

#### COLLEGE OF ENGINEERING AND TECHNOLOGY

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

#### **EVENT REPORT**

Name of the Course: MASTERING PROGRAMMING WITH MATLAB

Name of the Instructor: Mr.R. Kanagavalli, Asst Professor, Jaya Engineering College

Year and Branch: II, III, IV & ME-PED- ELECTRICAL AND ELECTRONICS ENGINEERING

**Duration of Course:** 32 Hrs (15.10.2018 to 20.10.2018)

#### SUMMARY OF THE EVENT:

The Course was inaugurated on **15.10.2018** 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 **20.10.2018** by 3.30 pm the course was Completed Successfully.

During the Six Days of the program Students were participated with enthusiasm and they finally gained Knowledge on "MASTERING PROGRAMMING WITH MATLAB"

#### **ASSESMENT MODE:**

No of Students Enrolled: 92

Scheme of Exam: Offline

No of Students appeared: 92

No of Students Passed: 92

Date of Exam: 20.10.2018

#### **OUTCOME:**

This course helped the students to understand the MATLAB commands, the role of MATLAB in the field of Electrical and Electronics Engineering, apply the program Knowledge in the Engineering field, to design various simple Program in MATLAB for solving Electrical Problems.

COORDINATOR

Thirupachur

(Mrs.S. Geetha)

HOD/EEE
(Mr.M.Namachivayam)

RRINCIPAL
Sri Venkateswara College of
Engineering and Technology,

Thirupachur, Thiruvallur - 631 203



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## 18EEEVAC01 - MASTERING PROGRAMMING WITH MATLAB <u>TEST QUESTION</u>

- 1. Command used to display the value of variable x.
  - a) displayx
  - b) disp x
  - c) disp(x)
  - d) vardisp ('x')
  - 2. To add comments in MATLAB, use
    - a) //
    - b) % /
    - c) / %
    - d) %
  - 3. MATLAB allows modeling of different control systems using
    - a) Simulink
    - b) Control System Toolbox
    - c) Not available in MATLAB as of yet
    - d) explot
  - Command is used to save command window text to file.
    - a) save as
    - b) text to file 6/13
    - c) diary
    - d) to diary
  - 5. Which command is used to clear a command window?
    - a) clear
    - b) ele
    - c) close all
    - d) clear all





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- 6. Which functions help you to save and load variables?
  - a) >> save Lays [a, b] >> load ('myfile.mat')
  - b) >> save Lays { a b >> load myfile.mat
  - c) >> save Lays " a , b ">> load ( myfile.mat )
  - d) >> save Lays a b >> load ( ' myfile.mat " )
- 7. To display comments of M file, we use
  - a) show %
  - b) echo on
  - c) comment on
  - d) Cannot be displayed
- 8. What does the following block da?
  - a) Converts a Simulink signal to a physical Signal
  - b) Converts Simulink variable to a physical variable
  - c) Converts a Simulink operation to a physica, operation
  - d) Does nothing
- 9. Photodiodes are present in the sections of the Sims cape toolbox
  - a) Special Purpose Diodes
  - b) Semiconductor devices
  - c) Diods
  - d) Sensors
- 10. Digtal systems
  - a) Can be implemented in Simulink.
  - b) Cannot. be implemented.
  - c) Orly AUCH
  - d) Only DAC's
- 11. The arrows connecting each block with another are
  - a) Flexible as in they don't become permanent when once placed
  - b) R gid as in their direction cannot be dangal
  - c) Text pop up in the screen
  - d) Absent





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- 12. To determine whether an input is MATLA3 keyword, command is?
  - a) iskeyword
  - b) key word
  - c) input word
  - d) Isvarname
- 13. MATLAB stands for
  - a) math library
  - b) matric library
  - c) matrix library
  - d) matrix laboratory
- 14. Command used to display the value of variable x
  - a) displays
  - b) dispx
  - c) disp(x)
  - d) vardisp('x')
- 15. To add comments in MATLAB, are
  - a) //
  - b) /%
  - c) %/
  - d) %
- 16. MATLAB allows modeling of cifferent control systems using .
  - a) Simulink
  - b) Control System Toolbox
  - c) Not available in MATLAB as of yet
  - d) ezplot
- 17. What are MEX files in MATLAB?
  - a) No such thing as MEX files
  - b) Same as MAT files
  - c) Helps to analyze commands in MATLAB

d) Allows the user to combine Coloring files with Mat lab files

Thirupachur



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#### 18EEEVAC01- MASTERING PROGRAMMING WITH MATLAB

Student Reg. No. & Name: 112416105012 & Lakshmi N

Sem & Year: 05 & TI year

Date: 20.10.2	a.	8
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1.	Command used to disp	play the value of v	ariable
	a) displayx		
	h) dian v		

- b) disp x
- c) disp(x)
- d) vardisp ('x')
- 2. . To add comments in MATLAB, use
  - a) //
  - b) % /
  - c) / %
  - di%
- 3. MATLAB allows modeling of different control systems using
  - (a) Simulink
  - b) Control System Toolbox
  - c) Not available in MATLAB as of yet
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- 4. Command is used to save command window text to file.
  - a) saveas
  - b) texttofile 6/13



d) todiary

- 5. Which command is used to clear a command window?
  - a) clear
  - b) ele
  - c) close all

d) clear all





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- a) >> save Lays [a, b] >> load ('myfile.mat')
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- c) >> save Lays "a, b">> load (myfile mat)
- d) >> save Lays a b >> load ('myfile.mat")

### 7. To display comments of M - file, we use

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#### 8. What does the following block da?

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12.	То	determine	whether an	input i	is MATLA3	keyword,	command i	s ?	1
-----	----	-----------	------------	---------	-----------	----------	-----------	-----	---

- a) Iskeyword
- b) key word
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#### 17. What are MEX files in MATLAB?

- a) No such thing as MEX files
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- Allows the user to combine C source files with Mat lab files



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- 18. What are the difference between the 'help' and the 'look for 'command?
  - a) No difference
  - b) Syntactical difference
  - c) Help returns the entire set while look for returns specific commands
  - d) Help returns all the toolbox while look for returns a single toolbox
- 19. What is not displayed by the Workspace?
  - a) Time of variable generation
  - b) Standard deviation of the variable values
  - c) Class of the variables
  - d) Nature of the variables
- 20. What is the extension of script files?
  - (a) .m
  - b) .mat

c .script

d) There is a nothing called script file



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COORDINATOR
(Mrs.S. Geetha)

HOD/EEE (Mr.M.Namachivayam)



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#### 18EEEVAC01 - "MASTERING PROGRAMMING WITH MATLAB"

Course Code	18EEEVAC01	
Name of the Course	MASTERING PROGRAMMING WITH MATLAB	
<b>Duration of the Course</b>	32 HOURS	
Academic Year	2018-19	
Period of the Course	15.10.2018 TO 20.10.2018	

### STUDENT EVALUATION SHEET

S.NO	YEAR	REGISTER NUMBER	NAMEOF STUDENTS	ATTENDANCE	MARKS
1	П	112417105001	ANANDHA PRIYA.R	32	90
_2	П	112417105002	AKASH.A	32	95
3	П	112417105003	AMMU.E	32	90
4	II	112417105004	ANAND.S	32	80
5	П	112417105005	CHANDRAMOULI.K	32	80
6	II	112417105007	DIVAKAR.K	32	80
7	II	112417105008	GAYATHRI.V	32	95
8	II	112417105009	KIRUBHAKARAN G	32	80
9	II	112417105010	KISHOREKUMAR S	32	80
10	II	112417105011	MONISH.B	32	80
11	П	112417105013	NAVANEETHA HALDER	32	95
12	II	112417105014	NAVEENA.P	32	95
13	II	112417105015	PRADEEBAN B	32	90
14	П	112417105016	PRAKASH R	32	90
15	II	112417105017	PRAVEEN KUMAR.J	32	80
16	II	112417105018	RAMYA.J.C	32	90
17	II	112417105019	SNEHA.M	32	90
18	II	112417105020	SONA.S	32	90
19	II	112417105021	SUBATHRA.K.S	32	85
20	II	112417105023	SURESH KUMAR.R	32	80
21	II	112417105025	UMA MAHESHWARI.R	32	80
22	II	112417105026	VIGNESHWAR.D	32	80
23	H	112417105027	VIGNESHWARAN.R	32	85
24	II	112417105028	VIJAYESHWARAN.B	32	85
25	II	112417105029	VIKRAM.S	32	90
26	II	112417105302	JENIPER.M	32 1	85
27	JAA CO	417105302	KAMALAKKANNAN.V	PRINCIPAL	85



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S.NO	YEAR	REGISTER NUMBER	NAMEOF STUDENTS	ATTENDANCE	MARKS
28	II	112417105304	KATHIRAVAN D	32	80
29	II	112417105305	LAKSHMI PRASAD D M	32	80
30	II	112417105306	MAGESHWARAN.M	32	80
31	II	112417105307	MANOJ KUMAR.P	32	85
32	Ш	112416105001	AJITH KUMAR.E	32	85
33	III	112416105002	ANUPRIYA.R	. 32	90
34	Ш	112416105003	ARAVINDAN.R	32	85
35	III	112416105004	DEEPA LAKSHMI.S	32	95
36	III	112416105005	DINESHKUMAR.C	32	80
37	III	112416105006	ELAKIYA.E	32	90
38	III	112416105007	GANESAN.R	32	85
39	III	112416105008	HARI KUMAR.K	32	85
40	III	112416105009	INBAA MARI.M	32	95
41	III	112416105010	JAGAN.D	32	85
42	III	112416105011	KARTHIKA.K	32	90
43	III	112416105012	LAKSHMI.N	32	90
44	III	112416105013	MOHANA PRIYA.S	32	90
45	III	112416105014	NAVAJOTHI.R	32	95
46	III	112416105015	PAVITHRA.A	32	85
47	III	112416105016	PRABAVATHI.K	32	80
48	III	112416105017	PUNITH KUMAR.R	32	80
49	III	112416105019	RENUKA.R	32	80
50	III	112416105020	SAKTHIVEL.T	32	95
51	III	112416105021	SARANRAJ.D	32	80
52	III	112416105022	SIVAKUMAR.B	32	80
53	III	112416105023	VASANTH KUMAR.S	32	80
54	III	112416105024	VEL.S	32	85
55	III .	112416105025	VIJAY.M	32	85
56	III	112416105301	ASHOK KUMAR P	32	85
57	III	112416105303	BABU R	32	80
58	III	112416105304	BALAJI G	32	80
59	III	112416105305	BALAJI O	32	90
60	III	112416105308	GAJENDRAN G	32	85
61	III	112416105309	GOKULA KANNAN K	32	85
62	Ш	112416105313	LOKESH.T	PRINCIPAL	85
63	MRA CO	1502416105314		kateswara Coll	eq@of

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S.NO	YEAR	REGISTER NUMBER	NAMEOF STUDENTS	ATTENDANCE	MARKS
64	III	112416105315	MUNI SEKAR G	32	85
65	III	112416105316	PRADEEP KUMAR.B	32	80
66	III	112416105317	PRAKASH S	32	85
67	III	112416105318	PRAVEEN KANNAN R	32	80
68	III	112416105322	SARAVANAN K	32	85
69	III	112416105324	SEKAR R B	32	90
70	IV	112415105001	AJITH M	32	90
71	IV	112415105002	ANANDHA BABU P	32	85
72	IV	112415105003	AUGUSTHIA S	32	85
73	IV	112415105004	BAGATHSING C	32	80
74	IV	112415105005	DHARANI A	32	80
75	IV	112415105006	KALAIYARASI S	32	80
_76	IV	112415105009	RAMKUMAR P	32	85
77	IV	112415105010	SANGEETHA R	32	90
78	IV	112415105011	THILAGANANTHAN S	32	95
79	IV	112415105012	VIGNESWARAN M	32	90
80	IV	112415105013	VIJAY N	32	95
81	IV	112415105301	ASWIN S	32	80
82	IV	112415105302	NAVEENKUMAR D	32	80
83	IV	112415105901	AKASH U	32	80
84	IV	112415105902	MEENA P	32	95
85	ME-PED	112418415001	ARCHANA K	32	85
86	ME-PED	112418415002	BHARATH M	32	80
87	ME-PED	112418415003	JOTHILAKSHMI	32	85
88	ME-PED	112418415004	MATHIAS RAJ M	32	80
89	ME-PED	112418415005	SANGEETHA P	32	85
90	ME-PED	112418415006	SUDHA K	32	90
91	ME-PED	112418415007	VIGNESHWARI P	32	98
92	ME-PED	112418415008	VINOTH KUMAR A	32	80

COORDINATOR

(Mrs.S.Geetha)

HOD/EEE

(Mr.M.Namachivayam)



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# DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms VI.NOTH. KUIMAR. P. (1124/184/15708) UG/PG

Department of Electrical and Electronics Engineering has successfully

completed Value Added Course titled 'MASTERING PROGRAMMING WITH

MATLAB ' held from 15.10.2018 to 20.10.2018

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# DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms ARCHANA:.K.(...!241841...5001.)..... UG/PG
Department of Electrical and Electronics Engineering has successfully
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Srl Venkateswara College of

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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING **CERTIFICATE OF PARTICIPATION**

This is to certify that Mr/Ms NAVAJOTHJ.R. (112416105014)... UG/PG

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MATLAB ' held from 15.10.2018 to 20.10.2018

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This is to certify that Mr/Ms MAGIES H.WARAN: M(1)2417105306) UG/PG

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Sri Venkateswara College of

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CO-ORDINATOR

Thirupachur Pin: 631 203

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This is to certify that Mr/Ms RAM.YA:J:C.(!!)4!7!0.5018)..... UG/PG

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HOD/EEE