



#### **BOS-MINUTES OF MEETING**

Friday, June 1st 2018.

The BOS Meeting of Ramachandra College of Engineering, Eluru is held at the Secretary's chamber at 02.00PM on June 1<sup>st</sup>, 2018.

### **AGENDA:**

- 1. To plan the Certificate Programs to be handled for A.Y 2018-19.
- 2. To Plan the Add on Programs to be handled for A.Y 2018-19.
- 3. To Plan the Value Added Courses to be handled for A.Y 2018-19.

### The Following points has been discussed and resolved:

1. As per Discussions made the following are the Certification Programs to be undertaken in this Academic year by the respective Departments

S.no	Name of the Certification Program	Department to be Organised
1	AMCAT Training Program - CIVIL	Civil Engineering
2		Electrical and Electronics
	AMCAT Training Program - EEE	Engineering
3	Skill Based Practicle Approach on MATLAB-	Electrical and Electronics
3	Programming	Engineering
4	Computer Numerical Control Turning under	
4	PMKVY Scheme	Mechanical Engineering
5	Lathe Operator under PMKVY Scheme	Mechanical Engineering
6	AMCAT Training Program - Mechanical	Mechanical Engineering
7		Electronics and
/	TV Repair Technician Under PMKVY Scheme	Communication Engineering
0	Skill Based Practical Approach on MATLAB-	Electronics and
8	<b>Programming</b>	Communication Engineering
9		Electronics and
9	AMCAT Training Program - ECE	Communication Engineering
10	Domestic Data Entry Operator under PMKVY	Computer Science and
10	Scheme	Engineering
11	NPTEL Certification on Problem Solving through	Computer Science and
11	Programming in C	Engineering
12	NDTEL Cartification on Drogramming in Lava	Computer Science and
12	NPTEL Certification on Programming in Java	Engineering
13		Computer Science and
13	AMCAT Training Program - CSE	Engineering
14		Master of Business
14	Financial Institutions and Markets	Administration

- 2. As per Discussions made the Add on Programs to be undertaken in this Academic year by the respective Departments and should be planned accordingly by the respective HOD's
- 3. As per Discussions made the following are the Value Added Courses to be undertaken in this Academic year by the respective Departments

S.no	Name of the Certification Program	Course Code	Department to be Organised
1	Bridge Course	BC001	Common to CIVIL, EEE,ECE,Mechanical,CSE
2	Course on Communication Skill and Personality Development_Module-1 (For Second Year Students)	CS003_1	Common to CIVIL, EEE,ECE,Mechanical,CSE
3	Course on Communication Skill and Personality Development_Module-2 ( For Third Year Students)	CS003_2	Common to CIVIL, EEE,ECE,Mechanical,CSE
4	Course on Communication Skill and Personality Development_Module-3 ( For Fourth Year Students)	CS003_3	Common to CIVIL, EEE,ECE,Mechanical,CSE
5	Yoga and Meditation	YM004	Common to CIVIL, EEE,ECE,Mechanical,CSE,MBA
6	Entrepreneurship Development Program	EDP005	Department of Electrical and Electronics Engineering
7	Making and Maintenance of Electrical Appliances	MMEA006	Department of Electrical and Electronics Engineering
8	SOLID WORKS	SW007	Department of Mechanical Engineering
9	CNC Turning and Milling	CNCTM008	Department of Mechanical Engineering
10	Printed Circuit Board Design and Fabrication	PCBF009	Department of Electronics and Communication Engineering
11	JAVA Programming	JP0010	Department of Electronics and Communication Engineering
12	Building Blocks of JAVA	BBJ0011	Department of Computer Science Engineering
13	Web Technology	WT0012	Department of Computer Science Engineering
14	British Council English Communication Skills Program	OPT_GE_AP_NT	Common to CIVIL, EEE,ECE,Mechanical,CSE

## The Members Present at the Meeting are:

S.no	Representatives	Name of Board Member	Designation
1	Member of Society	Sri K Venugopal	Secretary
2	JNTUK, University	Dr.P.SubbaRao	Member
	Nominee		
3.	Representative from	Mr.K.Chandra Kaladhara	Member
	Industry	Rao, ADE, Stage	
		IV,VTPS,Vijayawada	
4.	Principal	Dr.Dola Sanjay	Member
5.	Vice Principal	Dr.Jagan Mohan Rao	Member
6.	Academic Co-ordinator	Mr.Patcha Khan	Member
7.	HOD-CIVIL	Mr.Satyanarayana	Member
8.	HOD-EEE	Prof.S.Jayalakshmi	Member
9.	HOD-MECHANICAL	Dr.VaraPrasad	Member
10.	HOD-ECE	Dr. Yedukondalu	Member
11.	HOD-CSE	Dr.G.Srinivasa Rao	Member







#### **CIRCULAR**

**Ref: RCE/PO/2018-19/CERTIFICATION PROGRAMS** 

This is to inform to all the Departments that as per the discussions made in the BOG – Meeting the following are the certification Programs to be organised by the respective Departments for Academic Year: 2018-19.

S.no	Name of the Certification Program	Department to be Organised
1	AMCAT Training Program - CIVIL	Civil Engineering
2		Electrical and Electronics
	AMCAT Training Program - EEE	Engineering
3	Skill Based Practical Approach on MATLAB-	Electrical and Electronics
3	Programming	Engineering
4	Computer Numerical Control Turning under	
4	PMKVY Scheme	Mechanical Engineering
5	Lathe Operator under PMKVY Scheme	Mechanical Engineering
6	AMCAT Training Program - Mechanical	Mechanical Engineering
7		Electronics and
/	TV Repair Technician Under PMKVY Scheme	Communication Engineering
8	Skill Based Practical Approach on MATLAB-	Electronics and
0	Programming	Communication Engineering
9		Electronics and
9	AMCAT Training Program - ECE	Communication Engineering
10	Domestic Data Entry Operator under PMKVY	Computer Science and
10	Scheme	Engineering
11	NPTEL Certification on Problem Solving through	Computer Science and
11	Programming in C	Engineering
12		Computer Science and
12	NPTEL Certification on Programming in Java	Engineering
13		Computer Science and
13	AMCAT Training Program - CSE	Engineering
14		Master of Business
14	Financial Institutions and Markets	Administration

Copy to: The Chairman, Secretary and Correspondent, Principal, Vice-Principal, All Deans, All HoDs and Academic Coordinators, AO, Exams Section, TPO, PD, Library.



Date: 11-06-2018



## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING CIRCULAR

Date: 19-06-2018

Ref: RCEE/EEE/CP/2018-19/001/MATLAB PROGRAMMING

All the Faculty and Students are here by informed that Certificate Program on **Skill Based Practical Approach on MATLAB – Programming** is going to be held from **22-06-2018** to **29-09-2018** a Three Hour Session on Every Saturday at Electrical Simulation Lab in the Department of EEE all the second year and Third Year Students who are interested are intimated to be part of it and avail the Opportunity.

Copy to: The Chairman, Secretary and Correspondent, Principal, Vice-Principal, All Deans, All HoDs and Academic Coordinators, AO, Exams Section, TPO, PD, Library, Transport.

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#### **CHIEF PATRON**

Sri.Ghanta Sri Ramachandra Rao, Chairman Sri. K. VenuGopal, Secretary

Smt.K.Rama VenuGopal, correspondent

#### **PATRON**

Dr.Dola Sanjay, M.Tech,Ph.D Principal

#### **CONVENER**

Prof. S. Jaya Lakshmi HOD, Department of EEE email:eeehod@rcee.ac.in

#### **CO-ORDINATOR**

Mr.V. Satyanarayana Associate Professor, EEE Department email:satyanarayana4923@rcee.ac.in

#### ADVISORY COMMITTEE MEMBER

Mr.A.Ashok Kumar, Assistant Professor

#### **ORGANIZING COMMITTEE**

Mr.S.S.Sarma, Assistant Professor Mr.S.M.V.D Rao, Assistant Professor Mr.T.Ptrathap, Assistant Professor Mr.J.Suresh,Assistant Professor

### **IMPORTANT DATES:**

Last date for Registering Your Name: 21st June 2018

#### **REGISTRATION FEE**

No Registration Fee

#### **HOW TO APPLY**

The Registration form in the prescribed proforma duly signed by the Head of the Department should reach the convener on or before 21<sup>st</sup> June, 2018.

### **SESSION PLAN**

1<sup>st</sup> – Week: Basic Features and Commands of Mat-Lab

2<sup>nd</sup> Week: Strengthening the Knowledge in Mat-Lab based Programming

3<sup>rd</sup> – Week: Mat-Lab Programming for Solutions to Electric Circuits

**4**<sup>th</sup> **Week:** Mat-Lab Programming for Solutions to Control Systems

5<sup>th</sup> Week: Simulink Model of Electric Circuits

6<sup>th</sup> Week: Simulink Model of Power Electronics

7<sup>th</sup> Week: Simulink Model of Power Electronics

8<sup>th</sup> Week: Simulink Model of Control Systems

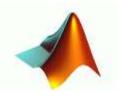
9<sup>th</sup> Week: Simulink Model of Control Systems

10<sup>th</sup> Week: Hands on Practice

11<sup>th</sup> Week: Hands on Practice

12<sup>th</sup> Week: Assessment Test

## CERTIFICATION PROGRAM On "Skill Based Practical Approach on MATLAB PROGRAMMING"



### **FROM**

#### 22-06-2018 TO 29-09-2018

An ISO 9001:2015 Certified Engineering College Graded 'A' by A.P Knowledge Mission, Govt of A.P Permanently Affiliated to JNTU- Kakinada Accredited by NAAC With B++

## Organized By DEPARTMENT OF Electrical and Electronics Engineering



RAMACHANDRA COLLEGE OF ENGINEERING
NH-5, Near Kalaparru Toll Plaza,
Vatluru(V),Pedapadu (M), Eluru,
West GodavariDist. AndhraPradesh-534 006
Ph: +91-8812- 215150,215151,215152

Website: www.rcee.ac.in

#### ABOUT THE COLLEGE

RAMACHANDRA COLLEGE OF ENGINEERING is a vibrant, forward looking Institution offering a high quality learning experience with a welcoming and friendly environment. RCE is approved by AICTE and affiliated to JNTU Kakinada. RCE aims at establishing academic credibility as an Institution offering dynamic UG, PG Engineering & MBA programs with Industry Interface, Research and Consultancy. RCE has a team of highly experienced, well qualified and dedicated faculty members in all disciplines.

The Institution is continuously striving for excellence by adopting changes to improve the systems, practices and performance. The college is located at a distance of 11 kms form Eluru.

#### ABOUT EEE DEPARTMENT

The Department of EEE has been offering a full time four year B.Tech Degree course since the inception of the institution. It is provided with all required infrastructural facilities like well equipped laboratories , well qualified & dedicated faculty and technically sound supporting staff. It is continuously striving to impart quality education and competitive spirit among students for academic excellence. The Department also runs M.Tech programme with specialization in Power Electronics.

#### **ABOUT MATLAB**

MATLAB provides a rich set of functionality for the Scientific and Engineering Domain application development. A High Level tool for conceptualization and benchmarking of Electrical Circuits and Control System, Power Electronics Modeling to name a few domains, it is fast evolving and becoming more and more user friendly. The Programming Language Syntax is similar to FORTRAN and C Languages. The tool is best suitable for Research Activities planning,

development and benchmarking of results with current work done in the field.

#### **OBJECTIVES OF THE PROGRAM**

- 1. To emphasize the need for usage of software programs in the area of electrical engineering.
- 2. To impart knowledge in correlating concepts of Electrical Engineering with Software tools..
- 3. To impart knowledge in applying MATLAB tools for Electric Circuits, Control Systems and Power System.

#### TOPICS COVERED

- 1. Basic Features and Commands of Mat-Lab
- 2. Strengthening the Knowledge in Mat-Lab based Programming
- 3. Mat-Lab Programming for Solutions to Electric Circuits
- 4. Simulink Model of Power Electronics
- 5. Simulink Model of Control Systems

#### LEARNING OUTCOMES

1. Application of MATLAB Tools for Electric Circuits, Control Systems and Power Electronics Hands on experience

#### **ELIGIBILITY**

This program is open to all the EEE department UG & PG students, faculty members, Research Scholars Engineers from industries are also eligible to apply.

#### **RESOURCE PERSONS**

Prof.S.Jayalakshmi, HOD-EEE

Mr.V.Satyanarayana,

Assistant Professor-EEE

Mr.S.S.Sarma,

**Assistant Professor-EEE** 

#### **REGISTRATION FORM**

### CERTIFICATION PROGRAM on "MATLAB PROGRAMMING"

1. Name of the Participant:
2. Class/Sec:
3. Address for Communication:
4. Phone Number with STD Code :
5. Mobile :
6. e-mail:

**Signature of the Participant** 





1. Name & Address of Programme: Skill Based Practical Approach on MATLAB - Programming

Ramachandra College of Engineering, NH-16- ByPass Road, Vatluru(V), Eluru PIN: 534007,

West Godavari District, Andhra Pradesh,

India Phone: 08818-215150, email:

media@rcee.ac.in

**2.** Programme Location : Department of Electrical & Electronics Engineering,

Ramachandra College of Engineering, Eluru.

**3.** Programme Date : From 22-06-2018 to 29-09-2018

**4.** Name of the Coordinator : Prof.S.Jayalakshmi

**5.** No. of candidate attended the Programme : 96

6. List of Participants: ANNEXURE -I

7. Program Schedule/Course Plan : *ANNEXURE – II* 

8. List of Resource Persons: ANNEXURE -III

**9.** Assessment Paper : *ANNEXURE-IV* 

**10.** Summary : *ANNEXURE-V* 





### ANNEXURE – I

S.no	Roll Number	Name of Participant	Class/Sec
1	16ME1A0210	Bonthu Sirisha	III-EEE/A
2	16ME1A0211	Bonthu Trimurthulu	III-EEE/A
3	16ME1A0212	Burri Hema Preethi	III-EEE/A
4	16ME1A0220	Devatha Pravallika	III-EEE/A
5	16ME1A0221	Duggipogu Suvarna Deepika	III-EEE/A
6	16ME1A0222	Ganapa Yamuna	III-EEE/A
7	16ME1A0229	Kalam Priyanka	III-EEE/A
8	16ME1A0230	Kama Praneeth	III-EEE/A
9	16ME1A0232	Konakalla Joshitha	III-EEE/A
10	16ME1A0233	Koppula Lalitha Jyothi	III-EEE/A
11	16ME1A0237	Mannem Swapna	III-EEE/A
12	17ME5A0201	Chilukuri Sudheer Kumar	III-EEE/A
13	17ME5A0202	Chintala Tharun Sai	III-EEE/A
14	17ME5A0203	Chodimella Akhil	III-EEE/A
15	17ME5A0204	Darsanala Sai Babu	III-EEE/A
16	17ME5A0205	Dudala Venkata Gopala Krishna	III-EEE/A
17	17ME5A0206	Gonthina Pavan Kalyan	III-EEE/A
18	17ME5A0207	Kadaganchi Naga Durga Sunil Ku	III-EEE/A
19	17ME5A0208	K Suman Datta	III-EEE/A
20	17ME5A0209	Kolusu Saikiran	III-EEE/A
21	17ME5A0210	M Sai Ganesh	III-EEE/A
22	17ME5A0211	Patimeeda Madhubabu	III-EEE/A
23	17ME5A0212	Shaik Ahamad Sharukh	III-EEE/A
24	17ME5A0213	Shaik Basheer	III-EEE/B
25	16ME1A0244	Padavala Harichandana	III-EEE/B
26	16ME1A0245	Paila Harika	III-EEE/B
27	16ME1A0246	Palla Hari Hara Nanda	III-EEE/B
28	16ME1A0247	Palnati Supriya	III-EEE/B
29	16ME1A0248	Pamireddi Divya Lalitha	III-EEE/B
30	16ME1A0261	Sheik Rohkhya Begum	III-EEE/B
31	16ME1A0269	Vadlamudi Navya	III-EEE/B
32	16ME1A0270	Vadlapatla Mamatha	III-EEE/B
33	16ME1A0271	Vemana Naga Venkatesh	III-EEE/B
34	16ME1A0272	Vurakaranam V Abhilash	III-EEE/B
35	16ME1A0273	Yadlapalli Lakshmi Sunanda	III-EEE/B

36	16ME1A0274	Yalamarthi Naga Ravalika	III-EEE/B
37	16ME1A0276	Yamandra Kishore	III-EEE/B
38	16ME1A0277	Yarlagadda Mahesh Chowdary	III-EEE/B
39	17ME5A0222	Ponnada Vamsi	III-EEE/B
40	17ME5A0223	Yalla Jagansai	III-EEE/B
41	17ME5A0224	Prathi Naga Vamsi	III-EEE/B
42	17ME5A0226	Surisetti Pavan Kishore	III-EEE/B
43	17ME5A0227	Tadikonda G Sekhar Nagendra	III-EEE/B
44	17ME5A0228	Talluri.Pavan Kumar	III-EEE/B
45	17ME5A0229	Veeravarapu Ashok Kumar	III-EEE/B
46	17ME5A0230	Srirama Jagadeesh	III-EEE/B
47	17ME5A0231	Tangellapali Chaitanya Chari	III-EEE/B
48	17ME5A0232	Vadithya Venkata Reddy	III-EEE/B
49	17ME1A0202	Attanki Swathi	II-EEE/A
50	17ME1A0203	Badita Sainadh	II-EEE/A
51	17ME1A0210	Challari Gnana Sundari	II-EEE/A
52	17ME1A0212	Chinnamsetti Manasa	II-EEE/A
53	17ME1A0213	Chintha Seetharamulu	II-EEE/A
54	17ME1A0219	Gopala Varalakshmi	II-EEE/A
55	17ME1A0222	Isukapalli Nagasuneetha	II-EEE/A
56	17ME1A0223	Kotte Rajesh	II-EEE/A
57	17ME1A0233	Mathi Jahnavi	II-EEE/A
58	17ME1A0234	Mohammad Roshan	II-EEE/A
59	17ME1A0235	Mohammed Roshan Jameer	II-EEE/A
60	17ME1A0236	Muppana Sai Jahnavi	II-EEE/A
61	17ME1A0237	Nadipalli Lakshmi Praveena	II-EEE/A
62	17ME1A0239	Nerusu Ravali	II-EEE/A
63	17ME1A0240	Nidumolu Devi	II-EEE/A
64	17ME1A0241	Onumu Janaki Manikanta	II-EEE/A
65	17ME1A0242	Pamarthi Pravallika	II-EEE/A
66	17ME1A0243	Pamarthi Ravi	II-EEE/A
67	17ME1A0244	Pendyala Lakshmi Sireesha	II-EEE/A
68	17ME1A0245	Penuboyina Supriya	II-EEE/A
69	17ME1A0246	Pullagorla Bala Archana	II-EEE/A
70	17ME1A0247	Rajana Chandra Teja	II-EEE/A
71	17ME1A0261	Allamsetti Dileep Kumar	II-EEE/B
72	17ME1A0262	Appala V N L S S D S Dhanalakshmi	II-EEE/B
73	17ME1A0267	Bonda Nanaji	II-EEE/B

74	17ME1A0268	Bonigi Syamkumar	II-EEE/B
75	17ME1A0271	Cheboyina Naga Sirisha	II-EEE/B
76	17ME1A0272	Cheruvugattu Bhargavachari	II-EEE/B
77	17ME1A0274	Chintha Nagaraju	II-EEE/B
78	17ME1A0275	Chitti Jahnavi	II-EEE/B
79	17ME1A0283	Karanam Baby Saranya	II-EEE/B
80	17ME1A0284	Kaki Nikhil Sai	II-EEE/B
81	17ME1A0285	Kolusu Swetha	II-EEE/B
82	17ME1A0297	Miriyala Thanuja	II-EEE/B
83	17ME1A02B4	Sanku Vamsi Krishna	II-EEE/B
84	17ME1A02B5	Savalam Anuradha	II-EEE/B
85	17ME1A02B6	Syed Abdul Mukheem	II-EEE/B
86	17ME1A02B7	Tera Nani Babu	II-EEE/B
87	17ME1A02B8	Vanukuru Divyasri	II-EEE/B
88	17ME1A02B9	Yaswanth Vemulapalli	II-EEE/B
89	17ME1A02C0	Vanukuri Ramya Sri	II-EEE/B
90	17ME1A02B0	Poothi Pallavi	II-EEE/B
91	17ME1A0257	Uppu Chandu	II-EEE/B
92	17ME1A0259	Vadlamudi Chandu	II-EEE/B
93	17ME1A0260	Y Lohini Naga Durga	II-EEE/B
94	17ME5A0235	Pattapu Naga G Manikantaku	II-EEE/A
95	17ME5A0236	Tammana N Venkata Saisiva La	II-EEE/A
96	17ME5A0238	Komiripalepu Siva Kumar	III-EEE/B

HOD





## ANNEXURE – II

Date & Time	Session	Subject/Topic	Faculty
1	2	3	4
22/6/2018 (1.30 pm to 4.30 pm)	3hrs	Basic Features and Commands of Mat-Lab	Prof.S.Jayalakshmi
29/6/2018 (1.30 pm to 4.30 pm)	3hrs	Strengthening the Knowledge in Matlab based Programming	Mr.V.Satyanarayana
07/7/2018 (1.30 pm to 4.30 pm)	3hrs	Matlab Programming for Solutions to Electric Circuits	Mr.S.S.Sarma
21/7/2018 (1.30 pm to 4.30 pm)	3hrs	Matlab Programming for Solutions to Control Systems	Mr.S.S.Sarma
28/7/2018 (1.30 pm to 4.30 pm)	3hrs	Simulink Model of Electric Circuits	Prof.S.Jayalakshmi
04/8/2018 (1.30 pm to 4.30 pm)	3hrs	Simulink Model of Power Electronics	Mr.S.S.Sarma
18/8/2018 (1.30 pm to 4.30 pm)	3hrs	Simulink Model of Power Electronics	M.V.Satyanarayana
25/8/2018 (1.30 pm to 4.30 pm)	3hrs	Simulink Model of Control Systems	Mr.S.S.Sarma
1/9/2018 (1.30 pm to 4.30 pm)	3hrs	Simulink Model of Control Systems	M.V.Satyanarayana
15/9/2018	3hrs	Hands on Practice	Mr.S.S.Sarma
(1.30 pm to 4.30 pm)			
22/9/2018 (1.30 pm to 4.30 pm)	3hrs	Hands on Practice	Mr.S.S.Sarma
29/9/2018 (1.30 pm to 4.30 pm)	3hrs	Assessment Test	M.V.Satyanarayana

Note: No.of Hours Conducted: 36hrs (In 3-Months Duration)

HOD





### ANNEXURE – III

S. No	Name and Address	Designation	Organization
1	Prof.S.Jayalakshmi	Professor	Ramachandra College of Engineering
2	Mr.V.Satyanarayana	Assistant Professor	Ramachandra college of Engineering
3	Mr.S.S.Sarma	Assistant Professor	Ramachandra college of Engineering

HOD





#### ANNEXURE - IV

### **Assessment Paper**

# Department of Electrical and Electronics Engineering Certification Program on Skill Based Practical Approach on MATLAB - Programming Name of the Student: Class/Sec: Date:

- 1. Which one of the following lists contains only legal MATLAB variable names?
  - a) Year-2012,time
  - b) my Time,1stVar
  - c) 2nd\_Var,my\_currency
  - d) my-ID,iii
  - e) MyScore1,Student1\_ID
- 2. What is the output of the following script?

number = 3; switch number case {1, 3, 5} disp('Odd'); case {2, 4, 6} disp('Even'); case {3, 6} disp('A multiple of three'); otherwise disp('Error!'); end

- a) Error
- b) A Multiple of three
- c) Odd A Multiple of Three
- d) Even
- e) Odd

3. Which one of the following scripts prompts the user for a negative number until the user does so? Assume the user enters only scalar numbers, i.e., no arrays or strings.

```
a) prompt = 'Negative number? ';
   while true
   number = input(prompt);
   if number < 0
   break;
   end
   end
b) prompt = 'Negative number? ';
   while true
   number = input(prompt);
   if number \leq 0
   break;
   end
   end
c) prompt = 'Negative number? ';
   while number > 0
   number = input(prompt);
d) prompt = 'Negative number? ';
   while number >= 0
   number = input(prompt);
   end
e) repeat
   number = input('Negative number? ');
   until number < 0
```

- 4. which of the following is not a pre-defined variable in Matlab
  - a) pi
  - b) inf
  - c) i
  - d) gravity
  - e) j
- 5. Which of the following will correctly define x, y, and z as symbols?
  - a) sym(X,Y,Z)
  - b) syms x y z
  - c) syms x,y,z
  - d) sym x,y,z

- 6. In Matlab, this keyword immediately moves to the next iteration of the loop: a) Update b) goto c) continue d) break 7. The output of cat=['cat' 'dog'] is a) catdog b) cat dog c) Cat&dog d) CatDog 8. Which of the following software errors can be detected by MATLAB before executing a program? a) Logical Error b) Run Time Error c) Syntax Error d) Division By Zero Error 9. Given the following function, function [out1, out2] = test\_func(vec) out1 = vec(1); out2 = 1; m = length(vec);for i = 2:mif vec(i) > out1out1 = vec(i);out2 = i; end end What is the output when this function is called as follows? >> [val, ind] = test\_func([-2 -4 0 1 4 -1]); >> disp([val ind]); 14 a) 03 b) c) 4 5 -42 d)
- 10. Which of the following can be used to export a MATLAB plot to a colour postscript (PS) file?
  - a) Print -cp myplot
  - b) Save –cp myplot
  - c) Print -dpsc myplot
  - d) Save -dpsc myplo

**Note:** Assessment will be done for **20Marks** each bit carrying **2Marks** if the participant gets 12marks he will be awarded with the certificate.





### **Summary:**

The students felt that this Certification Program on Skill Based Practical Approach on MATLAB - Programming is a wonderful and contented lecture from the eminent persons. And also they expressed that they came to know about the new concepts in Matlab Programming which will be very useful for them to do some research work. All the Students Participated in the Certification Program has cleared the Assessment Test and certificates are distributed to them and also they requested to conduct this kind of programs once in the semester.

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Bonthu Sirisha bearing Roll Number:16ME1A0210 of III-EEE has participated in the Skill Based Practical Approach on MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Bonthu Trimurthulu bearing Roll Number:16ME1A0211 of III-EEE has participated in the Skill Based Practical Approach on MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

Co-ordinator

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Burri Hema Preethi bearing Roll Number:16ME1A0212 of III-EEE has participated in the Skill Based Practical Approach on MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Devatha Pravallika bearing Roll Number:16ME1A0220 of III-EEE has participated in the Skill Based Practical Approach on MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms D Suvarna Deepika bearing Roll Number:16ME1A0221 of III-EEE has participated in the Skill Based Practical Approach on MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

Co-ordinator

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Ganapa Yamuna bearing Roll Number:16ME1A0222

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

Co-ordinator

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Kalam Priyanka bearing Roll Number:16ME1A0229

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Kama Praneeth bearing Roll Number:16ME1A0230 of III-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Konakalla Joshitha bearing Roll Number:16ME1A0232 of III-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms K Lalitha Jyothi bearing Roll Number:16ME1A0233

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

Co-ordinator

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Mannem Swapna bearing Roll Number:16ME1A0237

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Ch Sudheer Kumar bearing Roll Number:17ME5A0201 of III-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Chintala Tharun Sai bearing Roll Number:17ME5A0202

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

Co-ordinator

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Chodimella Akhil bearing Roll Number:17ME5A0203

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Darsanala Sai Babu bearing Roll Number:17ME5A0204 of III-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms D V Gopala Krishna bearing Roll Number:17ME5A0205 of III-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

Co-ordinator

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms G Pavan Kalyan bearing Roll Number:17ME5A0206

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms K N D Sunil Kumar bearing Roll Number:17ME5A0207 of III-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms K Suman Datta bearing Roll Number:17ME5A0208

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Kolusu Saikiran bearing Roll Number:17ME5A0209

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms M Sai Ganesh bearing Roll Number:17ME5A0210

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms P Madhubabu bearing Roll Number:17ME5A0211

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Shaik Ahamad Sharukh bearing Roll Number:17ME5A0212 of III-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Shaik Basheer bearing Roll Number:17ME5A0213

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms P Harichandana bearing Roll Number:16ME1A0244

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

Co-ordinator

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Paila Harika bearing Roll Number:16ME1A0245

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

Co-ordinator

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms P Hari Hara Nanda bearing Roll Number:16ME1A0246

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Palnati Supriya bearing Roll Number:16ME1A0247

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms P Divya Lalitha bearing Roll Number:16ME1A0248

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Shk Rohkhya Begum bearing Roll Number:16ME1A0261 of III-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

Co-ordinator

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Vadlamudi Navya bearing Roll Number:16ME1A0269

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Vadlapatla Mamatha bearing Roll Number:16ME1A0270 of III-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms V Naga Venkatesh bearing Roll Number:16ME1A0271 of III-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms V V Abhilash bearing Roll Number:16ME1A0272

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

Co-ordinator

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Y Lakshmi Sunanda bearing Roll Number:16ME1A0273 of III-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Y Naga Ravalika bearing Roll Number:16ME1A0274

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Yamandra Kishore bearing Roll Number:16ME1A0276

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Yarlagadda Mahesh Chowdary bearing Roll

Number:16ME1A0277

of III-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

**Co-ordinator** 

**COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Ponnada Vamsi bearing Roll Number:17ME5A0222

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Yalla Jagansai bearing Roll Number:17ME5A0223

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Prathi Naga Vamsi bearing Roll Number:17ME5A0224 of III-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms S Pavan Kishore bearing Roll Number:17ME5A0226

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms T G Sekhar Nagendra bearing Roll Number:17ME5A0227 of III-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms T.Pavan Kumar bearing Roll Number:17ME5A0228

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Veeravarapu Ashok Kumar bearing Roll

Number:17ME5A0229

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

**COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.** 

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Srirama Jagadeesh bearing Roll Number:17ME5A0230 of III-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms T Chaitanya Chari bearing Roll Number:17ME5A0231 of III-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms V Venkata Reddy bearing Roll Number:17ME5A0232 of III-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Attanki Swathi bearing Roll Number:17ME1A0202

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

Co-ordinator

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Badita Sainadh bearing Roll Number:17ME1A0203

of II-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Ch Gnana Sundari bearing Roll Number:17ME1A0210 of II-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Ch Manasa bearing Roll Number:17ME1A0212

of II-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Ch Seetharamulu bearing Roll Number: 17ME1A0213 of II-EEE has participated in the Skill Based Practical Approach on MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Gopala Varalakshmi bearing Roll Number: 17ME1A0219 of II-EEE has participated in the Skill Based Practical Approach on MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

Co-ordinator

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms I Nagasuneetha bearing Roll Number: 17ME1A0222 of II-EEE has participated in the Skill Based Practical Approach on MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Kotte Rajesh bearing Roll Number: 17ME1A0223

of II-EEE has participated in the Skill Based Practical Approach on MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Mathi Jahnavi bearing Roll Number: 17ME1A0233

of II-EEE has participated in the Skill Based Practical Approach on MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Md Roshan bearing Roll Number: 17ME1A0234

of II-EEE has participated in the Skill Based Practical Approach on MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Md Roshan Jameer bearing Roll Number: 17ME1A0235 of II-EEE has participated in the Skill Based Practical Approach on MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms M Sai Jahnavi bearing Roll Number: 17ME1A0236

of II-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

Co-ordinator

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms N Lakshmi Praveena bearing Roll Number: 17ME1A0237 of II-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Nerusu Ravali bearing Roll Number: 17ME1A0239

of II-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Nidumolu Devi bearing Roll Number: 17ME1A0240 of II-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms O J Manikanta bearing Roll Number: 17ME1A0241

of II-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

Co-ordinator

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms P Pravallika bearing Roll Number: 17ME1A0242

of II-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms P Ravi bearing Roll Number: 17ME1A0243

of II-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms P L Sireesha bearing Roll Number: 17ME1A0244

of II-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms P Supriya bearing Roll Number: 17ME1A0245

of II-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms P Bala Archana bearing Roll Number: 17ME1A0246

of II-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms R Chandra Teja bearing Roll Number: 17ME1A0247

of II-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms A Dileep Kumar bearing Roll Number: 17ME1A0261 of II-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms A S Dhanalakshmi bearing Roll Number: 17ME1A0262 of II-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Bonda Nanaji bearing Roll Number: 17ME1A0267

of II-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

Co-ordinator

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Bonigi Syamkumar bearing Roll Number: 17ME1A0268 of II-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

Co-ordinator

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Ch Naga Sirisha bearing Roll Number: 17ME1A0271 of II-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms ChBhargavachari bearing Roll Number: 17ME1A0272 of II-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Chintha Nagaraju bearing Roll Number: 17ME1A0274 of II-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Chitti Jahnavi bearing Roll Number: 17ME1A0275

of II-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms K Baby Saranya bearing Roll Number: 17ME1A0283 of II-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Kaki Nikhil Sai bearing Roll Number: 17ME1A0284 of II-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

Co-ordinator

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Kolusu Swetha bearing Roll Number: 17ME1A0285 of II-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Miriyala Thanuja bearing Roll Number: 17ME1A0297 of II-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms S Vamsi Krishna bearing Roll Number: 17ME1A02B4 of II-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Savalam Anuradha bearing Roll Number: 17ME1A02B5 of II-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Sd Abdul Mukheem bearing Roll Number: 17ME1A02B6 of II-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Tera Nani Babu bearing Roll Number: 17ME1A02B7 of II-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms V Divyasri bearing Roll Number: 17ME1A02B8

of II-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

Co-ordinator

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Y Vemulapalli bearing Roll Number: 17ME1A02B9

of II-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms V Ramya Sri bearing Roll Number: 17ME1A02C0 of II-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Poothi Pallavi bearing Roll Number: 17ME1A02B0 of II-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





# SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Uppu Chandu bearing Roll Number: 17ME1A0257

of II-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

Co-ordinator

HOD





# SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms V Chandu bearing Roll Number: 17ME1A0259

of II-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

**COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.** 

**Co-ordinator** 

HOD





# SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Y Lohini Naga Durga bearing Roll Number: 17ME1A0260 of II-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





# SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms P N G Manikanta bearing Roll Number: 17ME5A0235 of II-EEE has participated in the MATLAB PROGRAMMING a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





# SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms T N V Saisiva bearing Roll Number: 17ME5A0236

of II-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





# SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms K Siva Kumar bearing Roll Number: 17ME5A0238

of III-EEE has participated in the MATLAB PROGRAMMING a certification program

Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA

COLLEGE OF ENGINEERING from 22-06-2018 to 29-9-2018.

**Co-ordinator** 

HOD





#### **BOS-MINUTES OF MEETING**

Friday, June 1st 2018.

The BOS Meeting of Ramachandra College of Engineering, Eluru is held at the Secretary's chamber at 02.00PM on June 1<sup>st</sup>, 2018.

#### **AGENDA:**

- 1. To plan the Certificate Programs to be handled for A.Y 2018-19.
- 2. To Plan the Add on Programs to be handled for A.Y 2018-19.
- 3. To Plan the Value Added Courses to be handled for A.Y 2018-19.

### The Following points has been discussed and resolved:

1. As per Discussions made the following are the Certification Programs to be undertaken in this Academic year by the respective Departments

S.no	Name of the Certification Program	Department to be Organised
1	AMCAT Training Program - CIVIL	Civil Engineering
2	AMCAT Training Program - EEE	Electrical and Electronics Engineering
3	Skill Based Practicle Approach on MATLAB- Programming	Electrical and Electronics Engineering
4	Computer Numerical Control Turning under PMKVY Scheme	Mechanical Engineering
5	Lathe Operator under PMKVY Scheme	Mechanical Engineering
6	AMCAT Training Program - Mechanical	Mechanical Engineering
8	Skill Based Practical Approach on MATLAB- Programming	Electronics and Communication Engineering
9	AMCAT Training Program - ECE	Electronics and Communication Engineering
10	Domestic Data Entry Operator under PMKVY Scheme	Computer Science and Engineering
11	NPTEL Certification on Problem Solving through Programming in C	Computer Science and Engineering
12	NPTEL Certification on Programming in Java	Computer Science and Engineering
13	AMCAT Training Program - CSE	Computer Science and Engineering
14	Financial Institutions and Markets	Master of Business Administration

- 2. As per Discussions made the Add on Programs to be undertaken in this Academic year by the respective Departments and should be planned accordingly by the respective HOD's
- 3. As per Discussions made the following are the Value Added Courses to be undertaken in this Academic year by the respective Departments

S.no	Name of the Certification	Course Code	Department to be Organised
	Program		C + CIVII
1	Bridge Course	BC001	Common to CIVIL, EEE,ECE,Mechanical,CSE
2	Course on Communication Skill and Personality Development_Module-1 (For Second Year Students)	CS003_1	Common to CIVIL, EEE,ECE,Mechanical,CSE
3	Course on Communication Skill and Personality Development_Module-2 (For Third Year Students)	CS003_2	Common to CIVIL, EEE,ECE,Mechanical,CSE
4	Course on Communication Skill and Personality Development_Module-3 (For Fourth Year Students)	CS003_3	Common to CIVIL, EEE,ECE,Mechanical,CSE
5	Yoga and Meditation	YM004	Common to CIVIL, EEE,ECE,Mechanical,CSE,MBA
6	Entrepreneurship Development Program	EDP005	Department of Electrical and Electronics Engineering
7	Making and Maintenance of Electrical Appliances	MMEA006	Department of Electrical and Electronics Engineering
8	SOLID WORKS	SW007	Department of Mechanical Engineering
9	CNC Turning and Milling	CNCTM008	Department of Mechanical Engineering
10	Printed Circuit Board Design and Fabrication	PCBF009	Department of Electronics and Communication Engineering
11	JAVA Programming	JP0010	Department of Electronics and Communication Engineering
12	Building Blocks of JAVA	BBJ0011	Department of Computer Science Engineering
13	Web Technology	WT0012	Department of Computer Science Engineering
14	British Council English Communication Skills Program	OPT_GE_AP_NT	Common to CIVIL, EEE,ECE,Mechanical,CSE

# The Members Present at the Meeting are:

S.no	Representatives	Name of Board Member	Designation
1	Member of Society	Sri K Venugopal	Secretary
2	JNTUK, University	Dr.P.SubbaRao	Member
	Nominee		
3.	Representative from	Mr.K.Chandra Kaladhara	Member
	Industry	Rao, ADE, Stage	
		IV,VTPS,Vijayawada	
4.	Principal	Dr.Dola Sanjay	Member
5.	Vice Principal	Dr.Jagan Mohan Rao	Member
6.	Academic Co-ordinator	Mr.Patcha Khan	Member
7.	HOD-CIVIL	Mr.Satyanarayana	Member
8.	HOD-ECE	Prof.S.Jayalakshmi	Member
9.	HOD-MECHANICAL	Dr.VaraPrasad	Member
10.	HOD-ECE	Dr.Yedukondalu	Member
11.	HOD-CSE	Dr.G.Srinivasa Rao	Member





#### **CIRCULAR**

#### **Ref: RCE/PO/2018-19/CERTIFICATION PROGRAMS**

This is to inform to all the Departments that as per the discussions made in the BOG – Meeting the following are the certification Programs to be organised by the respective Departments for Academic Year: 2018-19.

S.no	Name of the Certification Program	Department to be Organised
1	AMCAT Training Program - CIVIL	Civil Engineering
2		Electrical and Electronics
	AMCAT Training Program - EEE	Engineering
3	Skill Based Practical Approach on MATLAB-	Electrical and Electronics
3	Programming	Engineering
4	Computer Numerical Control Turning under	
	PMKVY Scheme	Mechanical Engineering
5	Lathe Operator under PMKVY Scheme	Mechanical Engineering
6	AMCAT Training Program - Mechanical	Mechanical Engineering
8	Skill Based Practical Approach on MATLAB-	Electronics and
0	Programming	Communication Engineering
9		Electronics and
9	AMCAT Training Program - ECE	Communication Engineering
10	Domestic Data Entry Operator under PMKVY	Computer Science and
10	Scheme	Engineering
11	NPTEL Certification on Problem Solving through	Computer Science and
11	Programming in C	Engineering
12	NPTEL Certification on Programming in Java	Computer Science and
12	111 122 Certification on 1 logianisming in Java	Engineering
13		Computer Science and
13	AMCAT Training Program - CSE	Engineering
14		Master of Business
17	Financial Institutions and Markets	Administration

Copy to: The Chairman, Secretary and Correspondent, Principal, Vice-Principal, All Deans, All HoDs and Academic Coordinators, AO, Exams Section, TPO, PD, Library.



Date: 11-06-2018



# DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING CIRCULAR

Date: 31-06-2018

Ref: RCEE/ECE/CP/2018-19/001/MATLAB PROGRAMMING

All the Faculty and Students are here by informed that Certificate Program on Skill Based Practical Approach on MATLAB – Programming is going to be held from 02-07-2018 to 24-09-2018 a Three Hour Session on intimated dates at Digital Signal Processing Lab in the Department of ECE all the second year and Third Year Students who are interested are intimated to be part of it and avail the Opportunity.

Copy to: The Chairman, Secretary and Correspondent, Principal, Vice-Principal, All Deans, All HoDs and Academic Coordinators, AO, Exams Section, TPO, PD, Library, Transport.

THOP ...

#### **CHIEF PATRON**

Sri.Ghanta Sri Ramachandra Rao, *Chairman* Sri. K. VenuGopal, *Secretary* 

Smt.K.Rama VenuGopal, correspondent

#### **PATRON**

Dr.Dola Sanjay, M.Tech,Ph.D Principal

#### **CONVENER**

Prof. S. Jagan Mohan Rao HOD, Department of ECE email:ecehod@rcee.ac.in

#### **CO-ORDINATOR**

Mr .J.Prasanth Kumar

Associate Professor, ECE Department

email:prasanthkumarj@rcee.ac.in

#### **ADVISORY COMMITTEE MEMBER**

Mr. M. Rama Krishna, Assistant Professor

#### **ORGANIZING COMMITTEE**

Mr. D. Sreedhar

Mr. D. Venkanna Babu

#### **IMPORTANT DATES:**

Last date for Registratio: 22<sup>th</sup> June 2018

REGISTRATION FEE

No Registration Fee

#### **HOW TO APPLY**

The Registration form in the prescribed proforma duly signed by the Head of the Institution / Organization should reach the convener on or before 25<sup>th</sup> June, 2018.

#### ADDRESS FOR COMMUNICATION:

Prof. S. Jagan Mohan Rao HOD, Department of ECE Ph.No: +91-7780414945 email:ecehod@rcee.ac.in

For further Queries, CONTACT:

+91-9493929439

8333819225

8885409848

9959119352

For detailed information go through college web site: \_www.rcee.ac.in

# THREE MONTHS COURSE PROGRAM ON "MATLAB PROGRAMMING"



### **FROM**

02.07.2018-24.09.2018

An ISO 9001:2015 Certified Engineering College Graded 'A' by A.P Knowledge Mission, Govt of A.P Permanently Affiliated to JNTU- Kakinada Accredited by NAAC With B++

### Organized By

# DEPARTMENT OF Electronics And Communication Engineering



RAMACHANDRA COLLEGE OF ENGINEERING
NH-5, Near Kalaparru Toll Plaza,
Vatluru(V),Pedapadu (M), Eluru,
West GodavariDist. AndhraPradesh-534 006
Ph: +91-8812- 215150,215151,215152
Website: www.rcee.ac.in

#### ABOUT THE COLLEGE

RAMACHANDRA COLLEGE OF ENGINEERING is a vibrant, forward looking Institution offering a high quality learning experience with a welcoming and friendly environment. RCE is approved by AICTE and affiliated to JNTU Kakinada. RCE aims at establishing academic credibility as an Institution offering dynamic UG, PG Engineering & MBA programs with Industry Interface, Research and Consultancy. RCE has a team of highly experienced, well qualified and dedicated faculty members in all disciplines.

The Institution is continuously striving for excellence by adopting changes to improve the systems, practices and performance. The college is located at a distance of 11 kms form Eluru.

#### ABOUT ECE DEPARTMENT

The Department of ECE has been offering a full time four year B.Tech Degree course since the inception of the institution. It is provided with all required infrastructural facilities like well equipped laboratories, well qualified & dedicated faculty and technically sound supporting staff. It is continuously striving to impart quality education and competitive spirit among students for academic excellence. The Department also runs M.Tech programme with specialization in Power Electronics.

#### **ABOUT MATLAB**

MATLAB provides a rich set of functionality for the Scientific and Engineering Domain application development. A High Level tool for conceptualization and benchmarking of Electronc Circuits and Control System, Power Electronics Modeling to name a few domains, it is fast evolving and becoming more and more user friendly. The Programming Language Syntax is similar to FORTRAN and C Languages. The tool is best suitable for Research Activities planning, development and benchmarking of results with current work done in the field.

#### **OBJECTIVES OF THE COURSE**

- 1. To emphasize the need for usage of software programs in the area of electronicsl engineering.
- 2. To impart knowledge in correlating concepts of Electronicsl Engineering with Software tools..
- 3. To impart knowledge in applying MATLAB tools for Electric Circuits, Control Systems and Power System.

#### **TOPICS COVERED**

- 1. Introduction to MATLAB Software
- 2. Simulatons in MATLAB
- 3. Working with variables in MATLAB environment
- 4. Trigonometric functions in MATLAB
- 5. Complex numbers in MATLAB
- 6. Working with vectors in MATLAB
- 7. Working with matrices in MATLAB
- 8. Graphs and plotting in MATLAB
- 9. Updates in projects
- 10. Loops Conditions and intro to programming in **MATLAB**
- 11. Learn MATLAB and Simulink Programming
- 12. Bonus Materials for the course

#### LEARNING OUTCOMES

1. Application of MATLAB Tools for Electric Circuits, Control Systems and Power Electronics Hands on experience

#### **ELIGIBILITY**

This program is open to all the ECE department UG & PG students, faculty members, Research Scholars Engineers from industries are also eligible to apply.

#### **RESOURCE PERSONS**

Prof. S. Jagan Mohan Rao

HOD, Department of ECE

Mr.J.Prasanth Kumar,

Associate Professor-ECE

#### **REGISTRATION FORM**

#### ONE WEEK NATIONAL WORKSHOP On "MATLAB PROGRAMMING"

- 1. Name of the Participant:
- 2. Designation:
- 3. Name of the Organization:
- 4. Address for Communication:
- 5. Phone Number with STD Code:
- 6. Mobile:

of ittobile .	
7. e-mail:	
	Signature of the Participant
PERMITTING AUTHO	ORITY:
Mr/Ms	
employed as	in our
college / organization i	s permitted to attend the National
Conference.	
Place:	
Date :	

Signature of permitting authority with seal





1. Name & Address of Programme: Skill Based Practical Approach on MATLAB - Programming

Ramachandra College of Engineering, NH-16- ByPass Road, Vatluru(V), Eluru PIN: 534007,

West Godavari District, Andhra Pradesh,

India Phone: 08818-215150, email:

media@rcee.ac.in

2. Programme Location : Department of Electronics & Communication Engineering, Ramachandra College of Engineering, Eluru.

**3.** Programme Date : **02.07.2018-24.09.2018** 

**4.** Name of the Coordinator : Mr.J.Prasanth Kumar

**5.** No. of candidate attended the Programme: 90

6. List of Participants : ANNEXURE -I

7. Program Schedule/Course Plan : *ANNEXURE – II* 

8. List of Resource Persons: ANNEXURE -III

**9.** Assessment Paper : *ANNEXURE-IV* 

10. Summary : ANNEXURE-V







# ANNEXURE – I

S.no	Roll Number	Name of Participant	Class/Sec
1	17ME1A0403	AKULA SRILAKSHMI	II-ECE
2	17ME1A0404	ANNAM PRIYANKA	II-ECE
3	17ME1A0405	BADISA SURESH	II-ECE
4	17ME1A0406	BEERAM SAVERI	II-ECE
5	17ME1A0407	BEJJA VANAJA	II-ECE
6	17ME1A0408	BEZAWADA NAGA MALLESWARI	II-ECE
7	17ME1A0409	BHASURU SAI SRAVAN	II-ECE
8	17ME1A0410	BHUKYA DEEPIKA	II-ECE
9	17ME1A0412	BOORLA SHARMILA	II-ECE
10	17ME1A0413	BUSI BHANU	II-ECE
11	17ME1A0416	DAKARAPU SRI ANJALI	II-ECE
12	17ME1A0418	DARAPUREDDY RAMYA HARSHITHA	II-ECE
13	17ME1A0419	DHARANALAKOTA MANIKANTESH	II-ECE
14	17ME1A0422	GANDAM MALLIKA	II-ECE
15	17ME1A0424	GANTA SANDEEP	II-ECE
16	17ME1A0425	GOLLA MANASA	II-ECE
17	17ME1A0429	KAKOLLU DEDISHYA	II-ECE
18	17ME1A0431	KALIDASU SWAPNA	II-ECE
19	17ME1A0432	KANDIKUPPA SRIDEVI	II-ECE
20	17ME1A0433	KARE JOSHUA DANIEL	II-ECE
21	17ME1A0434	KASI TEJA SREE	II-ECE
22	17ME1A0435	KASULA UMESHCHANDRA	II-ECE
23	17ME1A0436	KOMMINI MANI JOHN ALEXANDER	II-ECE
24	17ME1A0437	KUNDERU LAKSHMI NAGA SAI LALITHA HARSHITHA	II-ECE
25	17ME1A0438	KUNISETTI Y R PRATHYUSHA	II-ECE
26	17ME1A0445	SUREDDY VENKATA SAI TEJA	II-ECE
27	17ME1A0448	MUTINENI RUPASRI	II-ECE
28	17ME1A0449	NIMMAGADDA DHARUN SAI	II-ECE
29	17ME1A0496	MEKALA ANNAPURNADEVI	II-ECE
30	17ME1A0497	MENDI PAVAN KUMAR	II-ECE
31	17ME1A0498	MERUGU SATHWIK	II-ECE
32	17ME1A0499	MIDITHIPATI PRAVALLIKA	II-ECE
33	17ME1A04A0	NAGALAKSHMI YANAMANDALA	II-ECE
34	17ME1A04A1	NAGUBANDI SAI	II-ECE
35	17ME1A04A6	PAPOLU JASWANTH SRINATH	II-ECE

36	17ME1A04A9	PARUCHURI SAI MANIDEEPAK	II-ECE
37	17ME1A04B1	RAJULAPATI SAI RAM KUMAR	II-ECE
38	17ME1A04B2	SIRIGINEEDI JNANA KRISHNA MANIDEEP	II-ECE
39	17ME1A04B4	TALARI RAMYA	II-ECE
40	17ME1A04B6	TUMULURI LALITHA	II-ECE
41	17ME1A04B7	UPPLAPATI SATYA LAVANYA	II-ECE
42	17ME1A04B8	URNANI LAHARI	II-ECE
43	17ME1A04F6	MRINAL UMMADISING	II-ECE
44	17ME1A04F9	PALAVALASA PAVAN KUMAR	II-ECE
45	17ME1A04G0	PANDI VAMSI KRISHNA	II-ECE
46	17ME1A04G3	РЕСНЕТТІ ВАВУ НЕМА	II-ECE
47	17ME1A04G4	PICHIKALA. KRISHNA VAMSI	II-ECE
48	17ME1A04H3	SOMANA KAVYA RUCHITHA	II-ECE
49	17ME1A04H4	KANDADAI DINESH RAJAN	II-ECE
50	17ME1A04I0	BATTULA SANJAY KUMAR	II-ECE
51	17ME1A0450	PALLELA VANDANA	II-ECE
52	17ME1A0451	PARIMI INDHU	II-ECE
53	17ME1A0452	PUPPALA KALYAN CHAKRVATHI	II-ECE
54	17ME1A0453	PUTTI NAGA SIREESHA	II-ECE
55	17ME1A0454	UPPALAPATI MANASA	II-ECE
56	17ME1A0455	UPPALAPATI RUCHITHA CHOWDARY	II-ECE
57	17ME1A0456	VALLABHANENI ALEKHYA	II-ECE
58	17ME1A0457	VANDRANKI SRI LAKSHMI PRASAD	II-ECE
59	17ME1A0458	VEERLA NAGENDRA BABU	II-ECE
60	17ME1A0459	VEMPATI ANUSHA REDDY	II-ECE
61	17ME1A04C2	AMARLA ABHINASH	II-ECE
62	17ME1A04C3	ANDE CHANDU KUMAR	II-ECE
63	17ME1A04C4	BALDA VIJAYA KUMAR	II-ECE
64	17ME1A04C5	BALUSU HAINDAVA CHANDRA SEKHAR	II-ECE
65	17ME1A04C6	BETHINA SUBBA RAO	II-ECE
66	17ME1A04C7	BOLLA DURGA SAI TEJA	II-ECE
67	17ME1A04C8	BOMMANABOINA PRATHIMA	II-ECE
68	17ME1A04C9	BOMMAREDDI SAI SOWJANYA	II-ECE
69	17ME1A04D0	CHALASANI MANEESHA	II-ECE
70	17ME1A04D1	CHENNURI BALA AYYAPPA	II-ECE
71	17ME1A04D2	CHOWDARI BHARGAVI	II-ECE
72	17ME1A04D3	DALIPARTHI NAGA VENKATA SATHEESH SAI	II-ECE
73	17ME1A04D4	DASARI ARUNAKUMARI	II-ECE

74	17ME1A04D5	DASARI DEVIKA	II-ECE
75	17ME1A04D6	DASARI SRIDHAR	II-ECE
76	17ME1A04D7	DEVU KALYANNAG	II-ECE
77	17ME1A04D8	DUGGIRALA MANISHA	II-ECE
78	17ME1A0477	GADDAM ISWARYA	II-ECE
79	17ME1A0478	GAJARAO GREESHMA SRINITHA	II-ECE
80	17ME1A0479	GANTASALA PAVAN KUMAR	II-ECE
81	17ME1A0480	GODDU PUNEETH KUMAR	II-ECE
82	17ME1A0481	GOLLAPUDI GAYATHRI SOWMYA	II-ECE
83	17ME1A0482	GORRIPUTTI HIMABINDU	II-ECE
84	17ME1A0483	GOTIKALA SURESH KUMAR	II-ECE
85	17ME1A0484	JAVVADI NAVYA	II-ECE
86	17ME1A0485	KANDUKURI HARSHINI	II-ECE
87	17ME1A0486	KARAMCHETI JAHNAVI SUSMITHA	II-ECE
88	17ME1A0487	KARRI NAGASRI	II-ECE
89	17ME1A0488	KATTULA NAGA RAMA KRISHNA SANDEEP	II-ECE
90	17ME1A0489	KHAN DILSHA	II-ECE









### ANNEXURE – II

S.No	Date	Faculty	Topic Covered	Session
1	02.07.2018	Mr. M. Rama Krishna	Introduction to MATLAB Software	10.00am to 01.00pm
2	09.07.2018	Mr. D. Sreedhar	Mathematics in MATLAB	10.00am to 01.00pm
3	16.07.2018	Mr. D. Venkanna Babu	Working with variables in MATLAB environment	10.00am to 01.00pm
4	23.07.2018	Mr. R Durga Prasad	Trignometric functions in MATLAB	10.00am to 01.00pm
5	30.07.2018	Mr. M.Murali Krishna	Complex numbers in MATLAB	10.00am to 01.00pm
6	06.08.2018	Ms. B. Anitha Pravalli	Working with vectors in MATLAB	10.00am to 01.00pm
7	13.08.2018	Mr. N.V.D.P. Murthy	Working with matrices in MATLAB	10.00am to 01.00pm
8	20.08.2018	Mr.Md. Aziz	Graphs and ploting in MATLAB	10.00am to 01.00pm
9	27.08.2018	Mr. D. Sreedhar	Updates projects	10.00am to 01.00pm
10	10.09.2018	Mr. R Durga Prasad	Loops Conditions and intro to programming in MATLAB	10.00am to 01.00pm
11	17.09.2018	Ms. B. Anitha Pravalli	Learn MATLAB and Simulink Programming	10.00am to 01.00pm
12	24.09.2018	Mr.Md. Aziz	Bonus Materials for the course	10.00am to 01.00pm

Note: No.of Hours Conducted: 36hrs (In 3-Months Duration)

Hope





# ANNEXURE – III

S. No	Name and Address	Designation	Organization
1	Prof. S. Jagan Mohan Rao	HOD, Department of ECE	Ramachandra College of Engineering
2	Mr.J.Prasanth Kumar	Associate Professor	Ramachandra college of Engineering









#### ANNEXURE - IV

# DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING ASSESMENT TEST

DATE:30-09-2018 TIME:30min

Student Name:	Class:	
Each Question Carries 2 Marks	Total:10x2=2	0Marks
<ol> <li>What is the basic difference between M-files and MAT-files?</li> <li>There is no difference</li> <li>MAT files are binary data files while m-files are ASCII text files</li> <li>M files are binary data files while MAT-files are ASCII text files</li> <li>There is no such thing as MAT files</li> </ol>		
<ul> <li>2.To determine whether an input is MATLAB keyword, command is keyword</li> <li>b) key word</li> <li>c) inputword</li> <li>d) isvarname</li> </ul>	d is?	
3. Executing in the command window the following code returns. $a = [1{:}3]\text{'}\;;  size(a)$		( )
a)errormessage		
b)13		
c)31		
d) 3 1		
4. Which function is preferable to find the magnitude of a complex	x number?	( )
a) abs()		
<ul><li>b) sqrt()</li><li>c) cart2pol()</li><li>d) MATLAB does not support complex arguments</li></ul>		
<ul><li>5. Command used to display the value of variable x.</li><li>a) displayx</li><li>b) disp(x)</li></ul>		

c) disp x d) vardisp('x')		
6. What happens if we don't assign a variable to an expression which evaluates a n	umeri	cal value?
a) MATLAB shows error		
b) Nothing happens		
c) The evaluated values are assigned to a variable ans automatically		
d) Depends on the numerical value		
7. How can the formulation of polynomial be done from its roots?	(	)
a) poly(r), r is a row vector, containing the roots of the polynomial		
b) poly([roots as a coloumn vector])		
c) poly([roots as a row vector])		
d) poly([roots in descending order as a coloumn vector])		
8. MATLAB sees aordered variable as a vector of dimension n*1.	(	)
a) $n^{th}$ , $(n+2)^{th}$		
b) $n^{th}$ , $(n+3)^{th}$		
c) $(n-1)^{th}$ , $n^{th}$		
d) $n^{th}$ , $(n-1)^{th}$		
9. What is the output of the following code?	(	)
T=-9:0:9; STEM(T);		
a)Error		
b)Plots a ramp function from 0 to 9 units in time		
c) Plots a discrete function		
d) Logical Error		
10. Which is the invalid variable name in MATLAB?	(	)
a) x6		
b) last		
c) 6x		
d) z		

**Note:** Assessment will be done for **20Marks** each bit carrying **2Marks** if the participant gets 12marks he will be awarded with the certificate





### **Summary:**

The students felt that this Certification Program on Skill Based Practical Approach on MATLAB - Programming is a wonderful and contented lecture from the eminent persons. And also they expressed that they came to know about the new concepts in Matlab Programming which will be very useful for them to do some research work. All the Students Participated in the Certification Program has cleared the Assessment Test and certificates are distributed to them and also they requested to conduct this kind of programs once in the semester.

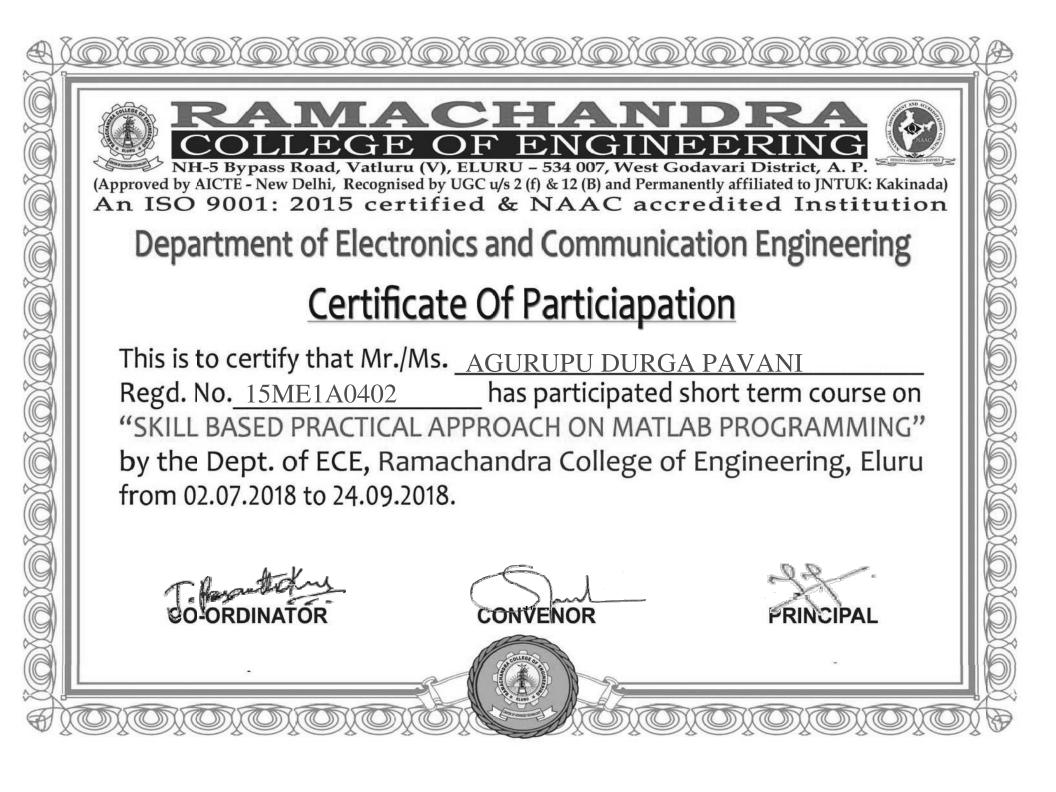
THOP ...



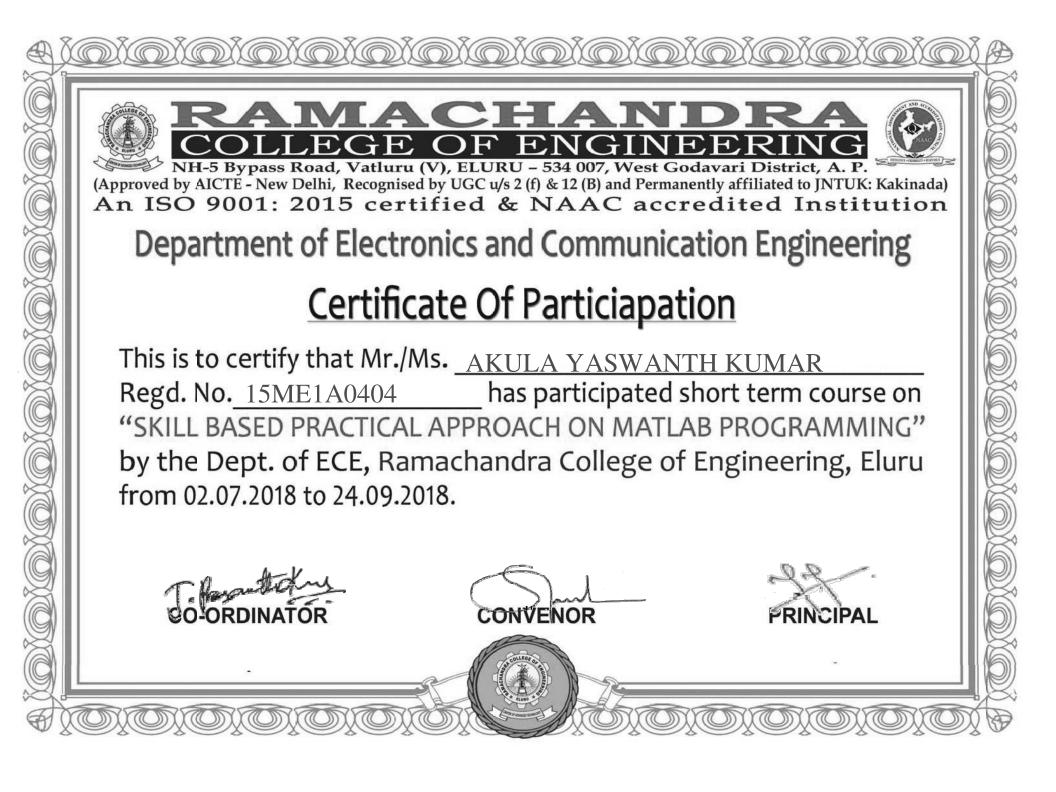






























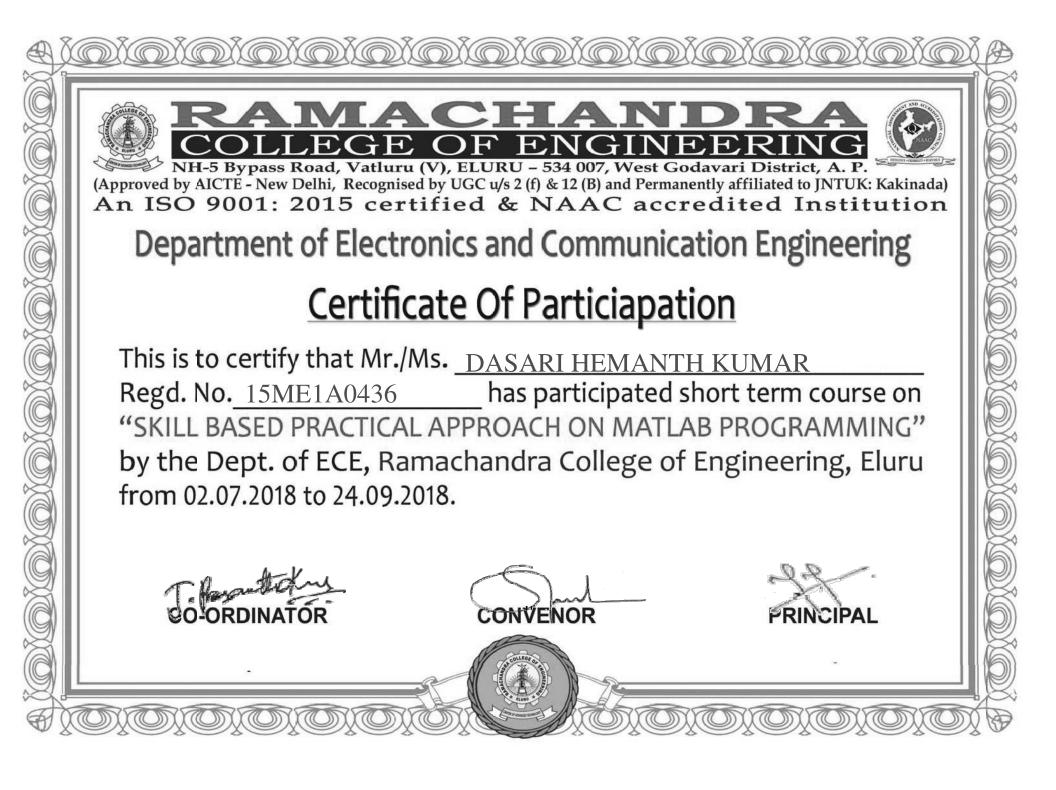




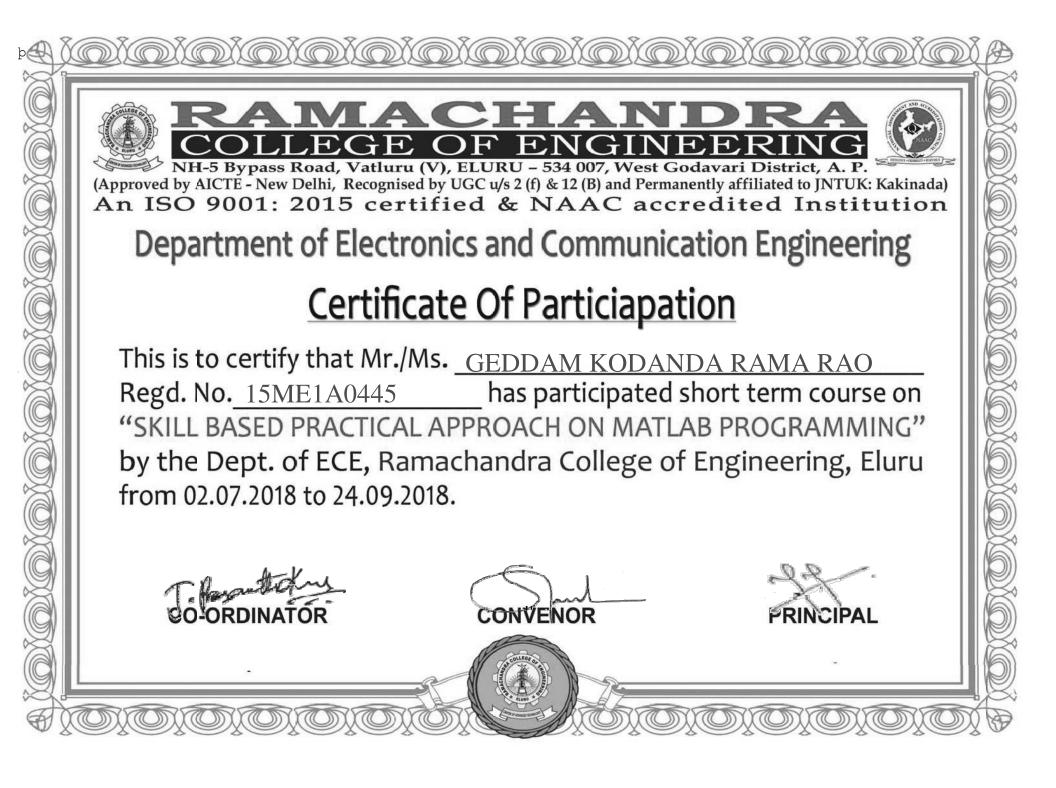






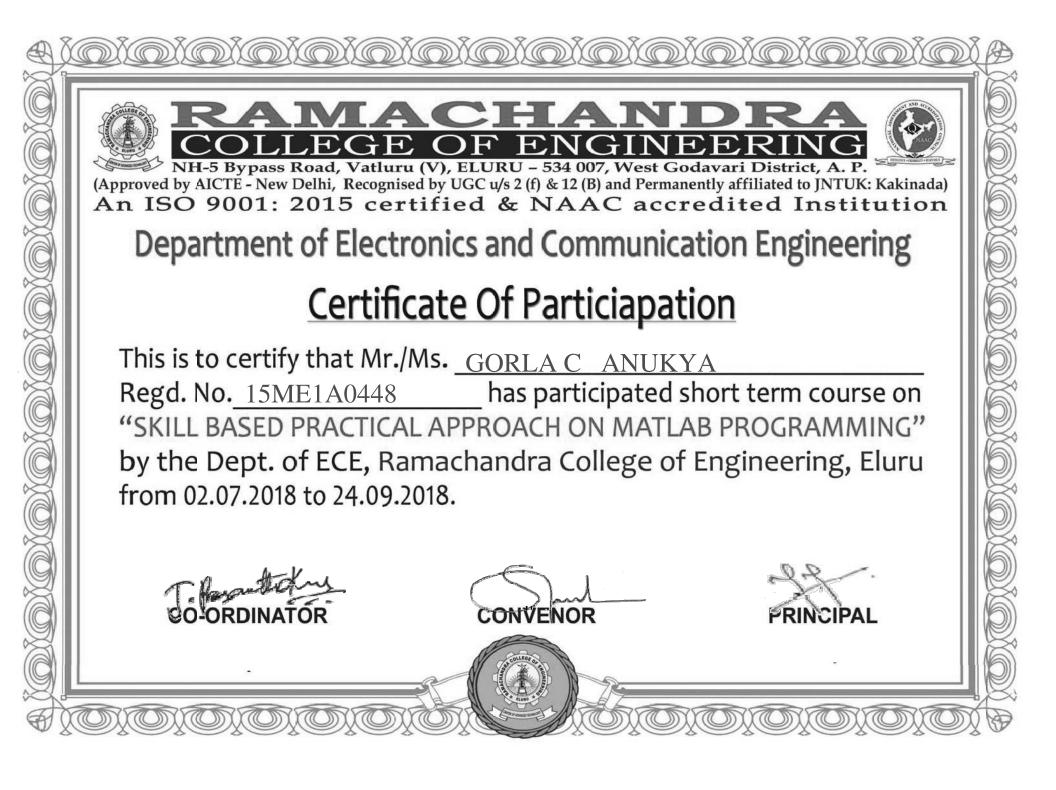










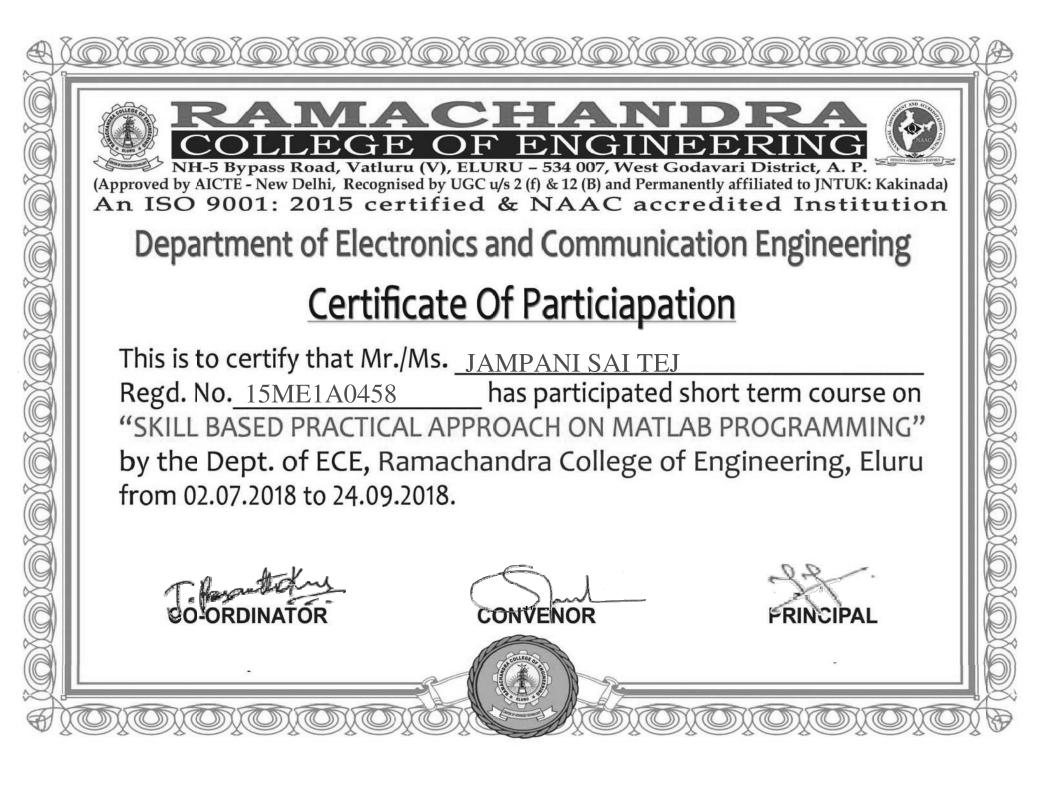


























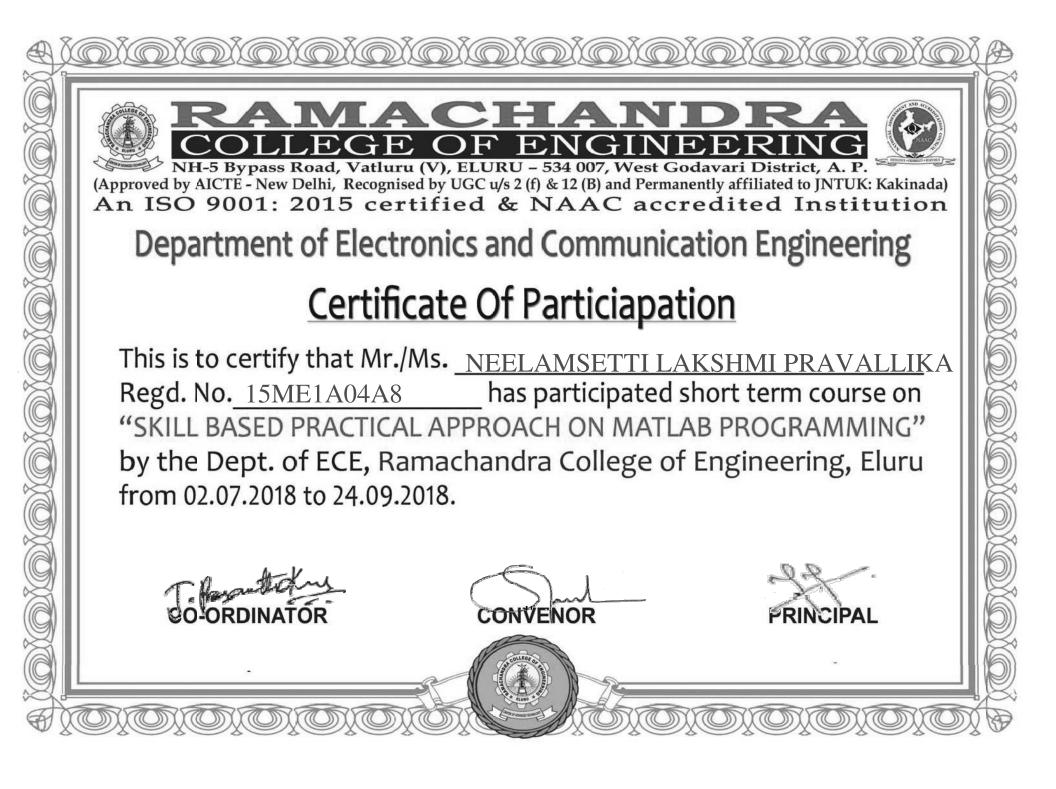












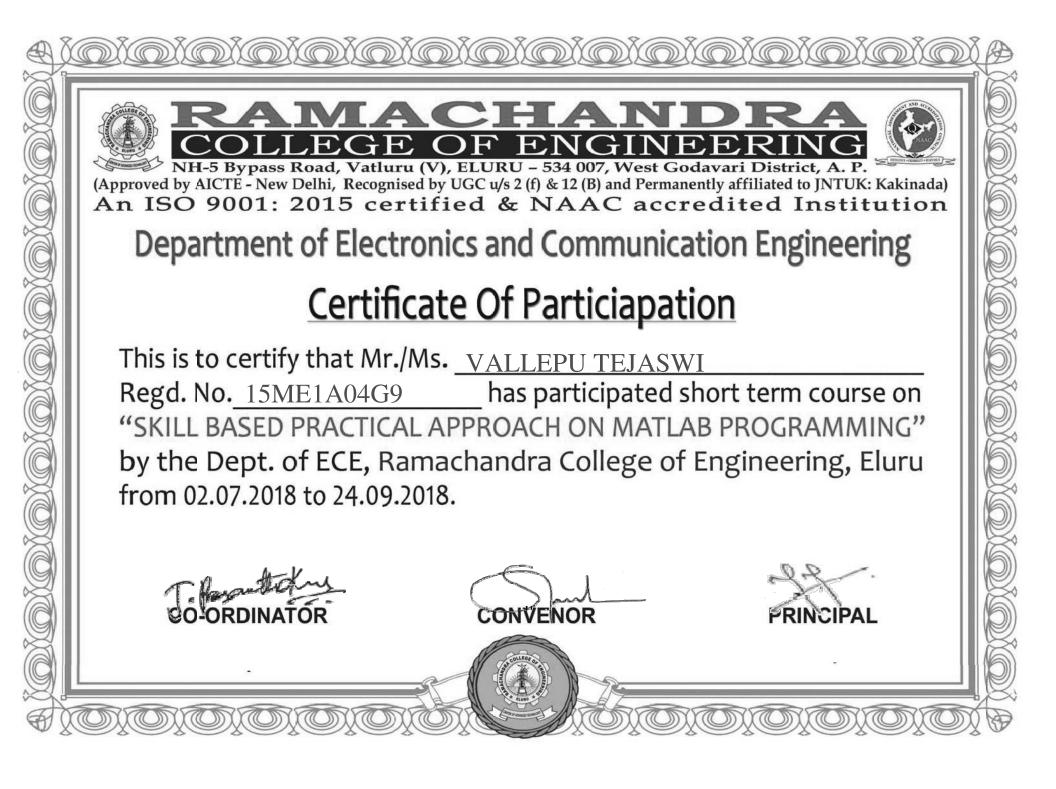




















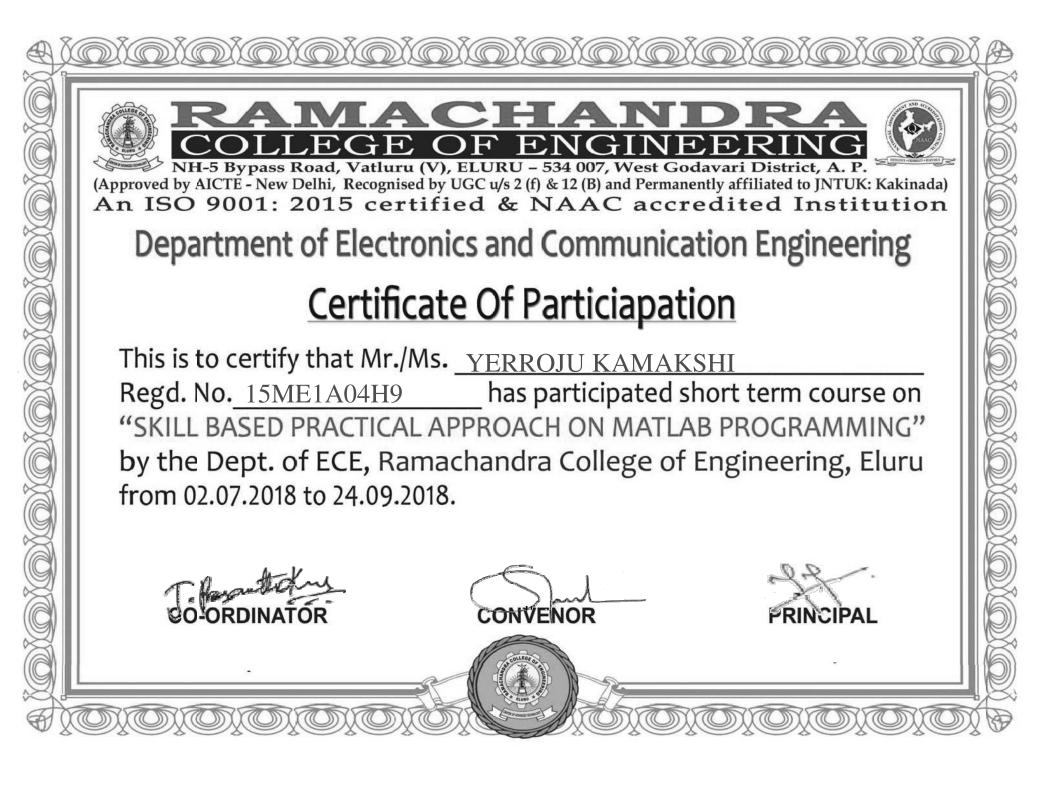












































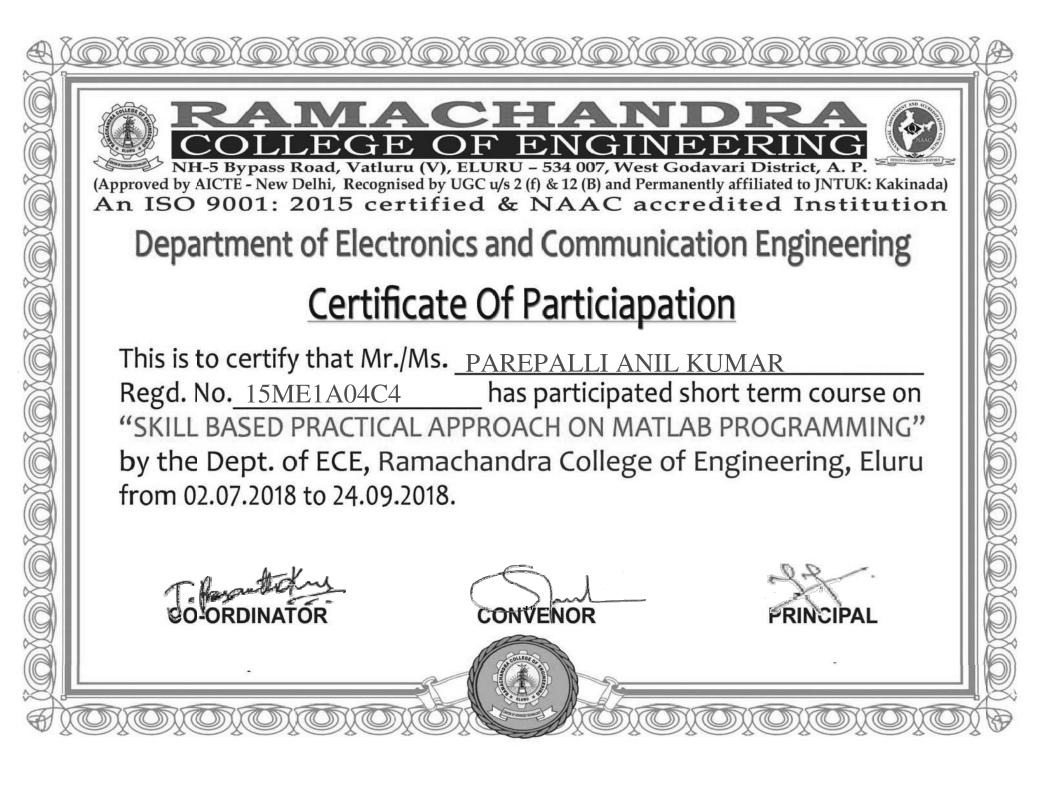
















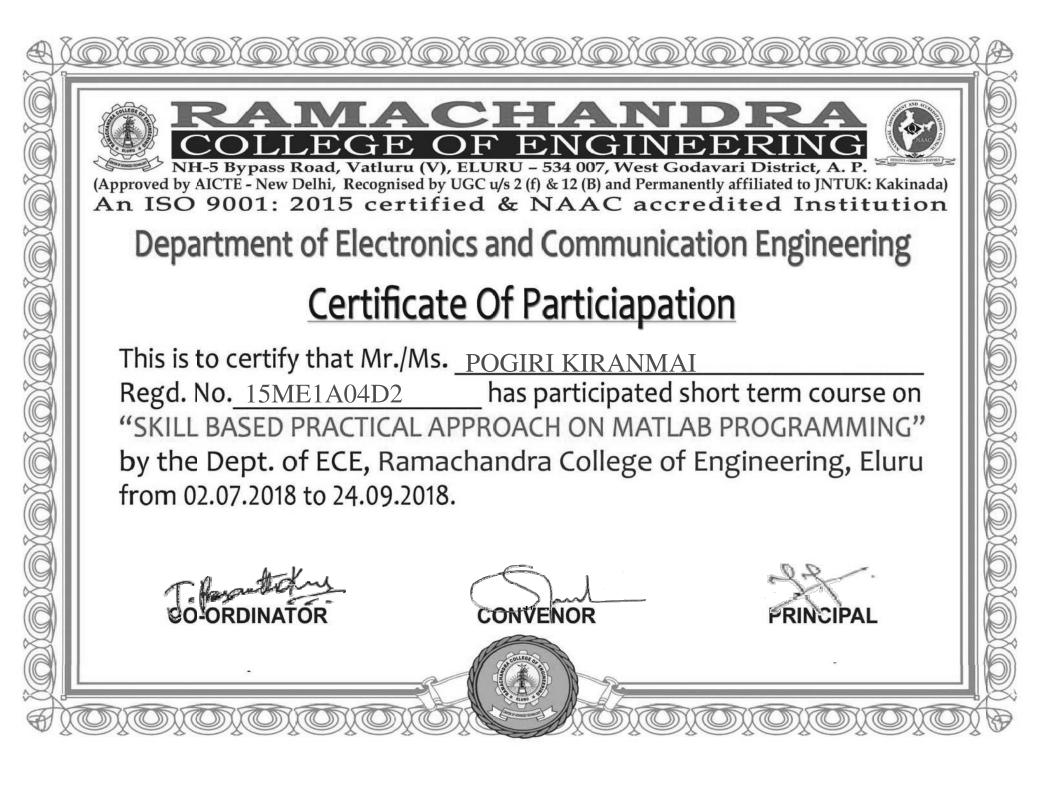




















### **BOS-MINUTES OF MEETING**

Thursday, June 1st 2017.

The BOS Meeting of Ramachandra College of Engineering, Eluru is held at the Secretary's chamber at 02.00PM on June 1<sup>st</sup>, 2017.

### **AGENDA:**

- 1. To plan the Certificate Programs to be handled for A.Y 2017-18.
- 2. To Plan the Add on Programs to be handled for A.Y 2017-18.
- 3. To Plan the Value Added Courses to be handled for A.Y 2017-18.

### The Following points has been discussed and resolved:

1. As per Discussions made the following are the Certification Programs to be undertaken in this Academic year by the respective Departments

S.no	Name of the Certification Program	Department to be Organised
1	Skill Based Practical Approach on MATLAB-	
1	Programming	Civil Engineering
2	AMCAT Training Program - CIVIL	Civil Engineering
3	Skill Based Practical Approach on MATLAB-	Electrical and Electronics
	Programming	Engineering
4		Electrical and Electronics
4	Skill Based Practical Approach on PSPICE	Engineering
5		Electrical and Electronics
3	AMCAT Training Program - EEE	Engineering
6	Lathe Operator under PMKVY Scheme	Mechanical Engineering
7	AMCAT Training Program - Mechanical	Mechanical Engineering
8		Electronics and
0	Test and Repair Technician Under PMKVY Scheme	Communication Engineering
9	Skill Based Practical Approach on Programmable	Electronics and
9	Logic Controller	Communication Engineering
10		Electronics and
10	AMCAT Training Program - ECE	Communication Engineering
11	NPTEL Certification on Introduction to	Computer Science and
1.1	Programming in C	Engineering
12	Domestic Data Entry Operator under PMKVY	Computer Science and
14	Scheme	Engineering
13		Computer Science and
	AMCAT Training Program - CSE	Engineering

- 2. As per Discussions made the Add on Programs to be undertaken in this Academic year by the respective Departments and should be planned accordingly by the respective HOD's
- 3. As per Discussions made the following are the Value Added Courses to be undertaken in this Academic year by the respective Departments

S.no	Name of the Certification	Course Code	Department to be Organised
	Program		
1			Common to CIVIL,
1	Bridge Course	BC001	EEE,ECE,Mechanical,CSE
	Course on Communication		
2	Skill and Personality		Common to CIVIL,
2	Development_Module-1		EEE,ECE,Mechanical,CSE
	( For Second Year Students)	CS003_1	
	Course on Communication		
3	Skill and Personality		Common to CIVIL,
3	Development_Module-2		EEE,ECE,Mechanical,CSE
	( For Third Year Students)	CS003_2	
	Course on Communication		
4	Skill and Personality		Common to CIVIL,
	Development_Module-3		EEE,ECE,Mechanical,CSE
	( For Fourth Year Students)	CS003_3	
5			Common to CIVIL,
3	Yoga and Meditation	YM004	EEE,ECE,Mechanical,CSE
6	Fault analysis in home		Department of Electrical and
U	appliances	FAHA005	Electronics Engineering
7			Department of Mechanical
/	SOLID WORKS	SW006	Engineering
8	Circuit Design and Printed		Department of Electronics and
0	Circuit Board Fabrication	CDPCBF007	Communication Engineering
9			Department of Computer Science
9	Python Programming	PP008	Engineering

### The Members Present at the Meeting are:

S.no	Representatives	Name of Board Member	Designation
1	Member of Society	Sri K Venugopal	Secretary
2	JNTUK, University	Dr.P.SubbaRao	Member
	Nominee		
3.	Representative from	Mr.K.Chandra Kaladhara	Member
	Industry	Rao, ADE, Stage	
		IV,VTPS,Vijayawada	
4.	Principal	Dr.Dola Sanjay	Member

5.	Vice Principal	Dr.Jagan Mohan Rao	Member
6.	Academic Co-ordinator	Mr.Patcha Khan	Member
7.	HOD-CIVIL	Mr.Satyanarayana	Member
8.	HOD-EEE	Prof.S.Jayalakshmi	Member
9.	HOD-MECHANICAL	Dr. VaraPrasad	Member
10.	HOD-ECE	Dr. Yedukondalu	Member
11.	HOD-CSE	Dr.G.Srinivasa Rao	Member





### **CIRCULAR**

**Ref: RCE/PO/2017-18/CERTIFICATION PROGRAMS** 

This is to inform to all the Departments that as per the discussions made in the BOS – Meeting the following are the certification Programs to be organised by the respective Departments for Academic Year: 2017-18.

S.no	Name of the Certification Program	Department to be Organised
1	Skill Based Practical Approach on MATLAB-	
1	Programming	Civil Engineering
2	AMCAT Training Program - CIVIL	Civil Engineering
2	Skill Based Practical Approach on MATLAB-	<b>Electrical and Electronics</b>
3	<b>Programming</b>	Engineering
4		Electrical and Electronics
4	Skill Based Practical Approach on PSPICE	Engineering
5		Electrical and Electronics
3	AMCAT Training Program - EEE	Engineering
6	Lathe Operator under PMKVY Scheme	Mechanical Engineering
7	AMCAT Training Program - Mechanical	Mechanical Engineering
8		Electronics and
0	Test and Repair Technician Under PMKVY Scheme	Communication Engineering
9	Skill Based Practical Approach on Programmable	Electronics and
9	Logic Controller	Communication Engineering
10		Electronics and
10	AMCAT Training Program - ECE	Communication Engineering
11	NPTEL Certification on Introduction to	Computer Science and
11	Programming in C	Engineering
12	Domestic Data Entry Operator under PMKVY	Computer Science and
12	Scheme	Engineering
13		Computer Science and
13	AMCAT Training Program - CSE	Engineering

Copy to: The Chairman, Secretary and Correspondent, Principal, Vice-Principal, All Deans, All HoDs and Academic Coordinators, AO, Exams Section, TPO, PD, Library.



Date: 11-06-2017



## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING CIRCULAR

Date: 19-06-2018

Ref: RCEE/EEE/CP/2017-18/001/MATLAB PROGRAMMING

All the Faculty and Students are here by informed that Certificate Program on "Skill Based Practical Approach On MATLAB PROGRAMMING" is going to be held from 24-06-2017 to 30-09-2017 a Three Hour Session on Every Saturday at Electrical Simulation Lab in the Department of EEE all the Third Year Students who are interested are intimated to be part of it and avail the Opportunity.

Copy to: The Chairman, Secretary and Correspondent, Principal, Vice-Principal, All Deans, All HoDs and Academic Coordinators, AO, Exams Section, TPO, PD, Library, Transport.

TOD

#### **CHIEF PATRON**

Sri.Ghanta Sri Ramachandra Rao, *Chairman* Sri. K. VenuGopal, *Secretary* 

Smt.K.Rama VenuGopal, correspondent

#### **PATRON**

Dr.Dola Sanjay, M.Tech,Ph.D Principal

#### **CONVENER**

Prof. S. Jaya Lakshmi HOD, Department of EEE email:eeehod@rcee.ac.in

#### **CO-ORDINATOR**

Mr.V. Satyanarayana Associate Professor, EEE Department email:satyanarayana4923@rcee.ac.in

#### ADVISORY COMMITTEE MEMBER

Mr.A.Ashok Kumar, Assistant Professor

### **ORGANIZING COMMITTEE**

Mr.S.S.Sarma, Assistant Professor Mr.S.M.V.D Rao, Assistant Professor Mr.T.Ptrathap, Assistant Professor Mr.J.Suresh,Assistant Professor

### **IMPORTANT DATES:**

Last date for Registering Your Name: 21st June 2017

### **REGISTRATION FEE**

No Registration Fee

#### **HOW TO APPLY**

The Registration form in the prescribed proforma duly signed by the Head of the Department should reach the convener on or before 21<sup>st</sup> June, 2017.

### **SESSION PLAN**

1<sup>st</sup> – Week: Basic Features and Commands of Mat-Lab

2<sup>nd</sup> Week: Strengthening the Knowledge in Mat-Lab based Programming

3<sup>rd</sup> – Week: Mat-Lab Programming for Solutions to Electric Circuits

**4**<sup>th</sup> **Week:** Mat-Lab Programming for Solutions to Control Systems

5<sup>th</sup> Week: Simulink Model of Electric Circuits

6<sup>th</sup> Week: Simulink Model of Power Electronics

7<sup>th</sup> Week: Simulink Model of Power Electronics

8<sup>th</sup> Week: Simulink Model of Control Systems

9<sup>th</sup> Week: Simulink Model of Control Systems

10<sup>th</sup> Week: Hands on Practice

11<sup>th</sup> Week: Hands on Practice

12<sup>th</sup> Week: Assessment Test

# CERTIFICATION PROGRAM On "Skill Based Practical Approach On MATLAB PROGRAMMING"



#### 24-06-2017 TO 30-09-2017

An ISO 9001:2015 Certified Engineering College Graded 'A' by A.P Knowledge Mission, Govt of A.P Permanently Affiliated to JNTU- Kakinada Accredited by NAAC With B++

## Organized By DEPARTMENT OF Electrical and Electronics Engineering



RAMACHANDRA COLLEGE OF ENGINEERING
NH-5, Near Kalaparru Toll Plaza,
Vatluru(V),Pedapadu (M), Eluru,
West GodavariDist. AndhraPradesh-534 006
Ph: +91-8812- 215150,215151,215152
Website: www.rcee.ac.in

#### ABOUT THE COLLEGE

RAMACHANDRA COLLEGE OF ENGINEERING is a vibrant, forward looking Institution offering a high quality learning experience with a welcoming and friendly environment. RCE is approved by AICTE and affiliated to JNTU Kakinada. RCE aims at establishing academic credibility as an Institution offering dynamic UG, PG Engineering & MBA programs with Industry Interface, Research and Consultancy. RCE has a team of highly experienced, well qualified and dedicated faculty members in all disciplines.

The Institution is continuously striving for excellence by adopting changes to improve the systems, practices and performance. The college is located at a distance of 11 kms form Eluru.

#### ABOUT EEE DEPARTMENT

The Department of EEE has been offering a full time four year B.Tech Degree course since the inception of the institution. It is provided with all required infrastructural facilities like well equipped laboratories , well qualified & dedicated faculty and technically sound supporting staff. It is continuously striving to impart quality education and competitive spirit among students for academic excellence. The Department also runs M.Tech programme with specialization in Power Electronics.

#### **ABOUT MATLAB**

MATLAB provides a rich set of functionality for the Scientific and Engineering Domain application development. A High Level tool for conceptualization and benchmarking of Electrical Circuits and Control System, Power Electronics Modeling to name a few domains, it is fast evolving and becoming more and more user friendly. The Programming Language Syntax is similar to FORTRAN and C Languages. The tool is best suitable for Research Activities planning, development and benchmarking of results with current work done in the field.

#### **OBJECTIVES OF THE PROGRAM**

- 1. To emphasize the need for usage of software programs in the area of electrical engineering.
- 2. To impart knowledge in correlating concepts of Electrical Engineering with Software tools..
- 3. To impart knowledge in applying MATLAB tools for Electric Circuits, Control Systems and Power System.

#### TOPICS COVERED

- 1. Basic Features and Commands of Mat-Lab
- 2. Strengthening the Knowledge in Mat-Lab based Programming
- 3. Mat-Lab Programming for Solutions to Electric Circuits
- 4. Simulink Model of Power Electronics
- 5. Simulink Model of Control Systems

#### LEARNING OUTCOMES

1. Application of MATLAB Tools for Electric Circuits, Control Systems and Power Electronics Hands on experience

#### **ELIGIBILITY**

This program is open to all the EEE department UG & PG students, faculty members, Research Scholars Engineers from industries are also eligible to apply.

#### **RESOURCE PERSONS**

Prof.S.Jayalakshmi, HOD-EEE

Mr.V.Satyanarayana,

**Assistant Professor-EEE** 

Mr.S.S.Sarma,

**Assistant Professor-EEE** 

#### REGISTRATION FORM

## CERTIFICATION PROGRAM On "Skill Based Practical Approach On MATLAB PROGRAMMING"

1. Name of the Participant:
2. Class/Sec:
3. Address for Communication:
4. Phone Number with STD Code :
5. Mobile :
6. e-mail:

**Signature of the Participant** 





1. Name & Address of Programme: Skill Based Practical Approach on MATLAB - Programming

Ramachandra College of Engineering, NH-16- ByPass Road, Vatluru(V), Eluru PIN: 534007,

West Godavari District, Andhra Pradesh,

India Phone: 08818-215150, email:

media@rcee.ac.in

2. Programme Location : Department of Electrical & Electronics Engineering,

Ramachandra College of Engineering, Eluru.

**3.** Programme Date : From 24-06-2017 to 30-09-2017

**4.** Name of the Coordinator : Prof.S.Jayalakshmi

**5.** No. of candidate attended the Programme : 65

6. List of Participants: ANNEXURE -I

7. Program Schedule/Course Plan : *ANNEXURE – II* 

8. List of Resource Persons: ANNEXURE -III

**9.** Assessment Paper : *ANNEXURE-IV* 

**10.** Summary : *ANNEXURE-V* 





### ANNEXURE – I

S.no	Roll Number	Name of Participant	Class/Sec
1	15ME1A0204	Anubothu Sandhya	III-EEE-A
2	15ME1A0205	A V S L Sahiti	III-EEE-A
3	15ME1A0206	Athyem Hasanthi	III-EEE-A
4	15ME1A0208	Balusu Ashok	III-EEE-A
5	15ME1A0216	Challa Sai Pavan	III-EEE-A
6	15ME1A0217	Ch Harikiran	III-EEE-A
7	15ME1A0218	Cheemala Mohan	III-EEE-A
8	15ME1A0219	Chidagam Bhaskar	III-EEE-A
9	15ME1A0220	C S D Sailakshmi	III-EEE-A
10	15ME1A0221	Ch Joshna Anvitha	III-EEE-A
11	15ME1A0227	Dunga Apsi	III-EEE-A
12	15ME1A0228	D Mounika	III-EEE-A
13	15ME1A0230	Gorla Swetha	III-EEE-A
14	15ME1A0231	G Ramya Bharathi	III-EEE-A
15	15ME1A0233	Jogi Lalitha	III-EEE-A
16	15ME1A0234	J Poonam Sharma	III-EEE-A
17	15ME1A0245	K Jagadeesh	III-EEE-A
18	15ME1A0246	K Jagadeswari	III-EEE-A
19	15ME1A0247	K Ramgopal	III-EEE-A
20	16ME5A0201	A Hanumansai	III-EEE-A
21	16ME5A0202	B Ravindra	III-EEE-A
22	16ME5A0203	B Mounika	III-EEE-A
23	16ME5A0204	B Vinod Kumar	III-EEE-A
24	16ME5A0205	B Prem Chand	III-EEE-A
25	16ME5A0206	B S Dharma Teja	III-EEE-A
26	16ME5A0207	B N Siva Kumar	III-EEE-A
27	16ME5A0208	D Sandhya Rani	III-EEE-A
28	16ME5A0209	D Satyanarayana	III-EEE-A
29	16ME5A0210	Gali Ravi Kumar	III-EEE-A
30	16ME5A0211	Gavadra Mahesh	III-EEE-A
31	16ME5A0212	G C Bhanu Devi	III-EEE-A
32	15ME1A0262	Muppuri Venkatesh	III-EEE-B
33		Musunuri Chandini	III-EEE-B
34		Nallajarla Suribabu	III-EEE-B
35	15ME1A0266		III-EEE-B

	1		T
36	15ME1A0274	Potharaju Lalitha Priya	III-EEE-B
37	15ME1A0275	Potluri Hitesh Krishna	III-EEE-B
38	15ME1A0276	Pragada Uday Kiran	III-EEE-B
39	15ME1A0286	Sankula Anurag Sai	III-EEE-B
40	15ME1A0287	Saradhi Gayatri	III-EEE-B
41	15ME1A0288	Sayed Bushra	III-EEE-B
42	15ME1A0295	Thokala Bhagyasri	III-EEE-B
43	15ME1A0296	Thota Mauneesha	III-EEE-B
44	15ME1A0297	Tirunagari Vinitha	III-EEE-B
45	15ME1A0298	Tummuri Manikantha	III-EEE-B
46	16ME5A0213	G Eswara Durga Prasad	III-EEE-B
47	16ME5A0214	Karibandi Srinivas	III-EEE-B
48	16ME5A0215	Katta Madhavi	III-EEE-B
49	16ME5A0216	Kolavanti Ratnam	III-EEE-B
50	16ME5A0217	Kota Sai Krishna	III-EEE-B
51	16ME5A0218	Kothapalli Nanda Kumar	III-EEE-B
52	16ME5A0219	M Naga Venkata Surya	III-EEE-B
53	16ME5A0220	Matta Pavan Kumar	III-EEE-B
54	16ME5A0221	Miriyala Pavan Kalyan	III-EEE-B
55	16ME5A0223	Mohammed Hussain Shariff	III-EEE-B
56	16ME5A0224	Murala Anil Kumar	III-EEE-B
57	16ME5A0225	Nimmagadda Arun Kumar	III-EEE-B
58	16ME5A0226	Panduri Durga Prasad	III-EEE-B
59	16ME5A0227	Pingula Akhil	III-EEE-B
60	16ME5A0228	Redlam Koteswara Rao	III-EEE-B
61	16ME5A0229	Saggurthi Pavan Sai Kumar	III-EEE-B
62	16ME5A0230	Singaparapu Bhanu Prakash	III-EEE-B
63	16ME5A0231	Thumu Venkata Ganesh	III-EEE-B
64	16ME5A0232	Singireddy Haritha	III-EEE-B
65	16ME5A0234	Bollina Venkata Kalyan	III-EEE-B









## ANNEXURE – II

Session	Subject/Topic	Faculty
2	3	4
3hrs	Basic Features and Commands of Mat-Lab	Prof.S.Jayalakshmi
3hrs	Strengthening the Knowledge in Matlab based Programming	Mr.V.Satyanarayana
3hrs	Matlab Programming for Solutions to Electric Circuits	Mr.S.S.Sarma
3hrs	Matlab Programming for Solutions to Control Systems	Mr.S.S.Sarma
3hrs	Simulink Model of Electric Circuits	Prof.S.Jayalakshmi
3hrs	Simulink Model of Power Electronics	Mr.S.S.Sarma
3hrs	Simulink Model of Power Electronics	M.V.Satyanarayana
3hrs	Simulink Model of Control Systems	Mr.S.S.Sarma
3hrs	Simulink Model of Control Systems	M.V.Satyanarayana
3hrs	Hands on Practice	Mr.S.S.Sarma
3hrs	Hands on Practice	Mr.S.S.Sarma
3hrs	Assessment Test	M.V.Satyanarayana
	3hrs 3hrs 3hrs 3hrs 3hrs 3hrs 3hrs 3hrs	3 3hrs Basic Features and Commands of Mat-Lab 3hrs Strengthening the Knowledge in Matlab based Programming 3hrs Matlab Programming for Solutions to Electric Circuits 3hrs Simulink Model of Electric Circuits 3hrs Simulink Model of Power Electronics 3hrs Simulink Model of Power Electronics 3hrs Simulink Model of Control Systems 3hrs Simulink Model of Control Systems 3hrs Hands on Practice 3hrs Hands on Practice

Note: No.of Hours Conducted: 36hrs (In 3-Months Duration)

HOD





## ANNEXURE – III

S. No	Name and Address	Designation	Organization
1	Prof.S.Jayalakshmi	Professor	Ramachandra College of Engineering
2	Mr.V.Satyanarayana	Assistant Professor	Ramachandra college of Engineering
3	Mr.S.S.Sarma	Assistant Professor	Ramachandra college of Engineering

HOD





### ANNEXURE - IV

## **Assessment Paper**

### **Department of Electrical and Electronics Engineering**

### **Certification Program on MATLAB - Programming**

Name of the Student	: Class/Sec:	Date:	
1. Which one of the	following lists contains only legal MAT	LAB variable names?	
a) Year-2012,tim	e		
b) my Time,1stV	ar		
c) 2nd_Var,my_c	currency		
d) my-ID,iii			
e) MyScore1,Stu	dent1_ID		
2. What is the output	of the following script?		
number = 3; switch number case {1, 3, 5} disp('Odd'); case {2, 4, 6}	switch number case {1, 3, 5}		

a) Error

end

otherwise
disp('Error!');

disp('Even'); case {3, 6}

- b) A Multiple of three
- c) Odd A Multiple of Three

disp('A multiple of three');

- d) Even
- e) Odd

3. Which one of the following scripts prompts the user for a negative number until the user does so? Assume the user enters only scalar numbers, i.e., no arrays or strings.

```
a) prompt = 'Negative number? ';
   while true
   number = input(prompt);
   if number < 0
   break;
   end
   end
b) prompt = 'Negative number? ';
   while true
   number = input(prompt);
   if number \leq 0
   break;
   end
   end
c) prompt = 'Negative number? ';
   while number > 0
   number = input(prompt);
d) prompt = 'Negative number? ';
   while number >= 0
   number = input(prompt);
   end
e) repeat
   number = input('Negative number? ');
   until number < 0
```

- 4. which of the following is not a pre-defined variable in Matlab
  - a) pi
  - b) inf
  - c) i
  - d) gravity
  - e) j
- 5. Which of the following will correctly define x, y, and z as symbols?
  - a) sym(X,Y,Z)
  - b) syms x y z
  - c) syms x,y,z
  - d) sym x,y,z

- 6. In Matlab, this keyword immediately moves to the next iteration of the loop: a) Update b) goto c) continue d) break 7. The output of cat=['cat' 'dog'] is a) catdog b) cat dog c) Cat&dog d) CatDog 8. Which of the following software errors can be detected by MATLAB before executing a program? a) Logical Error b) Run Time Error c) Syntax Error d) Division By Zero Error 9. Given the following function, function [out1, out2] = test\_func(vec) out1 = vec(1); out2 = 1; m = length(vec);for i = 2:mif vec(i) > out1out1 = vec(i);out2 = i; end end What is the output when this function is called as follows? >> [val, ind] = test\_func([-2 -4 0 1 4 -1]); >> disp([val ind]); 14 a) 03 b) c) 4 5 -42 d) 10. Which of the following can be used to export a MATLAB plot to a colour
- 10. Which of the following can be used to export a MATLAB plot to a colour postscript (PS) file?
  - a) Print -cp myplot
  - b) Save –cp myplot
  - c) Print -dpsc myplot
  - d) Save -dpsc myplo

**Note:** Assessment will be done for **20Marks** each bit carrying **2Marks** if the participant gets 12marks he will be awarded with the certificate.





### **Summary:**

The students felt that this Certification Program on Matlab Programming is a wonderful and contented lecture from the eminent persons. And also they expressed that they came to know about the new concepts in Matlab Programming which will be very useful for them to do some research work. All the Students Participated in the Certification Program has cleared the Assessment Test and certificates are distributed to them and also they requested to conduct this kind of programs once in the semester.

HOD





## SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Anubothu Sandhya bearing Roll Number: 15ME1A0204 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

HOD





## SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms A V S L Sahiti bearing Roll Number: 15ME1A0205

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB

PROGRAMMING" a certification program Conducted by Department of Electrical and

Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017

to 30-9-2017.

**Co-ordinator** 

HOD





## SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Athyem Hasanthi bearing Roll Number: 15ME1A0206 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Balusu Ashok bearing Roll Number: 15ME1A0208

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB

PROGRAMMING" a certification program Conducted by Department of Electrical and

Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017

to 30-9-2017.

**Co-ordinator** 

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## SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Challa Sai Pavan bearing Roll Number: 15ME1A0216

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB

PROGRAMMING" a certification program Conducted by Department of Electrical and

Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017

to 30-9-2017.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Ch Harikiran bearing Roll Number: 15ME1A0217

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB

PROGRAMMING" a certification program Conducted by Department of Electrical and

Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017

to 30-9-2017.

**Co-ordinator** 

HOD





## SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Cheemala Mohan bearing Roll Number: 15ME1A0218 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

HOD





## SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Chidagam Bhaskar bearing Roll Number: 15ME1A0219 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

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## SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms C S D Sailakshmi bearing Roll Number: 15ME1A0220 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

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## SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Ch Joshna Anvitha bearing Roll Number: 15ME1A0221 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

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## SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Dunga Apsi bearing Roll Number: 15ME1A0227

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

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## SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms D Mounika bearing Roll Number: 15ME1A0228

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

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### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Gorla Swetha bearing Roll Number: 15ME1A0230 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

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### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms G Ramya Bharathi bearing Roll Number: 15ME1A0231 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

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### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Jogi Lalitha bearing Roll Number: 15ME1A0233

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

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### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms J Poonam Sharma bearing Roll Number: 15ME1A0234 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

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#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms K Jagadeesh bearing Roll Number: 15ME1A0245

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB

PROGRAMMING" a certification program Conducted by Department of Electrical and

Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017

to 30-9-2017.

**Co-ordinator** 

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### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms K Jagadeswari bearing Roll Number: 15ME1A0246

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB

PROGRAMMING" a certification program Conducted by Department of Electrical and

Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017

to 30-9-2017.

**Co-ordinator** 

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### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms K Ramgopal bearing Roll Number: 15ME1A0247

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB

PROGRAMMING" a certification program Conducted by Department of Electrical and

Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017

to 30-9-2017.

**Co-ordinator** 

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### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms A Hanumansai bearing Roll Number: 16ME5A0201 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

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#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms B Ravindra bearing Roll Number: 16ME5A0202

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

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### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms B Mounika bearing Roll Number: 16ME5A0203

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

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### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms B Vinod Kumar bearing Roll Number: 16ME5A0204 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

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### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms B Prem Chand bearing Roll Number: 16ME5A0205

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB

PROGRAMMING" a certification program Conducted by Department of Electrical and

Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017

to 30-9-2017.

**Co-ordinator** 

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### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms B S Dharma Teja bearing Roll Number: 16ME5A0206 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

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### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms B N Siva Kumar bearing Roll Number: 16ME5A0207

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB

PROGRAMMING" a certification program Conducted by Department of Electrical and

Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017

to 30-9-2017.

**Co-ordinator** 

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### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms D Sandhya Rani bearing Roll Number: 16ME5A0208

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB

PROGRAMMING" a certification program Conducted by Department of Electrical and

Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017

to 30-9-2017.

**Co-ordinator** 

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### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms D Satyanarayana bearing Roll Number: 16ME5A0209 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

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### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Gali Ravi Kumar bearing Roll Number: 16ME5A0210 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

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### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Gavadra Mahesh bearing Roll Number: 16ME5A0211 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

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### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms G C Bhanu Devi bearing Roll Number: 16ME5A0212

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB

PROGRAMMING" a certification program Conducted by Department of Electrical and

Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017

to 30-9-2017.

**Co-ordinator** 

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### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Muppuri Venkatesh bearing Roll Number: 15ME1A0262 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Musunuri Chandini bearing Roll Number: 15ME1A0264 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Nallajarla Suribabu bearing Roll Number: 15ME1A0265 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

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#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Nalluri Navya bearing Roll Number: 15ME1A0266

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB

PROGRAMMING" a certification program Conducted by Department of Electrical and

Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017

to 30-9-2017.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms P Lalitha Priya bearing Roll Number: 15ME1A0274

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB

PROGRAMMING" a certification program Conducted by Department of Electrical and

Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017

to 30-9-2017.

**Co-ordinator** 

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#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms P Hitesh Krishna bearing Roll Number: 15ME1A0275 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms P Uday Kiran bearing Roll Number: 15ME1A0276

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB

PROGRAMMING" a certification program Conducted by Department of Electrical and

Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017

**Co-ordinator** 

to 30-9-2017.

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms S Anurag Sai bearing Roll Number: 15ME1A0286

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB

PROGRAMMING" a certification program Conducted by Department of Electrical and

Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017

**Co-ordinator** 

to 30-9-2017.

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### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Saradhi Gayatri bearing Roll Number: 15ME1A0287

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB

PROGRAMMING" a certification program Conducted by Department of Electrical and

Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017

to 30-9-2017.

**Co-ordinator** 

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### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Sayed Bushra bearing Roll Number: 15ME1A0288

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB

PROGRAMMING" a certification program Conducted by Department of Electrical and

Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017

to 30-9-2017.

**Co-ordinator** 

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### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Thokala Bhagyasri bearing Roll Number: 15ME1A0295 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

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### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Thota Mauneesha bearing Roll Number: 15ME1A0296 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

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### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Tirunagari Vinitha bearing Roll Number: 15ME1A0297 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms T Manikantha bearing Roll Number: 15ME1A0298

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB

PROGRAMMING" a certification program Conducted by Department of Electrical and

Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017

to 30-9-2017.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms G E D Prasad bearing Roll Number: 16ME5A0213

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB

PROGRAMMING" a certification program Conducted by Department of Electrical and

Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017

**Co-ordinator** 

to 30-9-2017.

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### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Karibandi Srinivas bearing Roll Number: 16ME5A0214 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Katta Madhavi bearing Roll Number: 16ME5A0215

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB

PROGRAMMING" a certification program Conducted by Department of Electrical and

Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017

to 30-9-2017.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Kolavanti Ratnam bearing Roll Number: 16ME5A0216 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Kota Sai Krishna bearing Roll Number: 16ME5A0217 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms K Nanda Kumar bearing Roll Number: 16ME5A0218 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms M Venkata Surya bearing Roll Number: 16ME5A0219 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms M Pavan Kumar bearing Roll Number: 16ME5A0220 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms M Pavan Kalyan bearing Roll Number: 16ME5A0221 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

HOD





### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Md Hussain Shariff bearing Roll Number: 16ME5A0223 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms M Anil Kumar bearing Roll Number: 16ME5A0224

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB

PROGRAMMING" a certification program Conducted by Department of Electrical and

Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017

to 30-9-2017.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms N Arun Kumar bearing Roll Number: 16ME5A0225

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB

PROGRAMMING" a certification program Conducted by Department of Electrical and

Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017

to 30-9-2017.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms P Durga Prasad bearing Roll Number: 16ME5A0226

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB

PROGRAMMING" a certification program Conducted by Department of Electrical and

Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017

to 30-9-2017.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Pingula Akhil bearing Roll Number: 16ME5A0227

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB

PROGRAMMING" a certification program Conducted by Department of Electrical and

Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017

to 30-9-2017.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms R Koteswara Rao bearing Roll Number: 16ME5A0228 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms S P Sai Kumar bearing Roll Number: 16ME5A0229

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB

PROGRAMMING" a certification program Conducted by Department of Electrical and

Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017

to 30-9-2017.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms S Bhanu Prakash bearing Roll Number: 16ME5A0230 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms TVGanesh bearing Roll Number: 16ME5A0231

of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms Singireddy Haritha bearing Roll Number: 16ME5A0232 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

HOD





#### SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING

This is to certify that Mr/Ms B Venkata Kalyan bearing Roll Number: 16ME5A0234 of III-EEE has participated in the "SKILL BASED PRACTICAL APPROACH ON MATLAB PROGRAMMING" a certification program Conducted by Department of Electrical and Electronics Engineering at RAMACHANDRA COLLEGE OF ENGINEERING from 24-06-2017 to 30-9-2017.

**Co-ordinator** 

HOD