

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY - PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI - 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: - www.miet.edu



Ph: 0431 - 2660 303

# 1.2.2 Number of Add on /Certificate programs offered during the last five years (10)

	2015-2016		
Sl. No	Name of Add on /Certificate programs offered	Pg.No	
	EE15161 - Design of Wiring and Winding		
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Ph: 0431 - 2660 303

Date: 01.06.15

To

The Principal

M.I.E.T Engineering College,

Trichy - 620007

Respected Sir,

Sub: Permission to conduct the certificate program – Reg...

We have planned to conduct the value certificate program for our final year students from 08-06-2015 to 12-06-2015 at 09.30 am to 05.00 pm.

Name of the Certificate Program	Course Coordinator
Design of Wiring and Winding	Mr.D.Jayaraj., AP/EEE

So kindly give us permission to conduct the certificate program and to utilize the facility.

Thanking you

HoD EEE



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### CIRCULAR

02.06.15

Sub: Certificate Program

It is planned to conduct the certificate program for the final year Electrical and Electronics Engineering students.

The certificate program is short term certificate program which are designed and offered by our department for the benefit of our students. Course will be conducted at free of cost and based on the performance of the participated students, the merit certificate will be issued after the successful completion of the course.

Students those who are willing to attend the below mentioned course can enroll their name to the course coordinator.

Course Coordinator
Mr. D. Jayaraj., AP/EEE
om 08-06-2015 to 12-06-2015

Course Coordinator

HODEEE

# M.I.E.T ENGINEERING COLLEGE, TRICHY - 7. DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Certificate Course (IV Year - VII Semester)

Course Syllabus

Name of the course: Design of Wiring and Winding

Course Code: EE15161

Course Coordinator: Mr.D.Jayaraj., AP/EEF

Total Hours: 34

Academic Year: 2015-16

#### Objective

- To Impart the Knowledge to the students with Electrical wiring & Testing
- To introduce the concept of Winding.

Unit I -Electrical wiring Level-I

control of three lamps - stair case wiring for G+n floors - emergency alarm circum - single phase motor with main switch . D.O.L starter and M.C.B -3 phase induction motor with main switch, star/delta starter and E.L.C.B.

## Unit II - Electrical wiring Level-II

7

I phase service connection - sign lamp with a provision of fuse/ M.C.B. Licetronic chock/switches - test board with necessary items. - Tunnel wiring

### Unit III - Electrical wiring Level-III

7

Methods of Electrical Wiring - Types of Electrical Wiring Systems-Advantages - Disadvantages-Single Phase Electrical Wiring Installation- Three Phase Electrical Wiring Installation in Home Multi-Story Building.

#### Unit IV - Electrical Installation Checking

6

Insulation resistance test between installation and earth - Insulation resistance test between conductors- Testing of polarity- Testing of earth continuity paths- Earth resistance test

#### Unit V - Electrical winding Basics

6

Motor Winding and Its Types - Stator Winding - Rotor Winding - Lap winding - Wave Winding - Motor Winding Calculation- number of slots and number of poles - end connection-

## Course Outcome

The students will be able to

- · Understand the basics of electrical winding
- · Able to wiring the electrical installations
- Able to check the electrical Installations.

#### References

These are some of the links and books which can help students in increasing their knowledge base and clarification of the doubts.

- [1] https://www.yourelectricalguide.com/
- [2] https://www.electricaltechnology.org/
- [3] https://www.elprocus.com/

Course Coordinator

DOLLER



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# DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING Willing Student List

CP1 Coordinator: D.Jayaraj., AP/EEE
CP2 Coordinator: B.Muthuselvi., AP/EEE

Academic Year: 2015-2016

SL. NO	STUDENT NAME	CP1 Design of Wiring and Winding	CP2 Fundamentals of MATLAB
1.	AATIF ABDUL KANI.S	1	
2.	ABDUL HAMEED.P.M	· ·	
3.	ADAIKALA SAMY.A	✓.	
4.	AHAMED ZAHEER.Z	<b>✓</b>	17.
5.	AJMAL KHAN.N	<b>✓</b>	
6.	AMUDHAN.S	<b>√</b>	
7.	ARSHATH AHMED.H	<b>√</b>	*
8.	ARUN.A	<b>✓</b>	
9.	AZARUDEEN.S	<b>√</b>	
10.	BALAMURUGAN.S	<b>✓</b>	
11.	BHARANIDHARAN.M	<b>✓</b>	2
12.	DEERAN.V	<b>✓</b>	
13.	DHIVYA.V	<b>✓</b>	
14.	DICKSON FERNANDAS.E	<b>/</b>	
15.	ELAKKIYA.M	<b>✓</b>	
16.	JAYASRI.J	<b>✓</b>	
17.	JEYALAKSHMI.V	✓	
18.	JOHNSON.D	<b>✓</b>	
19.	KARTHI.K	<b>√</b>	



SL. NO	STUDENT NAME	CP1 Design of Wiring and Winding	CP2 Fundamentals of MATLAB
20.	KARTHIKEYAN.N	<b>✓</b>	
21.	KAUSAR RAZA.A	<b>✓</b>	
22.	MAHENDRAN.G	<b>✓</b>	
23.	MANIKANDAN.K	<b>✓</b>	
24.	MARXIA.R.M	<b>✓</b>	
25.	MEENA.A	✓	
26.	MOHAMED ABUDHAHIR.A	✓	
27.	MOHAMED ASARUDEEN.M	✓	
28.	MOHAMED AZARUDEEN.J	<b>✓</b>	
29.	MOHAMED FAHAD.P.M.N	✓	
30.	MOHAMED MUHSIN.Y	+	
31.	MOHAMED RIYAS.A.J	✓	
32.	MOHAMED SHABIR.M		
33.	MOHAMMED ABDULLAH.A		
34.	MURALI KRISHNAN.K	✓	
35.	MUTHUSELVAGANESH.M	· ·	,
36.	MUZAMIL KHAN.J	✓	
37.	PAVITHRA.S	<b>✓</b>	
38.	POTHUM PONNU.V	✓ .	
39.	PRABHAKARAN.K	✓	
40.	PRIYANKA.B	✓	10
41.	RAMYA.G	✓	(=)
42.	RAVICHANDIRAN.S	✓	2
43.	RUSHI KESAVAN.M	✓	
44.	SERMA RAJA SANKAR.A	✓	
45.	SHAHUL HAMEED.A	The state of the s	
46.	SUBIKA.S	✓	

SL. NO	STUDENT NAME	CP1 Design of Wiring and Winding	CP2 Fundamentals of MATLAB
47.	SUDHAKAR.P	<b>✓</b>	
48.	THIRUNAVUKKARASU.S	✓	And the control of th
49.	VENKADESAN.R	<b>√</b>	
50.	VIGNESH.D	✓	
51.	VIGNESH.V	✓ .	
52.	ADHIMOOLAM V	✓	
53.	ARULMANI V	✓	
54.	AZARABALI K	✓	
55.	DINESH KUMAR K	✓	
56.	KAVISURYA A	✓	The state of the s
57.	KRISHNARAJA M		
58.	KUMARAVEL RAJA C	✓	The second secon
59.	MOHAMED HARISH AKRAM T M		
60.	MOHAMMED BELAL T	✓	
61.	MOHAMMEDU N	<b>√</b>	
62.	MUTHU GANESAN R	<b>✓</b>	
63.	REMYGIOUS E		
64.	SHANMUGAPRIYA M	as a second	
65.	SURANDAR E	✓	
66.	SURYA T	<b>~</b>	
67.	THIYAGUR	<b>✓</b>	
68.	ABDULAJEES .A		✓
69.	ABDULLA .M		✓
70.	AJITH KUMAR .K		✓
71.	ANBUSELVI .A		✓
72.	ARPUTHA .M		· /

SL. NO	STUDENT NAME	CP1 Design of Wiring and Winding	EP2 Fundamentals of MATLAB
73.	ARUN KUMAR .A		<b>✓</b>
74.	AYATHULLAH HOMENI .N		<b>/</b>
75.	BHARATHI RAJA .M		. ✓
76.	BRINDHA SARATHI .C		
77.	CHANDHRU .M		
78.	DANIEL ADAIKALARAJ .L		✓
79.	DIVAN MYDEEN .M		<b>√</b>
80.	EDWIN .A		✓
81.	ELANGOVAN .R		<b>✓</b>
82.	HARISHANKAR .K		✓
83.	JAHABAR SADIQ .M		
84.	JEGAREEVAN .M		✓
85.	JEHOVAH .A		<b>✓</b>
86.	KABILAN .P		1
87.	KAJA MYDEEN .H		✓
88.	KALPANA .G		4
89.	KIRUTHIGA .R		<b>✓</b>
90.	KIRUTHIKA .R		✓
91.	KRISHNA KUMAR .B		<b>✓</b>
92.	MAHARIBATH NISHA .H		<b>√</b>
93.	MANIKANDAN .D		✓
94.	MANIKANDAN .K		✓
95.	MANOJ KUMAR .R		✓
96.	MARTIN RABHEL .C		✓
97.	MICHAEL JACKSON .J		<b>1</b>
98.	MOHAMED AZARUDEEN .A		~
99.	MOHAMED FAHAD .A		✓

SL. NO	STUDENT NAME	CP1 Design of Wiring and Winding	CP2 Fundamentals of MATLAB
100.	MOHAMED FAISAL .M		✓
101.	MOHAMED FURKHAN .N		1
102.	MOHAMED HAKKIM .M		<b>√</b>
103.	NAVEEN .S		1
104.	NIYAZ AHAMED .R		<b>✓</b>
105.	NIZAMDHEEN .M		<b>✓</b>
106.	PRAVEEN .I		✓
107.	PREETHI .E		. 🗸
108.	PRIYA .D		✓
109.	RAKESH R		✓
110.	RAMKUMAR .J		<b>√</b>
111.	RAMPRAKASH .M		✓ ·
112.	SALEEM KHAN .M		✓
113.	SANGEETHA .S		1
114.	SARAVANAN .M		<b>√</b>
115.	SATHISH .M		<b>✓</b>
116.	SRIDEVI .M		<b>✓</b>
117.	SUDHAKAR .K		✓
118.	SUNDAR .P		✓
119.	USHARANI .S		<b>~</b>
120.	VENKATESAN .K		/
121.	VINOTHINI .A	Anna - Anna Anna - Anna	<b>~</b>
122.	PRIYADHARSHINI.G		✓
123.	BALAMURALI K		✓
124.	GOVINDARAJ T S		✓
125.	MOHAMED WAHITH J		✓
126.	NAVEEN RAJ K		✓

SL. NO	STUDENT NAME	CP1 Design of Wiring and Winding	CP2 Fundamentals of MATLAB
127.	RAJESHSHARMA S		<b>✓</b>
128.	SURENDHAR P		✓

Course Coordinator

HADIEEE

Principal



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# DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING Value Added Course (IV Year – VII Semester)

Course Delivery

Name of the Course: Design of Wiring and Winding

Course Code: EE15162

Course Coordinator: Mr.D.Jayaraj., AP/EEE

Total Hours: 34

Academic Year: 2015-2016

SI.No	Topics to be Covered	Hours	Date of Delivery
1.	CONTROL OF THREE LAMPS		
2.	EMERGENCY ALARM CIRCUIT		
3.	STAIR CASE WIRING FOR G+N FLOORS		08.06.15
4.	SINGLE PHASE MOTOR WITH MAIN SWITCH		
5.	D.O.L STARTER	7	
6.	3 PHASE INDUCTION MOTOR WITH MAIN SWITCH		
7.	STAR/DELTA STARTER.		
8.	E.L.C.B	<b>-</b>	
9.	1 PHASE SERVICE CONNECTION		
10.	SIGN LAMP WITH A PROVISION OF FUSE		
11.	MINEATURE CIRCUIT BREAKER	7	00.06.15
12.	ELECTRONIC CHOCK 7		09.06.15
13.	TEST BOARD WITH NECESSARY ITEMS		
14.	TUNNEL WIRING		
15.	METHODS OF ELECTRICAL WIRING		
16.	TYPES OF ELECTRICAL WIRING SYSTEMS		10.06.15
17.	ADVANTAGES & DISADVANTAGES	7	10.00.1.)
18.	SINGLE PHASE ELECTRICAL INSTALLATION	_	

Sl.No	Topics to be Covered	Hours	Date of Delivery
19.	WIRING INSTALLATION IN HOME		
20.	WIRING INSTALLATION IN MULTI-STORY BUILDING.		
21.	MEGGER (OR) EARTH TESTER	·	
22.	INSULATION RESISTANCE TEST BETWEEN INSTALLATION AND EARTH		
23.	INSULATION RESISTANCE TEST BETWEEN		
23.	CONDUCTORS	7	11.06.15
24.	TESTING OF POLARITY		
25.	TESTING OF EARTH CONTINUITY PATHS		
26.	EARTH RESISTANCE TEST		
27.	TYPES OF EARTH		
28.	METHODES OF EARTH		
29.	MOTOR WINDING AND ITS TYPES		
30.	STATOR WINDING & ROTOR WINDING		
31.	LAP WINDING & WAVE WINDING	6	12.06.15
32.	NUMBER OF SLOTS AND NUMBER OF POLES		
33.	TESTING		
34.	END CONNECTIONS		

Course Coordinator

HoD/EEE

Principal



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# DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING Resource Person Details

	Resource Person Details	
Title of the program	Design of Wiring and Winding	
Course Code	EE15161	
Duration and timing of the program	34 Hrs, 9:30 AM to 5:00 PM	
Name of the resource person	D.Jayaraj	
Photo of the resource person		
Email address	jayaraj.d@miet.edu	
Contact number	88754543032	
Designation	Assistant Professor	
Educational qualification	<ul> <li>Completed B.Tech., Electrical and Electronics Engineering from SASTRA 2004-2007</li> <li>Completed M.E., Power Electronics and Drives from M.A.M. College of Engineering and Technology during 2010-2012.</li> </ul>	
Experience	➤ Teaching Experience – 13 Years.	



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### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING Certificate Course (IV Year – VII Semester)

Attendance Sheet

Name of the course: Design of Wiring and Winding

Course code: EE15161

Course coordinator: Mr.D.Jayaraj., AP/EEE

Academic Year: 2015-2016

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3.	ADAIKALA SAMY.A	1	1	1	1	7	1	1	1	)	1	1	1	1	1	1	,	1	1	j	1
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6.	AMUDHAN.S	1	1	1	1	,	1	1	1	, ,	1.	1	1	)	1	1	1	,	1	,	1
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PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

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SL.NO	STUDENT NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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12.	DEERAN.V	1	)	1	1	)	1	1	0	a.	a	0	0	a	a	0	0	a	0	a.	a
13.	DHIVYA.V	)	)	1	1	)	1	1	1	1	)	1	)	1	1	1	1	)	1	1	1
14.	DICKSON FERNANDAS.E	1.	)	1	1	1	1	,	1	1	1	)	)	)	,	1	)	1	1	1	1
15.	ELAKKIYA.M	,	)	1	I	7	1	,	1	- 1	1	)	1	1	1	a	a	a	CP	a	a
16.	JAYASRI.J	1	1	1	,	11	1	1	)	1	1	1	1	,	7	1	)	1	J	)	)
17.	JEYALAKSHMI.V	1	1	1	1	1	1	1	1	1	j	1	,	)	2	,	)	1	1	1	)
18.	JOHNSON.D	1	1	1	1	1	)	,	Í	1	1	,	)	1	)	,	1	2	,	11	1
19.	KARTHI.K	R	0	Ce	0	a	a	a	0	0	a	a	a	a	a	0	a	a	a	0	a
20.	KARTHIKEYAN.N	1	1	1	J	1	1	1	a		a	a	a	a	a	Ca	-	,	7	,	1
21.	KAUSAR RAZA.A	1	)	)	1	1	,	1	1	1	1	)	1	2	1	1	1	1	,	1	j
22.	MAHENDRAN.G	1	1	1	1	1	1	,	1	1	)	,	,	1	1	,	1	1	1	1	1
23.	MANIKANDAN.K	1	)	1	1	1	1	1	1	,	1	,	1	1	)	1	1	1	1	1	1
24.	MARXIA.R.M	1	1	1	1	1	1	,	1	1	)	,	1	1	)	1	1	,	1.	1	1
25.	MEENA.A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	)	1	)	1	1
26.	MOHAMED ABUDHAHIR.A	,	)	1	1	1	1	1	1	1	)	,	1	1	1	1	1	1	1	1	1
27.	MOHAMED ASARUDEEN,M	1	1	1	1	,	1	1	1	1	1	1	1	1	1	,	1	1	1	,	1
28.	MOHAMED AZARUDEEN.J	1	1	1	1	,	1	1	1	1	ij	,	)	,	1	1	1	1	1	1	
29.	MOHAMED FAHAD.P.M.N	1	1	1	1	,	1	1	1	1	1	7	1	1	,	1	1	1	,	1	
30.	MOHAMED RIYAS,A.J	1	1	1	2	1	1	,	1	1	Í	1	1	1	3	1	,	1	T	1	1
31.	MURALI KRISHNAN.K	1	1	1	1	1	9	1	1	1	1	1	1	1	1	1	1	1	)	,	1
32.	MUTHUSELVAGANESH.M	1	1	1	1	-	1	1	,	1	1	,	1	,	1	,	1	,	1	,	,

SL.NO	STUDENT NAME	1	-2	-3	4	5 -	6	7	8	9_	10	11-	12	13	14	15	-16		1	19	20
SE.NO	STODENT NAME	8/6	彩	13/6	13/6	8/6	96	3/6	12/	9/	%	The state of the s	26	9/6	96	华	17	12	12	101	1/6
33.	MUZAMIL KHAN.J	,	)	1	)	1	)	)	a	a	a		a	100	0	-1	1	1	1 1		, –
34.	PAVITHRA.S	,	1	1	1	1	1	1	1	)	,	1	)	1	1	1	1	)	)	1	1
35.	POTHUM PONNU.V	,	1)	1	1	1	1	11	,	١	3	,	1	1	1	1	1	1	,	1	1
36.	PRABHAKARAN.K	1	)	,	1	1	1		,	,	1	1	1	1	1	, }	1	1	1	1	7
37.	PRIYANKA.B	a	0	a	a	1	0	il		)	1	,	1	1	1	1	1	1	)	1	1
38.	RAMYA.G	1	)	1	1	1	1	1	1	1	1	,	1	1	)	1	,	1	,	1	,
39.	RAVICHANDIRAN.S	,	1	,	1	1	11	1	1	1	1	1	1	1	1	1	1	1	1	1	,
40.	RUSHI KESAVAN.M	1	1	1	1	1	1	,	1	)	1	1	1	1	)	1	1	1	1	1	,
41.	SERMA RAJA SANKAR.A	1	)	,	1	1 +	1	,	1	1	1	,	)	1	1	1	1	1	1	,	,
42.	SUBIKA.S	1	)	1	1	1	1	1	,	1	1	1	)	,	1	1	1	1	1	,	1
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16.	JAYASRI.J	1.	1	1	1	1	1	1	,	1	1	1	1	1	1
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25.	MEENA.A	1/1	,	1	Ti	1	1	,	1	1	1	,	,	1	j
26.	MOHAMED ABUDHAHIR.A	1	1	1	1	1	1	1	1	1	1	1	1	1	1
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30.	MOHAMED RIYAS.A.J	1	,	1	1	,	1	1	1	1	<i>-</i> /-	,	1	,	-
31.	MURALI KRISHNAN.K	1	1	1	1	-	1	1	1	Ĺ	1	1	1	1	1
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38.	RAMYA.G	1	,	1	<del>                                     </del>	,	,	1	1	,	Í	1	1	1	2
39.	RAVICHANDIRAN.S	1,	,	1	1	1	1	,	1	1	1	1	1	1	1
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D. S. Course Coordinator

HoD/EEE

all



# M.I.E.T.

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennal)
TRICHY - PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI - 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: - www.miet.edu

Ph: 0431 - 2660 303

# DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING Certificate Program Assessment Test

Name of the course: Design of Wiring and Winding

Course Code: EE15162

Date: 17.06.15 Time: 01:30 hrs

Academic Year: 2015-2016

## Answer All the Questions (5\*10=50)

- 1. Design and develop a staircase wiring for G+3 floors.
- 2. Draw the test board to check all the electrical power quality?
- 3. Draw the layout of wiring for home with five room facility.
- 4. Explain in detail about winding calculation of DC motors?
- 5. Discuss the type of electrical wiring.

Principal



(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
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Website: - www.miet.edu

Ph: 0431 - 2660 303

One-page Report

Name of the course: Design of Wiring and Winding'

Course Code: EE15161

Course Coordinator: Mr.D.Jayaraj., AP/EEE

**Total Hours: 34** 

Academic Year: 2015-2016

I hereby affirm that the entire course contents in the certificate program "Design of Wiring and Winding" listed in the course syllabus have been performed by the students as the part of the prescribed co – curricular activities through add on course by NAAC and NBA.

I confirmed that the certificate program title as "Design of Wiring and Winding" was done by me in the beginning of the semester and course delivery with attendance of the students were recorded.

I confirmed that all the students for this certificate program were actively attended and performed well throughout the duration and eligible students received the participation certificate.

Course Coordinator

HoD/EEE

Principal

	SUMME TO TO THE TOTAL TO STATE OF THE PARTY
	( M.I.E.T. ENGINEERING COLLEGE ST)
9	Trichy, Pudukkottai Road, Trichy - 620 007.
	Course Completion Certificate
	INSTITUTIONS Since 1984
	This is to Certify that Mr/Ms. J. MUZAMIL KHAN
	of <u>Final Year EFE</u> has Completed the Course on
	"Design of Wiring and Winding" from 08.06.2015 to 12.06.2015
3 4	Course Coordinator Hoc Principal
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6	MILET ENGINEERING COLLEGE STY	
	Trichy, Pudukkottai Road, Trichy - 620 007.  Course Completion Certificate	
H	INSTITUTIONS Since 1934	
6	This is to Certify that Mr/Ms. N. AJMAL KHAN  of Final Year EEE has Completed the Course on	
	of Final Year EEE has Completed the Course on  "Design of Wiring and Winding" from 08.06.2015 to 12.06.2015	
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Course Completion Certificate
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M.I.E.T. ENGINEERING COLLEGE Trichy, Pudukkottai Road, Trichy - 620 007.
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of <u>Final year EEE</u> has Completed the Course on
"Design of Wiring and Winding" from 08.06.2015 to 12.06.2015
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Course Completion Certificate INSTITUTIONS Since 1944
This is to Certify that Mr/Ms
of Final Year FEE has Completed the Course on "Design of Wiring and Winding" from 08.06.2015 to 12.06.2015
Course Coordinator



(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
TRICHY - PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI - 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: - www.miet.edu

Ph: 0431 - 2660 303

Date: 01.06.15

To

The Principal

M.I.E.T Engineering College,

Trichy - 620007

Respected Sir,

Sub: Permission to conduct the certificate program - Reg...

We have planned to conduct the value added course for our third year students from 08-06-2015 to 12-06-2015 at 09.30 am to 05.00 pm.

Name of the Certificate Program	Course Coordinator
Fundamentals of Matlab	Ms.B.Muthuselvi, AP/EEE

So kindly give us permission to conduct the certificate program and to utilize the facility.

Thanking you

Course Coordinator

HODEEE



(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
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Website: - www.miet.edu

Ph: 0431 - 2660 303

02.06.2015

## CIRCULAR

Sub: Certificate Program

It is planned to conduct the certificate program for the third year Electrical and Electronics Engineering students.

The certificate program is short term certificate courses which are designed and offered by our department for the benefit of our students. Certificate program will be conducted at free of cost and based on the performance of the participated students, the merit certificate will be issued after the successful completion of the course.

Students those who are willing to attend the below mentioned course can enroll their name to the course coordinator.

Name of the Certificate Program	Course Coordinator	
Fundamentals of MATLAB	Ms.B.Muthuselvi., AP/EEE	
Commencement of course fro	m 08-06-2015 to 12-06-2015	
Time: 09.30 AN		

Course Coordinator

HODEEE

Principal

# M.I.E.T ENGINEERING COLLEGE, TRICHY - 7.

# DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Certificate Course (III Year - V Semester)

### Course Syllabus

Name of the course: Fundamentals of MATLAB

Course Code: EE15162

Course Coordinator: Mrs.B.Muthuselvi., AP/EEE

Total Hours: 32

Academic Year: 2015 - 2016

Objective

Understanding the MATLAB environment

Being able to do simple calculations using MATLAB

Being able to carry out simple numerical computations and analyses using MATLAB

## Unit I - Introduction to MATLAB

7

Brief Introduction - Installation of MATLAB - History - Use of MATLAB - key features s

### Unit II - MATLAB basics

7

The MATLAB environment - Basic computer programming - Variables and constants, operators and simple calculations - Formulas and functions - MATLAB toolboxes

#### Unit III -MATLAB software

6

Introduction to MATLAB software - MATLAB window - Command Window - Work space - Basic commands - Assigning variables - Operation of Variables

### Unit IV - MATLAB Simulink

6

Introduction of Simulink - Simulink Environment & Interface - Study of library - Circuit oriented design - Equation oriented design - Model - Subsystem Design - Application.

# Unit V - MATLAB Programming

6

Automated commands with scripts - writing programs with logic and flow control -writing functions - control statement programming - conditional statement programming

#### Course Outcome

The students will be able to

- Understand the main features of the MATLAB development environment
- . Use the MATLAB GUI effectively
- Design simple algorithms to solve problems
- Write simple programs in MATLAB to solve scientific and mathematical problems

### References

These are some of the links and books which can help students in increasing their knowledge base and clarification of the doubts.

- [1] http://www.eng-tips.com/threadminder.cfm?pid=575
- [2] http://www.matlabtutorials.com/mathforum/
- [3] http://www.mathworks.in/matlabcentral/
- [4] http://www.cfd-online.com/Forums/tags/matlab.html
- [5] http://diydrones.com/forum/topic/listForTag?tag=Matlab

Course Coordinator

HAVEEL

Principal



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Website: - www.miet.edu

Ph: 0431 - 2660 303

# DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING Willing Student List

CP1 Coordinator: D.Jayaraj., AP/EEE
CP2 Coordinator: B.Muthuselvi., AP/EEE

Academic Year: 2015-2016

SL. NO	STUDENT NAME	CP1 Design of Wiring and Winding	CP2 Fundamentals of MATLAB
1.	AATIF ABDUL KANI.S	✓ ·	
2.	ABDUL HAMEED.P.M	✓	
3.	ADAIKALA SAMY.A	<b>✓</b>	
4.	AHAMED ZAHEER.Z	✓	
5.	AJMAL KHAN.N	✓	The state of the s
6.	AMUDHAN.S	<b>✓</b>	
7.	ARSHATH AHMED.H	<b>✓</b>	[3
8.	ARUN.A	<b>✓</b>	
9.	AZARUDEEN.S	✓	
10.	BALAMURUGAN.S	✓	
11.	BHARANIDHARAN.M	✓	
12.	DEERAN.V	✓	
13.	DHIVYA.V	<b>✓</b>	
14.	DICKSON FERNANDAS.E	<b>✓</b>	
15.	ELAKKIYA.M	✓	
16.	JAYASRI.J	<b>✓</b>	
17.	JEYALAKSHMI.V	<b>~</b>	*
18.	JOHNSON.D	<b>✓</b>	
19.	KARTHI.K	✓	



SL. NO	STUDENT NAME	CP1 Design of Wiring and Winding	CP2 Fundamentals of MATLAB
20.	KARTHIKEYAN.N	<b>✓</b>	
21.	KAUSAR RAZA.A	<b>✓</b>	
22.	MAHENDRAN.G	<b>✓</b>	
23.	MANIKANDAN.K	<b>✓</b>	The state of the s
24.	MARXIA.R.M	✓	
25.	MEENA.A	✓ ·	
26.	MOHAMED ABUDHAHIR.A	✓	
27.	MOHAMED ASARUDEEN.M	<b>✓</b>	
28.	MOHAMED AZARUDEEN.J	✓	The second secon
29.	MOHAMED FAHAD.P.M.N	✓	
30.	MOHAMED MUHSIN.Y		and the second s
31.	MOHAMED RIYAS.A.J		The second secon
32.	MOHAMED SHABIR.M	-	
33.	MOHAMMED ABDULLAH.A		
34.	MURALI KRISHNAN.K	. 🗸	
35.	MUTHUSELVAGANESH.M	<b>V</b>	**************************************
36.	MUZAMIL KHAN.J	<b>✓</b>	
37.	PAVITHRA.S	1	
38.	POTHUM PONNU.V	<b>✓</b>	
39.	PRABHAKARAN.K	✓	
40.	PRIYANKA.B	✓.	
41.	RAMYA.G	✓ ·	
42.	RAVICHANDIRAN.S	✓ ·	
43.	RUSHI KESAVAN.M	· /	
44.	SERMA RAJA SANKAR.A	✓	
45.	SHAHUL HAMEED.A		
46.	SUBIKA.S	✓ .	

SL. NO	STUDENT NAME	CP1 Design of Wiring and Winding	CP2 Fundamentals of MATLAB
47.	SUDHAKAR.P	· ·	
48.	THIRUNAVUKKARASU.S	<b>✓</b>	
49.	VENKADESAN.R	✓	
50.	VIGNESH.D	· ·	
51.	VIGNESH.V	<b>√</b>	
52.	ADHIMOOLAM V	<b>✓</b>	
53.	ARULMANI V	✓	
54.	AZARABALI K	✓	
55.	DINESH KUMAR K	✓	
56.	KAVISURYA A	✓	
57.	KRISHNARAJA M		
58.	KUMARAVEL RAJA C	✓ ·	The state of the s
59.	MOHAMED HARISH AKRAM T M		
60.	MOHAMMED BELAL T	✓	
61.	MOHAMMEDU N	✓	
62.	MUTHU GANESAN R	✓	
63.	REMYGIOUS E		
64.	SHANMUGAPRIYA M		
65.	SURANDAR E	<b>✓</b>	
66.	SURYA T	✓	•
67.	THIYAGUR	<b>✓</b>	
68.	ABDULAJEES .A		<b>√</b> ,
69.	ABDULLA .M		<b>✓</b>
70.	AJITH KUMAR .K		✓ ·
71.	ANBUSELVI .A		✓
72.	ARPUTHA .M	6	✓



SL. NO	STUDENT NAME	CP1 Design of Wiring and Winding	CP2 Fundamentals of MATLAB
73.	ARUN KUMAR .A		<b>✓</b>
74.	AYATHULLAH HOMENI .N		<b>/</b>
75.	BHARATHI RAJA .M		✓
76.	BRINDHA SARATHI .C		<b>√</b> •
77.	CHANDHRU .M		
78.	DANIEL ADAIKALARAJ .L		<b>✓</b>
79.	DIVAN MYDEEN .M		/
80.	EDWIN .A		✓
81.	ELANGOVAN .R		✓
82.	HARISHANKAR .K		✓
83.	JAHABAR SADIQ .M		· ·
84.	JEGAREEVAN .M		✓
85.	JEHOVAH .A		<b>√</b>
86.	KABILAN .P		<b>✓</b>
87.	KAJA MYDEEN .H		✓
88.	KALPANA .G		✓
89.	KIRUTHIGA .R		· /
90.	KIRUTHIKA .R		. 🗸
91.	KRISHNA KUMAR .B		<b>/</b>
92.	MAHARIBATH NISHA .H		✓
93.	MANIKANDAN .D		-/
94.	MANIKANDAN .K		1
95.	MANOJ KUMAR .R		✓
96.	MARTIN RABHEL .C		· /
97.	MICHAEL JACKSON .J		1
98.	MOHAMED AZARUDEEN .A		1
99.	MOHAMED FAHAD .A		<b>✓</b>

SL. NO	STUDENT NAME	CP1 Design of Wiring and Winding	CP2 Fundamentals of MATLAB
100.	MOHAMED FAISAL .M		<b>✓</b>
101.	MOHAMED FURKHAN .N		1
102.	MOHAMED HAKKIM .M		4
103.	NAVEEN .S		· /
104.	NIYAZ AHAMED .R		· /
105.	NIZAMDHEEN .M		<b>✓</b>
106.	PRAVEEN .I		✓
107.	PREETHI .E		✓ .
108.	PRIYA .D		√ ·
109.	RAKESH R	# Parket	<b>√</b>
110.	RAMKUMARJ		<b>√</b>
111.	RAMPRAKASH .M		✓
112.	SALEEM KHAN .M		✓
113.	SANGEETHA .S		~
114.	SARAVANAN .M		<b>~</b>
115.	SATHISH .M		<b>V</b>
116.	SRIDEVI .M		· /
117.	SUDHAKAR .K		✓ ·
118.	SUNDAR .P		<b>✓</b>
119.	USHARANI .S		✓
120.	VENKATESAN .K		✓
121.	VINOTHINI .A		<b>✓</b>
122.	PRIYADHARSHINI.G		<b>✓</b>
123.	BALAMURALI K		<b>✓</b>
124.	GOVINDARAJ T S		1
125.	MOHAMED WAHITH J		~
126.	NAVEEN RAJ K		<b>✓</b>

SL. NO	STUDENT NAME	CP1 Design of Wiring and Winding	CP2 Fundamentals of MATLAB
127.	RAJESHSHARMA S		✓
128.	SURENDHAR P		1

Course Coordinator

Principal



(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
TRICHY - PUDUKKOTTAL ROAD, TIRUCHIRAPPALLI - 620 007.
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Ph: 0431 - 2660 303

# DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING Value Added Course (III Year - V Semester)

Course Delivery

Name of the Course: Fundamentals of MATLAB

Course Code: EE15162

Course Coordinator: Ms.B.Muthuselvi., AP/EEE

Total Hours: 32

Academic Year: 2015-2016

SI.No	Topics to be Covered	Hours	Date of Delivery
1.	BriefIntroduction		
2.	Installation of MATLAB		7
3.	History of MATLAB		
4.	Use of MATLAB	7	08.06.15
5.	Key features of MATLAB		
6.	Mathematical Functions	i	
7.	The MATLAB environment		
8.	Basic computer programming		
9.	Variables and constants		00.06.15
10.	operators and simple calculations	7	09.06.15
11.	Formulas and functions		
12.	MATLAB toolboxes		
13.	Introduction to MATLAB software		
14.	MATLAB window		
15.	Command Window		=
16.	Work space	6	10.06.15
17.	Basic commands		
18.	Assigning variables		
19.	Operation of Variables		



SI.No	Topics to be Covered	Hours	Date of Delivery
20.	Introduction of Simulink -		
21.	Simulink Environment & Interface		
22.	Study of library		
23.	Circuit oriented design		
24.	Equation oriented design		
25.	Model Design		11.0615
26.	Subsystem	6	11.06.15
27.	Application		
28.	Automated commands with scripts		
29.	writing programs with logic and flow control		
30.	Writing functions		
31.	Control statement programming	6	12.06.15
32.	Control statement programming		
33.	Conditional statement programming.		
34.	Conditional statement programming		5

Course Coordinator

HoD/EEE

Principal



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Ph: 0431 - 2660 303

# DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING Resource Person Details

	Resource Person Details
Title of the program	Fundmentals of MATLAB
Course Code	EE15162
Duration and fiming of the program	34 Hrs, 9:30 AM to 5:00 PM
Name of the resource person	B.Muthuselvi
Photo of the resource person	
Email address	muthuselvi.b@miet.edu
Contact number	9600398300
Designation	Assistant Professor
Educational qualification	<ul> <li>Completed B.E., Electrical and Electronics         Engineering from J.J. College of Engineering and         Technology during 2002-2005.</li> <li>Completed M.E., Power Electronics and Drives from         J.J. College of Engineering and Technology during         2009-2012.</li> </ul>
Experience	➤ Teaching Experience – 15 Years.



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Ph: 0431 - 2660 303

#### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING Certificate Course (III Year - V Semester) Attendance Sheet

Name of the course: Fundamentals of MATLAB

Course Code: EE15162

Course Coordinator: Mrs.B.Muthuselvi., AP/EEE Academic Year: 2015-2016

idemic r	ear: 2015-2016																				
CT NO	CTTTDENED NO AND	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SL.NO	STUDENT NAME	8/1	8/6	8/6	8/6	3/4	8/6	8/6	9/6	9/6	%	%	9/6	9/6	9/6	19%	10/6	10/6	196	10/6	19
1.	ABDULAJEES .A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2.	ABDULLA .M	1	1	1	,	1	1	1	1	1	,	1	1	1	1	1	1	1	a	a	0
3,	AJITH KUMAR .K	1	1	1	1	1	1	1	1	1	1	1	a	a	a	1	1	1	7	1	,
4.	ANBUSELVI .A	1	1	1	1	a	a	a	1	,	1	1	1	1	1	1	1	1	1	1	,
5.	ARPUTHA .M	1	1	1	,	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6.	ARUN KUMAR .A	1	/	1	1	1	1	1	a	a	a	a	1	1	1	a	a	a	1	,	
7.	AYATHULLAH HOMENI .N	1	1	1	1	1	1	1	1	,	,	1	1	1	1	1	1	1	1	1	
8.	BHARATHI RAJA .M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
9.	BRINDHA SARATHI .C	1	,	1	1	1	1	1	1	1	1	,	1	1	1	1	/	1	1	./	7
10.	DANIEL ADAIKALARAJ "L	a	a	a	a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11.	DIVAN MYDEEN .M	1	1	1	,	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12.	EDWIN ,A	1	,	,	1	1	1	1	1	1	1	1	,	,	1	,	1	,	,	1	-

ar 210		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SL.NO	STUDENT NAME	8/6	%	8/6	2/6	3/6	3/6	8/1	9/6	1/6	76	9/6	1/6	9/6	9/6	19/6	10/6	10%	19/6	10/6	10/6
13.	ELANGOVAN .R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14.	HARISHANKAR .K	1	1	1	,	1	1	,	1	1	1	1	1	1	1	1	1	1	,	1	1
15.	JAHABAR SADIQ .M	1	,	1	1	1	1	_	à	a	a	a	1	1	1	1	,	,	1	1	1
16.	JEGAREEVAN .M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17.	JEHOVAH .A	1	1	1	1	,	1	1	1	1	1	1	,	1	1	1	1	,	1	1	1
18.	KABILAN .P	1	1	1	1	,	1	1	1	1	1	1	a	a	a	1	1	,	1	1	1
19.	KAJA MYDEEN .H	1	,	1	1	,	1	1	1	1	1	1	1	1	,	1	1	,	1	1	1
20.	KALPANA .G	1	1	1	1	1	1	1	1	1	1	1	1	1	1	a	a	a	1	1	1
21.	KIRUTHIGA .R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	,	1	/	1	1
22.	KIRUTHIKA .R	1	,	1	1	1	,	1	1	1	1	1	1	1	1	1	,	1	1	1	,
23.	KRISHNA KUMAR .B	1	1	1	,	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24.	MAHARIBATH NISHA .H	a	a	a	a	1	,	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25.	MANIKANDAN .D	1	,	,	1	1	1	1	1	1	1	1	/	1	1	1	1	1	1	,	1
26.	MANIKANDAN .K	,	1	1	1	1	,	1	1	1	1	1	1	1	1	1	1	1	1	a	a
27.	MANOJ KUMAR .R	1	,	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	,	1	1
28.	MARTIN RABHEL .C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29.	MICHAEL JACKSON .J	1	,	1	1	a	a	a	1	1	1	1	1	1	1	1	1	,	1	1	1
30.	MOHAMED AZARUDEEN .A	1	1	,	,	1	1	1	1	1	1	1	1	1	1	1	1	,	,	1	1
31.	MOHAMED FAHAD .A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
32.	MOHAMED FAISAL .M	1	1	1	,	1	1	1	1	1	1	1	1	1	1	1	1	1	,	1	,
33.	MOHAMED FURKHAN .N	1	1	1	1	1	/	1	1	1	1	1	1	1	1	1	1	,	1	1	1

SL.NO	STUDENT NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SL.NO	STUDENT NAME	8/6	8/6	8/6	3/6	3/6	8/6	3/6	94	96	V6	%	9/6	%	9/6	19/6	19%	10%	1%	19/6	10/6
34.	MOHAMED HAKKIM .M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
35.	NAVEEN .S	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
36.	NIYAZ AHAMED .R	1	1	1	1	a	a	a	1	1	1	1	1	7	1	1	1	1	,	1	1
37.	NIZAMDHEEN .M	1	1	1	1	,	1	1	1	1	1	1	1	1	1	1	1	,	1	1	1
38.	PRAVEEN .1	1	1	1	1	,	/	1	1	1	1	1	1	1	1	a	a	a	1	1	1
39.	PREETHI .E	a	a	a	a	1	1	1	1	1	,	1	1	1	1	1	1	1	,	1	,
40.	PRIYA .D	1	,	1	1	1	1	1	a	a	a	a	1	1	1	1	1	1	a	a	a
41.	RAKESH R	1	1	1	1	1	,	1	1	1	1	1	1	1	1	1	1	1	1	1	1
42.	RAMKUMAR J	1	1	1	1	1	1	1	1	1	1	,	1	i	1	1	1	1	1	1	1
43.	RAMPRAKASH .M	1	1	1	1	1	1	1	1	1	1	1	a	a	a	1	1	1	1	1	1
44.	SALEEM KHAN .M	1	1	1	1	1	1	1	1	1	,	1	1	1	1	1	1	1	1	1	1
45.	SANGEETHA .S	1	1	1	1	1	1	1	1	,	1	1	1	1	1	,	1	1	1	1	1
46.	SARAVANAN .M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
47.	SATHISH .M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
48.	SRIDEVI .M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
49.	SUDHAKAR .K	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
50.	SUNDAR .P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
51.	USHARANI .S	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	,
52.	VENKATESAN .K.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
53.	VINOTHINI .A	1	1	1	1	1	1	1	7	1	1	1	1	1	1	1	1	1	1	1	1
54.	PRIYADHARSHINI.G	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

CT NO	CTUDENT NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SL.NO	STUDENT NAME	8/6	2/6	8/6	5/6	3/1	3/6	8/6	9/6	9/6	9/6	%	9/6	9/6	%	10/6	19/6	10%	10/6	19/6	10/
55.	BALAMURALIK	1	,	1	1	1	1	1	1	1	1	1	a	a	a	1	1	1	ac	a	a
56.	GOVINDARAJ T S	1	,	1	1	a	a	a	1	1	1	1	,	1	1	1	1	1	1	1	1
57.	MOHAMED WAHITH J	a	a	a	a	1	1	1	1	1	1	1	1	,	1	,	1	1	,	1	1
58.	NAVEEN RAJK	1	1	1	,	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	,
59.	RAJESHSHARMA S	1	,	,	1	,	1	,	a	a	a	4	1	1	1	1	1	1	1	1	1
. 60.	SURENDHAR P	,	,	Ī.	,	,	,	,	1	,	1	1	,	,	1	a	a	a	,	,	1

SL.	STUDENT NAME	21	22	23	24	25	26	27	28	29	30	31	32
NO	STODENT NAME	11/6	11/6	11/6	11/6	11/6	11/6	12/6	12/6	12/6	12/6	12/4	12/
1.	ABDULAJEES .A	1	1	1	1	1	1	a	a	a	1	1	1
2.	ABDULLA .M	1	1	1	1	1	1	,	1	,	1	1	1
3.	AJITH KUMAR .K	1	1	1	,	1	1	,	1	1	1	1	1
4.	ANBUSELVI .A	1	1	1	,	1	1	,	1	1	,	1	1
5.	ARPUTHA .M	a	a	a	gi.	1	1	1	1	1	a	a	a
6.	ARUN KUMAR .A	1	1	1	a	a	a	1	1	1	1	1	1
7.	AYATHULLAH HOMENI .N	1	1	,	1	1	,	,	1	1	,	,	,
8.	BHARATHI RAJA .M	1	1	1	,	1	1	1	1	1		1	1
9.	BRINDHA SARATHI .C	1	1	1	1	,	1	,	1	,	1	1	1
10.	DANIEL ADAIKALARAJ .L	1	,	,	1	-	,	1	1	1	1	,	1
11.	DIVAN MYDEEN .M	1	,	,	1	1	1	1	1	1	1	1	1
12.	EDWIN .A	1	1	1	,	1	,	1	1	1	1	,	1
13.	ELANGOVAN .R	1	1	1	1	1	1	1	1	1	1	,	1
14.	HARISHANKAR .K	1	1	1	1	1	1	1	1	1	1	1	1
15.	JAHABAR SADIQ .M	1	1	1	1	1	1	,	1	,	1	1	1
16.	JEGAREEVAN .M	1	1	- ,	1	1	1	1	1	1	,	1	1
17.	JEHOVAH .A	1	1	1	,	1	1	1	1	1	1	1	1
18.	KABILAN .P	1	1	1	,	1	1	,	,	1	1	,	1
19.	KAJA MYDEEN .H	1	1	1	1	,	1.	1	1	1	,	1	1
20.	KALPANA .G	1	,	1	,	1	1	-	,	1			1

SL.	STUDENT NAME	21	22	23	24	25	26	27	28	29	30	31	32
NO	STODENT NAME	11/6	11/6	11/6	1/6	11/6	1/6	12/6	12/6	12/6	12/6	12/2	12/4
21.	KIRUTHIGA .R	1	1	1	1	1	1	a	a	a	1	1	1
22.	KIRUTHIKA .R	1	1	1	1	1	1	1	1	1	1	1	1
23.	KRISHNA KUMAR .B	1	1	1	1	1	1	1	1	1	1	1	1
24.	MAHARIBATH NISHA .H	1	1	1	1	1	1	1	1	1	1	1	1
25.	MANIKANDAN .D	1	1	1	1	1	1	1	-	1	1	1	1
26.	MANIKANDAN .K		1	1	1	1	1	1	1	1	1	1	1
27.	MANOJ KUMAR .R	1	1	1	1	1	1	1	1	1	1	1	1
28.	MARTIN RABHEL .C	1	1	1	1	1	1	1	1	1	1	1	1
29.	MICHAEL JACKSON .J	1	,	1	1	1	1	,	1	1	1	1	1
30.	MOHAMED AZARUDEEN .A	a	a	a	1	1	1	1	1	1	1	1	1
31.	MOHAMED FAHAD .A	1	1	1	1	1	1	/	1	1	1	1	1
32.	MOHAMED FAISAL .M	1	1	1	1	1	1	1	1	1	1	1	1
33.	MOHAMED FURKHAN .N	1	,	1	1	1	1	1	,	1	1	1	1
34.	MOHAMED HAKKIM .M	1	1	1	1	1	1	1	1	1	1	1	1
35.	NAVEEN .S	1	1	1	1	1	1	1	1	1	a	a	a
36.	NIYAZ AHAMED .R	1	1	1	1	1	1.	1	1	1	1	1	
37.	NIZAMDHEEN ,M	1	1	1	1	1	1	1	1	1	1	1	1
38.	PRAVEEN J	1	1	1	1	1	1	,	1	1	1	1	1
39.	PREETHI .E	1	1	1	a	a	a	1	,	1	,	1	1
40.	FRIYA .D	1	1	1	1	1	,	1	1	1	1	1	1
41.	PAKESH R	,	1	1	1	,	,	1	1	1	1	,	1

SL.	STUDENT NAME	21	22	23	24	25	26	27	28	29	30	31	32
NO	STODENT NAME	11/6	11/6	11/6	11/6	11/3	11/6	12/6	12/6	12/1	12/6	12/6	12/4
42.	RAMKUMAR "J	-	1	1	1	1	1	1	1	1	1	1	1
43.	RAMPRAKASH .M	-	1	-	,	1	,	1	1	,	1	1	1
44.	SALEEM KHAN .M	-	1	-	1	1	,	a	a	a	1	1	,
45.	SANGEETHA .S	/	1		1	1	1	1	,	1	1	,	1
46.	SARAVANAN .M	a	a	a	1.	1	,	,	1	,	,	1	1
47.	SATHISH .M		1	1	1	1	1	1	1	,	1	1	1
48.	SRIDEVI .M	-	1	,	-1	1	1	1	1	1	,	1	1
49.	SUDHAKAR .K		1	,	1	1	1	1	1	1	,	1	1
50.	SUNDAR .P		1	,	1	,	1	,	1	,	,	1	1
51.	USHARANI .S	/	1	,	a	a	a	1	,	1	1	1	1
52.	VENKATESAN .K	-	1	1	1	1	,	1	1	,	,	-,	1
53.	VINOTHINI .A	-	1	1	,	1	1	,	1	,	1	,	1
54.	PRIYADHARSHINI.G	-	1	1	1	1	1	1	-	1	a	a	a
55.	BALAMURALI K	-	1	1	1	1	,	1	,	1	,	1	1
56.	GOVINDARAJ T S	1	1	1	1	1	1	1	1	,	,	,	1
57.	MOHAMED WAHITH J	1	1	1	1	,	1	1	,	1	1	7	1
58.	NAVEEN RAJ K		-	1	1	1	,	,	,	1	1	1	1
59.	RAJESHSHARMA S		1	11	1	1	,	,	1	,	1	1	-
60.	SURENDHAR P		11	1	,	-,	,	-	,	1		-	-

Course

HoD/EEE



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### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING Certificate Program Assessment Test

Name of the course: Fundamentals of MATLAB

Course Code: EE17181 Academic Year: 2015-2016 Date: 17.06.15

Time: 01:30 hrs

### Answer All the Questions (5\*10=50)

- 1. Enumerate the features of MATLAB and utilization in various disciplines of engineering with example.
- 2. What is the use POWERGUI and do the AND as well OR operations?
- 3. Explain the use of workspace and write basic commands with detail.
- 4. What is subsystem and develop a solar subsystem wit IV measurement?

5. Develop the open loop control for boost converter operation.

Course Coordinator

HoD/EEE

Principal



(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennal)
TRICHY - PUDUKKOTTAL ROAD, TIRUCHIRAPPALLI - 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: - www.miet.edu

Ph: 0431 - 2660 303

One-page Report

Name of the course: Fundamentals of MATLAB

Course Code: EE15162

Course Coordinator: Mrs.B.Muthuselvi., AP/EEE

Total Hours: 34

Academic Year: 2015-2016

I hereby affirm that the entire course contents in the certificate program "Fundamentals of MATLAB" listed in the course syllabus have been performed by the students as the part of the prescribed co-curricular activities through add on course by NAAC and NBA.

I confirmed that the certificate program title as "Fundamentals of MATLAB" was done by me in the beginning of the semester and course delivery with attendance of the students was recorded.

I confirmed that all the students for this certificate program were actively attended and performed well throughout the duration and eligible students received the participation certificate.

Course Coordinator

HoD/EEE

Principal

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This is to Certify that Mr/Ms. A. Mohamed Fahad.  of III Year EEB has Completed the Course on
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This is to Certify that Mr/Ms. R. Elagovan  of Third Year EEE has Completed the Course on
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This is to Certify that Mr/Ms. C. Brindha Sanathi  of Third Year EEE has Completed the Course on
Fundamentals of Matlab from 08-06-15 to 15-06-15
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