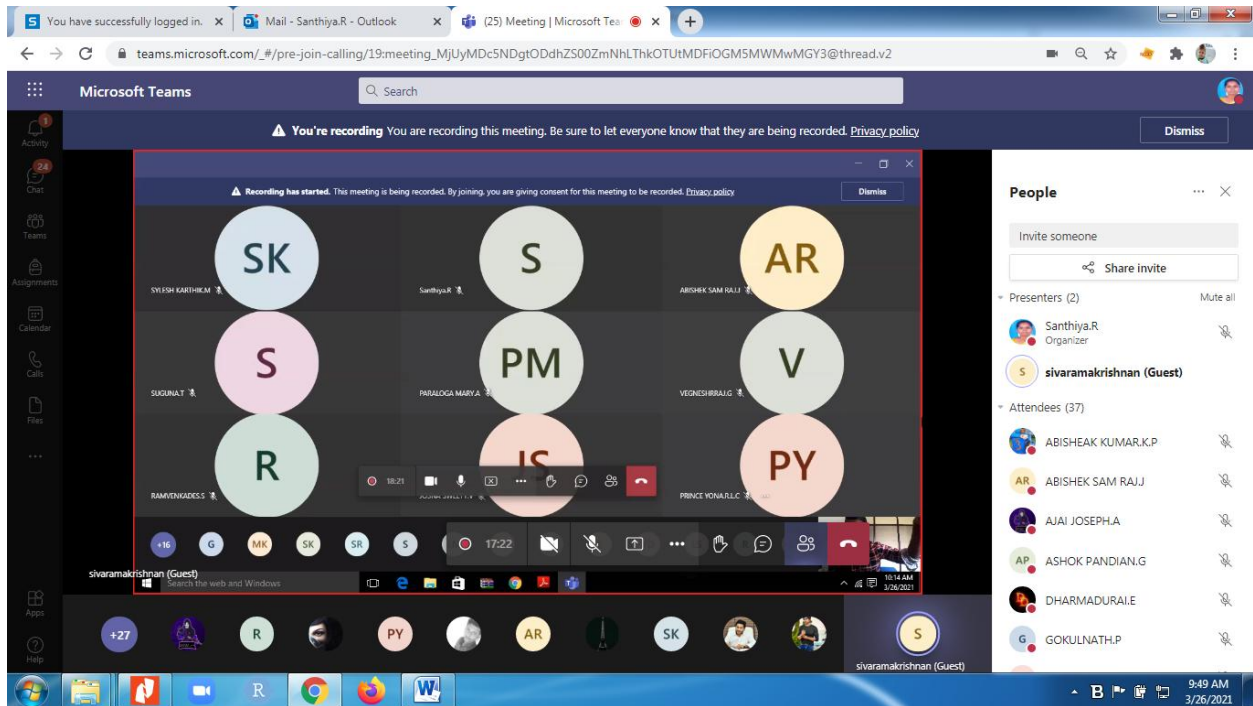
Date	Timing	Program Schedule	Resource Person
Day-II - 25.3.2021	9.30 am -10.00 am	Inauguration	
	10.00 am -12.30pm	<p align="center">Session-I Introduction to MATLAB (Basic Programming & Simulink)</p> <p align="center">Applications-Basics of Image processing using MATLAB-Part 1</p> <p>Link of Joining the session I: https://tinyurl.com/DayI-session1</p>	<p>1.Dr.S.Jeya Devi ,Prof & HOD, Department of EIE, Kamaraj College of Engg& Technology, Madurai.</p> <p>2.Dr.A.Geetha, Associate Professor, Department of ECE, Kamaraj College of Engg& Technology, Madurai.</p>
	12.30pm -1.30pm	Lunch Break	
	01.30 pm -3.30 pm	<p align="center">Session-II Design of Electronic Controllers & its Real time Applications</p> <p align="center">Applications-Basics of Image processing using MATLAB-Part 2</p> <p>Link of Joining the session II: https://tinyurl.com/DayI-Session2</p>	<p>1.Dr.M.Sudalai Mani ,Assistant Professor, Department of EEE, Kamaraj College of Engg& Technology, Madurai.</p> <p>2.Dr.T.PandiSelvi ,Assistant Professor, Department of ECE, Kamaraj College of Engg& Technology, Madurai.</p>
Day-II - 26.3.2021	10.00 am -12.30pm	<p align="center">Session-I Introduction to PLC & Relay Ladder Logic representation & Introduction to Logix Pro Simulator</p> <p>Link of Joining the session I: https://tinyurl.com/DayII-Session1</p>	Mr.R.Sivaramakrishnan, Engineer-Automation SMT,CTTI private Ltd,Chennai
	12.30 pm -1.30 pm	Lunch Break	
	01.30 pm -3.30 pm	<p align="center">Session-II Basic PLC Programs & Exercises on Logix pro Simulator</p> <p>Link of Joining the session II: https://tinyurl.com/DayII-Session2</p>	Mr.R.Sivaramakrishnan, Engineer-Automation SMT,CTTI private Ltd,Chennai
Day-III - 27.3.2021	10.00 am -12.30pm	<p align="center">Session-I Introduction to Timers & Counters and Programming using Logix Pro simulator</p> <p>Link of Joining the session I: https://tinyurl.com/DayIII-Session1</p>	Mr.R.Sivaramakrishnan, Engineer-Automation SMT,CTTI private Ltd,Chennai
	12.30 pm -1.30 pm	Lunch Break	
	01.30 pm -3.00 pm	<p align="center">Session-II Industrial Application of PLC and LabVIEW</p> <p>Link of Joining the session II: https://tinyurl.com/DayIII-Session2</p>	Mr.R.Sivaramakrishnan, Engineer-Automation SMT,CTTI private Ltd,Chennai
	03.00 pm -3.30 pm	Feedback & Valedictory Function	

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING
Three days Workshop on
"Design and Simulation of Electronic Circuits using Software Packages"
25..3.2021-27.3.2021

Photo Proof:



DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING
Three days Workshop on
"Design and Simulation of Electronic Circuits using Software Packages"
25..3.2021-27.3.2021



Three Days Workshop on “**Design and simulation of electronic circuits using software packages**”
25.03.2021 - 27.03.2021

Attendance (contd..)

S.No	Roll No	Student Name	Year and Branch	25.3.2021		26.3.2021		27.3.2021	
				FN	AN	FN	AN	FN	AN
30	18UMTR001	R.L.C Prince yona	III MTR	P	P	P	P	P	P
31	18UMTR005	T.Sivakumar	III MTR	P	P	P	P	P	P
32	18UMTR011	G.Rahini	III MTR	P	P	P	P	P	P
33	18UMTR012	G.Rohini	III MTR	P	P	P	P	P	P
34	18UMTR013	M.Sylesh Karthick	III MTR	P	P	P	P	P	P
35	18UMTR019	J.Abhishek Samraj	III MTR	P	P	P	P	P	P
36	18UMTR020	T.Harshni	III MTR	P	P	P	P	P	P
37	19UMTR035	R.Solai Ragul	II MTR	P	P	P	P	P	P
38	19UMTR036	S.RamVenkades	II MTR	P	P	P	P	P	P
39	19UMTR037	I.Samuvel Kingsley	II MTR	P	P	P	P	P	P
40	19UECE047	E.Dharmadurai	II ECE	P	P	P	P	P	P
41	19UECE085	S.Logaa maadhavan	II ECE	P	P	P	P	P	P
42	19UECE001	V.A.Lille sree	II ECE	P	P	P	P	P	P
43	19UECE009	K.SanthanaLakshmi	II ECE	P	P	P	P	P	P
44	19UECE011	B.Nivetha	II ECE	P	P	P	P	P	P
45	19UECE016	C.Nalina Laxmi	II ECE	P	P	P	P	P	P
46	19UECE019	D.Yamuna devi	II ECE	P	P	P	P	P	P
47	19UECE043	A.Paraloga mary	II ECE	P	P	P	P	P	P
48	19UECE014	Manoj Kumar.A	II ECE	P	P	P	P	P	P

Post Assessment-workshop-Design&Simulation of Electronic circuits using software packages

46
Responses

17.2
Average Score

Closed
Status

1. Expansion of MATLAB: (1 point)

98% of respondents (45 of 46) answered this question correctly.

● Mathematics Laboratory	1	
● Matrix Laboratory	45	✓
● Management Lab	0	
● None of the above	0	



2. In MATLAB,While representing a matrix each elements of a row are separated by (1 point)

89% of respondents (41 of 46) answered this question correctly.

● Space or comma	41	✓
● semicolon	5	
● Tab	0	
● colon	0	



3. In MATLAB,While representing a matrix each rows are separated by (1 point)

100% of respondents (46 of 46) answered this question correctly.

● Space or comma	0	
● semicolon	46	✓
● Tab	0	
● colon	0	



4. Select the function which give the output matrix like $d=[1\ 0\ 0; 0\ 1\ 0; 0\ 0\ 1]$ (1 point)

85% of respondents (39 of 46) answered this question correctly.

- d=ones(9) 1
- d=eyes(9) 0
- d=ones(3) 6
- d=eyes(3) 39 ✓



5. $x=8.7$ ceil(x) Find the output. (1 point)

100% of respondents (46 of 46) answered this question correctly.

- x=8 0
- x=9 46 ✓
- x=8.7 0
- x=7 0



6. Select the types of images representation (1 point)

80% of respondents (37 of 46) answered this question correctly.

- RGB and Gray scale 4
- RGB and Black& White 0
- Gray scale & Black and white 5
- RGB, Black & White and Gray ... 37 ✓



7. 3D array representation is used to denote_____ (1 point)

89% of respondents (40 of 45) answered this question correctly.

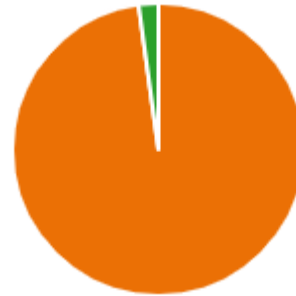
- image 4
- video 40 ✓
- text 0
- Ascii 1



8. In Matlab, imread() function is used to _____ (1 point)

98% of respondents (45 of 46) answered this question correctly.

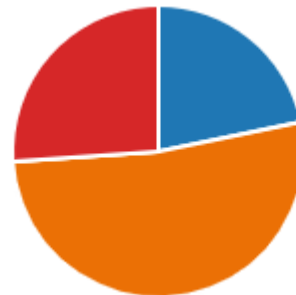
- to display an image 0
- to read an image from file 45 ✓
- to read imaginary part of a nu... 1
- to display an imaginary part o... 0



9. In image enhancement,Median filter is used to remove____ (1 point)

52% of respondents (24 of 46) answered this question correctly.

- blurred noise 10
- salt & Pepper noise 24 ✓
- mid frequency signals 0
- all of the above 12



10. The primary colors used to represent an image are (1 point)

100% of respondents (46 of 46) answered this question correctly.

- Red,Blue and Green 46 ✓
- Yellow,Megenda and cyan 0
- Black, White and Gray 0
- Yellow,Black and White 0



11. In Matlab, imshow() function is used to _____ (1 point)

85% of respondents (39 of 46) answered this question correctly.

- to insert an image into anothe... 1
- to display an image 39 ✓
- to read an image from a file 1
- None of the above 5



12. ____ function is used for image enhancement. (1 point)

50% of respondents (23 of 46) answered this question correctly.

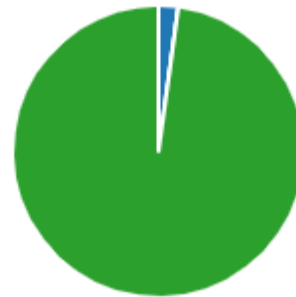
<input checked="" type="radio"/> imadjust()	23	✓
<input type="radio"/> inread()	4	
<input type="radio"/> imshow()	16	
<input type="radio"/> plot()	3	



13. In a 8bit system, The highest level of gray level is _____ (1 point)

98% of respondents (45 of 46) answered this question correctly.

<input type="radio"/> 64	1	
<input type="radio"/> 8	0	
<input checked="" type="radio"/> 255	45	✓
<input type="radio"/> 15	0	



14. 2D array representation is used to denote_____ (1 point)

93% of respondents (42 of 45) answered this question correctly.

<input checked="" type="radio"/> image	42	✓
<input type="radio"/> video	1	
<input type="radio"/> document	0	
<input type="radio"/> character	2	



15. The expansion of PLC is (1 point)

96% of respondents (44 of 46) answered this question correctly.

<input type="radio"/> Programmable Logic Calculator	2	
<input checked="" type="radio"/> Programmable Logic Controller	44	✓
<input type="radio"/> Portable Logic Controller	0	
<input type="radio"/> Programmable Logic Connecti...	0	



16. Select the timer belongs to given timing diagram. (1 point)

73% of respondents (32 of 44) answered this question correctly.

● Off delay Timer	6
● On delay Timer	32 ✓
● pulse delay timer	1
● both 1 and 2	5



17. Select the one which is not used as input in PLC. (1 point)

56% of respondents (25 of 45) answered this question correctly.

● Push buton	0
● Limit switch	20
● NO & NC contact	0
● Motor	25 ✓



18. Choose the correct Logic from the PLC ladder diagram. (1 point)

91% of respondents (42 of 46) answered this question correctly.

● EXOR	42 ✓
● ENOR	1
● NOR	0
● NAND	3



19. _____ is used to carry out such an operation and It is a self-maintaining circuit in that, after being energized, it maintains that state until another input is received. (1 point)

100% of respondents (46 of 46) answered this question correctly.

● Buffer	0
● Latch	46 ✓
● Flip Flop	0
● isolator	0



20. _____ is an industrial microprocessor-based controller with programmable memory used to store program instructions and various functions. (1 point)

98% of respondents (45 of 46) answered this question correctly.

<input checked="" type="radio"/> Programmable Logic controller	45	✓
<input type="radio"/> Personal Computer	1	
<input type="radio"/> SCADA	0	
<input type="radio"/> 8081 Micro processor	0	



DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING
3 Days Workshop on “Design and simulation of electronic circuits using software packages”
25.03.2021 - 27.03.2021

POST Assessment-SCORE

ID	Start time	Completion time	Email	Name	Total points(20)
1	3/28/21 18:00:09	3/28/21 18:13:48	18umtr001@kamarajengg.edu.in	PRINCE YONA.R.L.C	15
2	3/28/21 18:03:35	3/28/21 18:16:45	18umtr019@kamarajengg.edu.in	ABISHEK SAM RAJ.J	15
3	3/28/21 18:05:35	3/28/21 18:18:27	19uece066@kamarajengg.edu.in	JOYCE PRINCY.P.V	16
4	3/28/21 18:02:07	3/28/21 18:21:51	19ueie009@kamarajengg.edu.in	SWASTIK KUMAR.K	18
5	3/28/21 18:01:11	3/28/21 18:23:09	18umtr013@kamarajengg.edu.in	SYLESH KARTHIK.M	14
6	3/28/21 18:11:46	3/28/21 18:25:29	19uece047@kamarajengg.edu.in	DHARMADURALE	16
7	3/28/21 18:12:41	3/28/21 18:25:45	19uece021@kamarajengg.edu.in	KARTHICK RAJA.M	17
8	3/28/21 18:19:24	3/28/21 18:27:10	19uece056@kamarajengg.edu.in	VIDHYA.S	16
9	3/28/21 18:06:53	3/28/21 18:29:32	18umtr020@kamarajengg.edu.in	HARSHINI.T	14
10	3/28/21 18:16:40	3/28/21 18:33:58	19uece076@kamarajengg.edu.in	ABISHEAK KUMAR.K.P	17
11	3/28/21 18:09:02	3/28/21 18:34:00	19uece036@kamarajengg.edu.in	HARIHARAN.J	18
12	3/28/21 18:21:53	3/28/21 18:34:09	19uece053@kamarajengg.edu.in	SUGUNA.T	18
13	3/28/21 18:03:49	3/28/21 18:34:47	19uece002@kamarajengg.edu.in	SIVADHARSHAN.K	20
14	3/28/21 18:07:05	3/28/21 18:34:48	19uece049@kamarajengg.edu.in	GOKULNATH.P	19
15	3/28/21 18:26:38	3/28/21 18:35:36	19uece079@kamarajengg.edu.in	GOUSIKA.M	18
16	3/28/21 18:00:39	3/28/21 18:36:14	19uece085@kamarajengg.edu.in	LOGAA MAADHAVAN.N.S	17
17	3/28/21 18:01:32	3/28/21 18:37:12	19uece023@kamarajengg.edu.in	VEGNESHRAJ.G	20
18	3/28/21 18:29:00	3/28/21 18:37:17	19uece035@kamarajengg.edu.in	SUBHIKSHA.S	17
19	3/28/21 18:05:33	3/28/21 18:37:24	19uece004@kamarajengg.edu.in	JOSNA SWEETY.V	16
20	3/28/21 18:02:11	3/28/21 18:39:16	19uece014@kamarajengg.edu.in	MANOJ KUMAR.A	19
21	3/28/21 18:17:15	3/28/21 18:40:37	19ueie008@kamarajengg.edu.in	SUJAN.K	20
22	3/28/21 18:01:51	3/28/21 18:40:52	19uece070@kamarajengg.edu.in	SANGEETHA.S	19
23	3/28/21 18:41:50	3/28/21 18:42:14	19uece031@kamarajengg.edu.in	YOGA VENKATESH.S	18
24	3/28/21 18:40:33	3/28/21 18:42:20	19uece050@kamarajengg.edu.in	SHANMUGAGANAPATHI.B	17
25	3/28/21 18:40:02	3/28/21 18:42:23	19uece009@kamarajengg.edu.in	SANTHANA LAKSHMI.K	17
26	3/28/21 18:10:09	3/28/21 18:43:00	18umtr011@kamarajengg.edu.in	RAHINI.G	16
27	3/28/21 18:00:15	3/28/21 18:43:22	19uece069@kamarajengg.edu.in	VINOTH KUMAR.M.V	17
28	3/28/21 18:01:40	3/28/21 18:44:26	19umtr035@kamarajengg.edu.in	SOLAI RAGUL.R	16
29	3/28/21 18:02:13	3/28/21 18:44:30	19umtr037@kamarajengg.edu.in	SAMUVEL KINGSLY.I	16
30	3/28/21 18:01:44	3/28/21 18:44:39	19uece043@kamarajengg.edu.in	PARALOGA MARY.A	17
31	3/28/21 18:02:46	3/28/21 18:44:51	19uece016@kamarajengg.edu.in	NALINA LAXMI.C	17
32	3/28/21 18:15:18	3/28/21 18:45:09	19ueie005@kamarajengg.edu.in	ASHOK PANDIAN.G	18
33	3/28/21 18:03:33	3/28/21 18:45:37	19uece011@kamarajengg.edu.in	NIVETHA.B	17
34	3/28/21 18:12:02	3/28/21 18:46:32	18umtr012@kamarajengg.edu.in	ROHINI.G	15
35	3/28/21 18:16:01	3/28/21 18:48:18	18ueie001@kamarajengg.edu.in	AJAI JOSEPH.A	19
36	3/28/21 18:28:31	3/28/21 18:48:20	19umtr036@kamarajengg.edu.in	RAMVENKADES.S	17
37	3/28/21 18:20:43	3/28/21 18:48:48	19uece019@kamarajengg.edu.in	YAMUNA DEVI.D	17
38	3/28/21 18:53:43	3/28/21 18:53:47	19uece054@kamarajengg.edu.in	VIGNESH.E	17
39	3/28/21 18:27:20	3/28/21 18:54:29	18UECE079@kamarajengg.edu.in	SREE NIVETHA.M	19
40	3/28/21 18:29:59	3/28/21 18:55:55	18UECE037@kamarajengg.edu.in	SINEKA.J	19
41	3/28/21 18:21:50	3/28/21 18:56:01	18UECE009@kamarajengg.edu.in	PRIYA DHARSHINI.D	19
42	3/28/21 18:22:42	3/28/21 18:56:15	19uece001@kamarajengg.edu.in	LILEE SREE.V.A	16
43	3/28/21 18:08:56	3/28/21 18:56:27	18UECE084@kamarajengg.edu.in	MADHU SIVANI.N	19
44	3/28/21 18:14:46	3/28/21 18:57:19	18UECE083@kamarajengg.edu.in	RAJALAKSHMI.U	19
45	3/28/21 18:49:18	3/28/21 18:57:49	19uece018@kamarajengg.edu.in	NITHISHKUMAR.K.M	14
46	3/30/21 18:12:05	3/30/21 18:18:51	19uece010@kamarajengg.edu.in	NIVETHA.M	17



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DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Proudly Organizes

Three days workshop on

"Design and Simulation of Electronic Circuits using Software Packages "

25.03.2021-27.3.2021

Certificate of Participation

This is to certify that A.Manoj kumar of II ECE has participated in **Workshop on** *"Design and Simulation of Electronic Circuits using Software Packages "* organized by DEPARTMENT OF ELECTRONIC & INSTRUMENTATION ENGINEERING ,Kamaraj College of Engineering and Technology(Autonomous), Madurai-625701 during 25.03.2021 to 27.3.2021..

Er.R.Santhiyai, AP/EIE
Coordinator

Dr.S.Jeya devi, Prof & Head/EIE
Convener

Dr.Anant Achary
Principal

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