



**MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)**  
(An UGC Autonomous Institution, Affiliated to JNTUH, Hyderabad Accredited 2<sup>nd</sup> time by NAAC  
with 'A' Grade & NBA and Recipient of World Bank Assistance under TEQIP-II S.C. I.I)  
Maisammaguda (H), Medchal-Malkajgiri District, Secunderabad,  
Telangana State – 500100  
www.mrec.ac.in

## Department of Electrical and Electronics Engineering

### CIRCULAR

Date: 27.09.2021


All the students are hereby informed that Value Added Course on MATLAB simulation in Power Electronics & Power Systems components from 4<sup>th</sup> Oct to 8<sup>th</sup> Oct 2021 is being organized by the Electrical and Electronics Engineering . The resource person for the course is Mr.B.Anil kumar Project engineer. Students are advised to register their names to the programme coordinator Dr. P Sarala on or before 01.10.2021 and utilize this opportunity to enhance their skills by attending the programme.

The detailed schedule of the programme will be displayed in the notice board.

  
Head of the Department  
Malla Reddy Engineering College  
(Autonomous)  
Maisammaguda, Dhulapally,  
(Post Via Kompally), Sec'bad-500 100.

Copy to:

- 1) Circulation in Students classroom
- 2) All HOD's
- 3) Notice Boards
- 4) PA to principal for filing.

  
Principal  
Malla Reddy Engineering College  
Maisammaguda, Dhulapally,  
(Post Via Kompally), Sec'bad-500100.

### About the Institution

**Malla Reddy Engineering College (Autonomous)** is one of the reputed engineering colleges in Hyderabad, Telangana. **MREC (A)** is part of Malla Reddy Group of Institutions (MRGI), founded by Sri. Ch. Malla Reddy. The college is situated in a serene, lush green environment in Maisammaguda, Gundlapochampally, Medchal(M), Medchal-Malkajgiri District Telangana- 500100.

The college was established in 2002 and is an autonomous institution approved by UGC and affiliated to JNTUH. The college is re-accredited by NAAC with 'A' Grade (II Cycle) and was conferred autonomous status by JNTUH in 2011 and by UGC in 2014 for a period of 6 years. Our eligible UG and PG programs received NBA accreditation and some of them received reaccreditation too. Institute Offers all branches of Engineering & Technology and Management. It boasts of world-class infrastructure and well-equipped laboratories in all departments and is skillfully and smartly guided by **Dr. A.Raveendra , Principal, MREC (A)** who have a rich teaching and industrial experience.

*Principal*  
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Maisammaguda, Dhulapally,  
Medchal (M), Medchal-Malkajgiri District  
Telangana-500100

### Advisory Committee:

**Chief Patrons:** Sri. Ch. Malla Reddy, Minister-  
Telangana State-India.

Founder Chairman  
**Malla Reddy Group of  
Institutions**

**Patrons:** **Sri.Ch. Mahender Reddy**  
Secretary, MRGI  
**Dr.Ch.Bhadra Reddy**  
President, MRGI

**Co-Patrons:** **Dr. A.Raveendra**  
Principal, MREC(A)

**Convener:** Dr.N.Rajeswaran  
**HOD EEE**

**Coordinator:** **Dr.P Sarala**  
Associate Professor, EEE

**Resource Person : Mr.B.Anil kumar**  
Project engineer

### Organizing Committee:

Dr.N.Rajeswaran, Professor, EEE  
Dr.T.Rajesh, Associate Professor, EEE  
Mr.P. Kamalakar, Assoc. Professor, EEE  
Mr.Ch Narendra Kumar, Assoc. Professor, EEE  
Mr.V.Ganesh Kumar, Assoc. Professor, EEE  
Mr. C Rami Reddy, Asst.Prof, EEE  
Mrs.Md Praveen, Asst.Prof, EEE  
Mrs.S. Bharathi, Asst.Prof, EEE  
Mr.KSS Naga Teja, Asst.Prof, EEE  
Mr.P.Ganesh, Asst.Prof, EEE  
Mr.Madhu Mohan Reddy A, Asst.Prof, EEE  
Mrs.V.Suma Deepthi, Asst.Prof, EEE  
Mrs D Chandrashekar, Asst.Prof, EEE



*A Value added Course  
On*

**"MATLAB simulation in Power Electronics &  
Power Systems components"**

(04/10/2021 to 08/10/2021)



**Organized by**  
**Department of**  
**Electrical and Electronics Engineering**  
**MALLA REDDY ENGINEERING COLLEGE**  
(AUTONOMOUS) MAIN CAMPUS

An UGC Autonomous Institution, Approved by  
AICTE & Affiliated to JNTUH-Hyderabad  
Reaccredited by NAAC with 'A' Grade (II Cycle)  
Maisammaguda(H), Gundlapochampally (V),  
Medchal (M), Medchal-Malkajgiri District  
Telangana-500100, India.

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Maisammaguda, Dhulapally,  
Medchal (M), Medchal-Malkajgiri District  
Telangana-500100



## Registration Form

Name of the Participant :-----

-----

Branch & Year :-----

Name of Institution:-----

-----

Address for Communication:-----

-----

-----

Mobile Number:-----

E-Mail ID:-----

### DECLARATION:

The information furnished above is true to the best of my Knowledge.

Place:

Date:

Signature of Applicant

## About the Department:

**The Department of Electrical and Electronics Engineering at MREC has been producing high quality technical manpower needed by industry, R&D organizations, and academic institutions since 2002 with an Intake of 60. The Department also offering PG Program EPS The department UG Program was accredited by NBA in 2008 and Re-accredited in 2014.**

## Overview of the Programme:

The primary responsibility of faculty is not only to inspire students towards a higher vision but also create a strong sense of bonding between the institution and the students to nurture a stress-free holistic environment. To enhance the quality of life for the faculty members enabling them to introspect and learn techniques that imbibe ethics & morals in their teaching and help pre-prepare students for active and successful participation in a modern society, producing individuals of high character, probity and honor.

Proposed FDP is helping to imbibe the skills and competencies required to achieve goals directed by values, to maintain and enhance faculty effectiveness by inculcating dynamism and leadership qualities and to develop commitment and ethical approach towards work, and instill a sense of responsibility towards the institution. Also to enhance communication and soft skills, by introducing innovative teaching methodologies and developing an inter-personal connection with students. To achieve this goal, Art of Living foundation is conducting this workshop through ATAL.

## Objectives of the Programme:

- To imbibe the skills and competencies required to achieve goals directed by values.
- To use the techniques, skills and modern engineering tools necessary for engineering
- To understand the Fundamentals to design a Power electronics and power systems components using MATLAB.
- Ability to communicate effectively on the Software tools.

## Topics to be covered:

- Basics of MATLAB Simulation
- Design of different types of transmission and distribution systems
- Design of controllers and Inverters

  
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 NBA and Recipient of World Bank Assistance under TEQIP-II S.C. 1.1)  
 Maisammaguda (H), Medchal-Malkajgiri District, Telangana State – 500100

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### Value Added Course


on

“MATLAB simulation in Power Electronics & Power Systems Components”

4<sup>th</sup> Oct to 8<sup>th</sup> Oct 2021

### Programme Schedule

Date	Time	Topic	Resource Person
04-10-2021	10:10 – 11.00AM	Inauguration	B.Anil Kumar
	11:00 -11:15AM	Tea Break	
	11.15 – 12:45 PM	Introduction	
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	Basics of MATLAB Simulation	
	2:30 – 2:45PM	Tea Break	
	2:45 -4:00 PM	Explain about Library in MATLAB	
05-10-2021	9:30 – 11.00AM	Block diagram design	B.Anilkumar
	11:00 -11:15AM	Tea Break	
	11.15– 12:45 PM	Design of different types of systems	
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	Design of transmission system	
	2:30 – 2:45PM	Tea Break	
	2:45 -4:00 PM	Design of distribution system	
	9:30 – 11.00AM	Design of dynamic systems	
	11:00 -11:15AM	Tea Break	
	11.15 – 12:45 PM	Design of controllers	

  
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 (Post Via Kotamrahu, Sec 10, Hyderabad-500022)



06-10-2021	12:45 – 1:30PM	<b>Lunch</b>	B.Anil Kumar
	1:30 – 2:30 PM	Design of inverters	
	2:30 – 2:45PM	<b>Tea Break</b>	
	2:45 -4:00 PM	Design of AC motors in MATLAB	
07-10-2021	9:30 – 11.00AM	Design of transformer	B.Anil Kumar
	11:00 -11:15AM	<b>Tea Break</b>	
	11.15 – 12:45 PM	Calculations for modelling systems	
	12:45 – 1:30PM	<b>Lunch</b>	
	1:30 – 2:30 PM	Training session on MATLAB Simulation	
	2:30 – 2:45PM	<b>Tea Break</b>	
	2:45 -4:00 PM	Explain about program run in MATLAB	
08-10-2021	9:30 – 11.00AM	Design of semiconductor devices	B.Anil Kumar
	11:00 -11:15AM	<b>Tea Break</b>	
	11.15 – 12:45 PM	Practice session on MATLAB	
	12:45 – 1:30PM	<b>Lunch</b>	
	1:30 – 2:30 PM	Practice session on MATLAB	
	2:30 – 2:45PM	<b>Tea Break</b>	
	2:45 -4:00 PM	Valedictory	

  
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## MALLA REDDY ENGINEERING COLLEGE

(UGC) Autonomous Institution, Approved by AICTE, New Delhi & Affiliated to JNTU, Hyderabad. Accredited by NMAC with A Grade (cycle II) Malsammaguda (H), Medchal Malkajgiri District, Secunderabad.

Telangana State - 500100, www.mre.ac.in

Department: EE

Course: B.Tech

Date: 22/11/2021 to  
22/11/2021

### DEPARTMENT OF ELECTRICAL and ELECTRONICS ENGINEERING

Academic Year 2021-2022

#### Value Added Course on "MATLAB Simulation in Power Electronics & Power Systems Components"

#### SYLLABUS

#### 1. INTRODUCTION TO SWITCHED MODE POWER CONVERTERS, PERFORMANCE AND ANALYSIS OF BUCK DC-DC CONVERTER

- A brief introduction on the need of switch mode power converters and their everyday applications.
- The performance and analysis of buck DC-DC converters.

#### 2. SIMULATION OF BOOST DC-DC CONVERTER

- Using simulation tools from different software packages to simulate and perform high-level design of a boost DC-DC converter.

#### 3. BOOST DC-DC CONVERTER, GATE DRIVER DESIGN

- The performance and analysis of boost DC-DC converters.
- Using simulation tools from different software packages to simulate and perform high-level and gate driver design of a boost converter.

#### 4. UP/DOWN DC-DC CONVERTERS

- The performance and analysis of various Up/Down DC-DC converters. • Implement design techniques using simulation tools on the studied Up/Down converters.

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## 5. MODELING OF DC-DC CONVERTERS

- The development of small signal models for various DC-DC converters.
- Build simulation blocks to validate the modeled systems.

## 6. FEEDBACK CONTROL OF DC-DC CONVERTERS

- The design of feedback control system using analog circuits for DC-DC converters.
- Simulate a fully designed closed loop DC-DC converter.
- Modern Applications Of Power Electronic Converters
- Studying some of the modern applications of power electronic converters in electric vehicles, renewable energy systems and data centers.

  
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NAAC with 'A' Grade & NBA and Recipient of World Bank Assistance under II QIP- II  
SC I II)

Maisammaguda (H), Medchal-Malkajgiri District, Telangana  
State – 500100

Department: EEE

Course : B.Tech

Date: 04/10/2021 to 8/10/2021

**DEPARTMENT OF ELECTRICAL and ELECTRONICS ENGINEERING**

**List of Students Enrolled for Value Added Course**

**Academic Year 2020-2021**

**Name of the Value Added Course : MATLAB Simulation in Power Electronics &  
Power Systems Components**

EEE A

Sl.No	Roll No	Name	YEAR /SEMESTER
1	19J41A0201	ALAKANTI RAJU	III/I
2	19J41A0202	ANNAM PRASHANTH	III/I
3	19J41A0203	BANDA PRANITHA	III/I
4	19J41A0204	BANDAMEEDI SHIVA TEJA	III/I
5	19J41A0205	BANDARI SAI	III/I
6	19J41A0206	BANDI KANTI CHETAN	III/I
7	19J41A0207	BANGARU VARSHA	III/I
8	19J41A0208	BANOTH SATHISH	III/I
9	19J41A0209	BANOTHU SANDEEP	III/I
10	19J41A0210	BHUKYA HARSHAVARDHAN	III/I
11	19J41A0211	BOTTA JOGESWAR VARA PRASAD YADAV	III/I
12	19J41A0212	BURRA DURGESWARA RAO	III/I
13	19J41A0213	BUSINETI VENKATESH	III/I
14	19J41A0214	CHINNABAGANI VINAY KUMAR	III/I
15	19J41A0215	CHIRRA TRIVENI	III/I
16	19J41A0216	D HARSHAVARDHAN REDDY	III/I
17	19J41A0217	DANDU RANJITH KUMAR	III/I
18	19J41A0218	ELDASARI SRINATH	III/I
19	19J41A0220	GADDAM SAIKRISHNA	III/I
20	19J41A0221	GANGULA KARUNAKAR REDDY	III/I
21	19J41A0222	GINUGA VEEKSHITHA	III/I
22	19J41A0223	GIRUKALA ABHINAV	III/I
23	19J41A0224	GOTLA SRIHAAS	III/I
24	19J41A0225	GUGULOTH SARITHA	III/I
25	19J41A0226	GUGULOTH SRIKANTH	III/I
26	19J41A0227	GURRALA PRUDHVI RAJ	III/I
27	19J41A0228	JAKKULA SHARATH KUMAR	III/I
28	19J41A0229	JANAGAM GOVARDHAN	III/I
29	19J41A0230	K NARESH	III/I
30	19J41A0231	KAKUNURI SWATHI	III/I

Principal

Malla Reddy Engineering College  
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Representative  
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(Autonomous)  
Maisammaguda, Dhulapally,  
(Post Via Kompally), Sec'bad-500100.



31	19J41A0232	KANNEBOINA AKHIL	III/I
32	19J41A0233	KANUMURI SONIYA	III/I
33	19J41A0234	KONDA CHANDRASHEKAR	III/I
34	19J41A0235	MARELLA SRINIVAS	III/I
35	19J41A0236	MATTE SHASHIDHAR REDDY	III/I
36	19J41A0237	MEDARI PREMANIDHI	III/I
37	19J41A0238	MOHAMMAD MAHMOOD	III/I
38	19J41A0239	MOHMMAD ABDULKALAM	III/I
39	19J41A0240	PANDULA HARIKA	III/I
40	19J41A0241	POTHARAJU PRIYANKA	III/I
41	19J41A0242	POTHARAJU SRINATH	III/I
42	19J41A0243	POTHULA MANISHA	III/I
43	19J41A0244	PULLURI HARSHITH	III/I
44	19J41A0245	RAMALLA PAVAN	III/I
45	20J45A0201	AJMEERA VENKATA BHARADWAJ	III/I
46	20J45A0202	ALAVALA KAMAL	III/I
47	20J45A0203	BOMMANABOINA SAI THARUN	III/I
48	20J45A0204	BODDU VANI	III/I
49	20J45A0205	BOOMPALLY ESHA PRIYA	III/I
50	20J45A0206	BUKYA SURYAM	III/I
51	20J45A0207	CHITLA RAKESH	III/I
52	20J45A0208	D SHANMUKH KUMAR	III/I
53	20J45A0209	DHANAMYNA MAHI KIRAN	III/I
54	20J45A0210	ELICHETTY AKHIL	III/I
55	20J45A0211	EMBADI RATHNAKAR	III/I
56	20J45A0212	ESAMPELLI SRIRAM	III/I
57	20J45A0213	G HARISH	III/I
58	20J45A0214	GOURI PATHANJALI	III/I
59	20J45A0215	GANNEVARAM LAXMI PRASANNA	III/I
60	20J45A0216	GOLLA VINAY KUMAR	III/I
61	20J45A0217	GUNDETI ANEESH	III/I
62	20J45A0218	JABU MANOJ	III/I
63	20J45A0219	JAKKANABOINA RAJESH	III/I
64	20J45A0220	JAKKU SAI VAMSEE	III/I
65	20J45A0221	JONNALAGADDA CHETAN	III/I
66	18J41A0257	THATIKONDA VENKATA SAI LAXMAN	III/I

*Principal*

**Malla Reddy Engineering College**  
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(Post Via Kompally), Sec'bad-500100.

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EEEB


Sl.No	Roll No	Name	YEAR /SEMESTER
1	19J41A0246	SALIGANJI SUMANTH	III/I
2	19J41A0247	SANGARAJU KRISHNA SAI	III/I
3	19J41A0248	SHAIK BAJI BABA	III/I
4	19J41A0249	SHREEYA MISHRA	III/I
5	19J41A0250	SIRIPURAM SANDEEP	III/I
6	19J41A0251	SIRNANCHI ADITHYA	III/I
7	19J41A0252	SUMAYYA THOUFIYA	III/I
8	19J41A0253	SUNCHANAKOTA MADHU GOUD	III/I
9	19J41A0254	TAGORE RANJAN BEGARI	III/I
10	19J41A0255	THERALA KEERTHANA	III/I
11	19J41A0256	THIPPARTHI AJAY REDDY	III/I
12	19J41A0257	THORLAPATI SRI LEKHA	III/I
13	19J41A0258	VANKUDOTH CHANDRA SHEKER	III/I
14	19J41A0259	VOORUGONDA KOVITH KUMAR	III/I
15	19J41A0260	VOSA SAI DARSHAN	III/I
16	19J41A0261	AVULA SANDEEP	III/I
17	19J41A0262	BARLA BHAVANA	III/I
18	19J41A0263	BATHULA GOPI	III/I
19	19J41A0264	BODA BALAJI	III/I
20	19J41A0265	CHINNI NIRNITHA	III/I
21	19J41A0266	G ARAVIND	III/I
22	19J41A0268	GOTTAM AKASH	III/I
23	19J41A0269	GUDIMETLA NARENDRA	III/I
24	19J41A0270	GUGULOTH NAGESH	III/I
25	19J41A0271	JERIPOTHULA NANDHINI	III/I
26	19J41A0272	JUTTUKONDA MADHU SRI	III/I
27	19J41A0273	KANDUKURI BHANU PRASAD	III/I
28	19J41A0274	KASIPAKA RAMNEEL KUMAR	III/I
29	19J41A0275	KODARI SAI SHIVA	III/I
30	19J41A0276	LIKHITHA GOUNDLA	III/I
31	19J41A0277	LOGANI PRIYANKA	III/I
32	19J41A0278	METHRI VIJAY KUMAR	III/I
33	19J41A0279	MUNIGANTI SHIVARAMA KRISHNA	III/I
34	19J41A0280	NEERUDI JEEVAN CHAITNYA	III/I
35	19J41A0281	THORRIKONDA KEERTHANA	III/I
36	19J41A0282	VUTUKURI PAVAN KALYAN	III/I
37	19J41A0283	YERRAMSHETTY LAXMI LIKITHA	III/I
38	19J41A0284	INTY INDHU	III/I
39	19J41A0285	BOTLA RISI RAO	III/I
40	20J45A0222	K SUNIL	III/I

*Recd*  
Malla Reddy Engineering College  
Malsammaguda, Dhulapally,  
(Post Via Kompally), Sec'bad-500100.

*[Signature]*  
Malla Reddy Engineering College  
Malsammaguda, Dhulapally,  
(Post Via Kompally), Sec'bad-500100.



41	20J45A0223	KAMMAGANI SHYAM SUNDER	III/I
42	20J45A0224	KOTA BALU KOWSHAL	III/I
43	20J45A0225	MADASU SAKETH	III/I
44	20J45A0226	MADDI RAJKUMAR	III/I
45	20J45A0227	MANDALOUJ PRADEEP	III/I
46	20J45A0228	MOHAMMAD BURHANUDDIN	III/I
47	20J45A0229	MERUGU VAISHNAVI	III/I
48	20J45A0230	MOSAM SAGAR SAI	III/I
49	20J45A0231	MOTHUKURI MOUKTHIKA	III/I
50	20J45A0232	NARLA BHARGAVA RAMUDU	III/I
51	20J45A0233	ORSU SANDEEP	III/I
52	20J45A0234	P LAXMI PRASANNA	III/I
53	20J45A0235	PALLA DHANUSH REDDY	III/I
54	20J45A0236	PONAGANTI ROOPESH	III/I
55	20J45A0237	PULI DHARANI	III/I
56	20J45A0238	RAMACHANDRULA MANJUNADH	III/I
57	20J45A0239	NIKHIL KUMAR REPAKA	III/I
58	20J45A0240	RAKESH KUMAR REPAKA	III/I
59	20J45A0241	SRIGIRI MANOJKUMAR	III/I
60	20J45A0242	SRIRAMOJI GANESH	III/I
61	20J45A0243	VADLAKONDA KRANTHI KUMAR	III/I
62	20J45A0244	VANGALA SAMPATH GOUD	III/I
63	20J45A0245	VASALA SAI TEJA	III/I
64	20J45A0246	VUPPALA SHIRISHA	III/I

  
**Principal**  
**Malla Reddy Engineering College**  
 Maisammaguda, Dhulapally,  
 (Post Via Kompally), Sec'bad-500100,

  
**EEE DEPARTMENT**  
**HOD/EEE**  
**Malla Reddy Engineering College**  
 (Autonomous)  
 Maisammaguda, Dhulapally,  
 (Post Via Kompally), Sec'bad-500 100

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Maisammaguda (H), Medchal-Malkajgiri District, Telangana State – 500100

Department: EEE

Course : B.Tech

Date: 04/10/2021 to 08/10/2021

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

Academic Year 2021-2022

**Name of the Value Added Course : MATLAB Simulation in Power Electronics & Power Systems Components****Attendance Sheet**

EEE A

Sl.No	Roll No	Name	04/10/2021		05/10/2021		06/10/2021		07/10/2021		08/10/2021	
			(FN)	(AN)	(FN)	(AN)	(FN)	(AN)	(FN)	(AN)	(FN)	(AN)
1	19J41A0201	ALAKANTI RAJU	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju
2	19J41A0202	ANNAM PRASHANTH	Prashanth	Prashanth	Prashanth	Prashanth	Prashanth	Prashanth	Prashanth	Prashanth	Prashanth	Prashanth
3	19J41A0203	BANDA PRANITHA	Pranitha	Pranitha	Pranitha	Pranitha	Pranitha	Pranitha	Pranitha	Pranitha	Pranitha	Pranitha
4	19J41A0204	BANDAMEEDI SHIVA TEJA	Shiva	Shiva	Shiva	Shiva	Shiva	Shiva	Shiva	Shiva	Shiva	Shiva
5	19J41A0205	BANDARI SAI	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai
6	19J41A0206	BANDI KANTI CHETAN	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan
7	19J41A0207	BANGARU VARSHA	Varsha	Varsha	Varsha	Varsha	Varsha	Varsha	Varsha	Varsha	Varsha	Varsha
8	19J41A0208	BANOTH SATHISH	Sathish	Sathish	Sathish	Sathish	Sathish	Sathish	Sathish	Sathish	Sathish	Sathish
9	19J41A0209	BANOTHU SANDEEP	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep
10	19J41A0210	BHUKYA HARSHAVARDHAN	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh
11	19J41A0211	BOTTA JOGESWAR VARA PRASAD YADAV	Yadav	Yadav	Yadav	Yadav	Yadav	Yadav	Yadav	Yadav	Yadav	Yadav
12	19J41A0212	BURRA DURGESWARA RAO	Drao	Drao	Drao	Drao	Drao	Drao	Drao	Drao	Drao	Drao
13	19J41A0213	BUSINETI VENKATESH	Ven	Ven	Ven	Ven	Ven	Ven	Ven	Ven	Ven	Ven
14	19J41A0214	CHINNABAGANI VINAY KUMAR	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay
15	19J41A0215	CHIRRA TRIVENI	Triveni	Triveni	Triveni	Triveni	Triveni	Triveni	Triveni	Triveni	Triveni	Triveni

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16	19J41A0216	D HARSHAVARDHAN REDDY	+harsh	+harsh	+harsh	+harsh	+harsh	+harsh	+harsh	+harsh	+harsh	+harsh
17	19J41A0217	DANDU RANJITH KUMAR	kumar	kumar	kumar	kumar	kumar	kumar	kumar	kumar	kumar	kumar
18	19J41A0218	ELDASARI SRINATH	Srinath	Srinath	Srinath	Srinath	Srinath	Srinath	Srinath	Srinath	Srinath	Srinath
19	19J41A0220	GADDAM SAIKRISHNA	Gisai	Gisai	Gisai	Gisai	Gisai	Gisai	Gisai	Gisai	Gisai	Gisai
20	19J41A0221	GANGULA KARUNAKAR REDDY	karunakar	karunakar	karunakar	karunakar	karunakar	karunakar	karunakar	karunakar	karunakar	karunakar
21	19J41A0222	GINUGA VEEKSHITHA	veekshitha	veekshitha	veekshitha	veekshitha	veekshitha	veekshitha	veekshitha	veekshitha	veekshitha	veekshitha
22	19J41A0223	GIRUKALA ABHINAV	Abhinav	Abhinav	Abhinav	Abhinav	Abhinav	Abhinav	Abhinav	Abhinav	Abhinav	Abhinav
23	19J41A0224	GOTLA SRIHAAS	Srihaas	Srihaas	Srihaas	Srihaas	Srihaas	Srihaas	Srihaas	Srihaas	Srihaas	Srihaas
24	19J41A0225	GUGULOTH SARITHA	Sarita	Sarita	Sarita	Sarita	Sarita	Sarita	Sarita	Sarita	Sarita	Sarita
25	19J41A0226	GUGULOTH SRIKANTH	Gisri	Gisri	Gisri	Gisri	Gisri	Gisri	Gisri	Gisri	Gisri	Gisri
26	19J41A0227	GURRALA PRUDHVI RAJ	Prudhvi	Prudhvi	Prudhvi	Prudhvi	Prudhvi	Prudhvi	Prudhvi	Prudhvi	Prudhvi	Prudhvi
27	19J41A0228	JAKKULA SHARATH KUMAR	kumar	kumar	kumar	kumar	kumar	kumar	kumar	kumar	kumar	kumar
28	19J41A0229	JANAGAM GOVARDHAN	Janga	Janga	Janga	Janga	Janga	Janga	Janga	Janga	Janga	Janga
29	19J41A0230	K NARESH	Nare	Nare	Nare	Nare	Nare	Nare	Nare	Nare	Nare	Nare
30	19J41A0231	KAKUNURI SWATHI	Swathi	Swathi	Swathi	Swathi	Swathi	Swathi	Swathi	Swathi	Swathi	Swathi
31	19J41A0232	KANNEBOINA AKHIL	Akhil	Akhil	Akhil	Akhil	Akhil	Akhil	Akhil	Akhil	Akhil	Akhil
32	19J41A0233	KANUMURI SONIYA	soniya	soniya	soniya	soniya	soniya	soniya	soniya	soniya	soniya	soniya
33	19J41A0234	KONDA CHANDRASHEKAR	she	she	she	she	she	she	she	she	she	she
34	19J41A0235	MARELLA SRINIVAS	Misra	Misra	Misra	Misra	Misra	Misra	Misra	Misra	Misra	Misra
35	19J41A0236	MATTE SHASHIDHAR REDDY	shashi	shashi	shashi	shashi	shashi	shashi	shashi	shashi	shashi	shashi
36	19J41A0237	MEDARI PREMANIDHI	Pre	Pre	Pre	Pre	Pre	Pre	Pre	Pre	Pre	Pre
37	19J41A0238	MOHAMMAD MAHMOOD	mahmed	mahmed	mahmed	mahmed	mahmed	mahmed	mahmed	mahmed	mahmed	mahmed
38	19J41A0239	MOHMMAD ABDULKALAM	ahy	ahy	ahy	ahy	ahy	ahy	ahy	ahy	ahy	ahy
39	19J41A0240	PANDULA HARIKA	+har	+har	+har	+har	+har	+har	+har	+har	+har	+har
40	19J41A0241	POTHARAJU PRIYANKA	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya
41	19J41A0242	POTHARAJU SRINATH	Srinath	Srinath	Srinath	Srinath	Srinath	Srinath	Srinath	Srinath	Srinath	Srinath
42	19J41A0243	POTHULA MANISHA	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani



43	19J41A0244	PULLURI HARSHITH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH
44	19J41A0245	RAMALLA PAVAN	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan
45	20J45A0201	AJMEERA VENKATA BHARADWAJ	VEN	VEN	VEN	VEN	VEN	VEN	VEN	VEN	VEN	VEN	VEN
46	20J45A0202	ALAVALA KAMAL	Kamal	Kamal	Kamal	Kamal	Kamal	Kamal	Kamal	Kamal	Kamal	Kamal	Kamal
47	20J45A0203	BOMMANABOINA SAI THARUN	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai
48	20J45A0204	BODDU VANI	Van	Van	Van	Van	Van	Van	Van	Van	Van	Van	Van
49	20J45A0205	BOOMPALLY ESHA PRIYA	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya
50	20J45A0206	BUKYA SURYAM	Suryam	Suryam	Suryam	Suryam	Suryam	Suryam	Suryam	Suryam	Suryam	Suryam	Suryam
51	20J45A0207	CHITLA RAKESH	Rak	Rak	Rak	Rak	Rak	Rak	Rak	Rak	Rak	Rak	Rak
52	20J45A0208	D SHANMUKH KUMAR	Dsk	Dsk	Dsk	Dsk	Dsk	Dsk	Dsk	Dsk	Dsk	Dsk	Dsk
53	20J45A0209	DHANAMYNA MAHI KIRAN	Dmk	Dmk	Dmk	Dmk	Dmk	Dmk	Dmk	Dmk	Dmk	Dmk	Dmk
54	20J45A0210	ELICHETTY AKHIL	Akh	Akh	Akh	Akh	Akh	Akh	Akh	Akh	Akh	Akh	Akh
55	20J45A0211	EMBADI RATHNAKAR	Rath	Rath	Rath	Rath	Rath	Rath	Rath	Rath	Rath	Rath	Rath
56	20J45A0212	ESAMPELLI SRIRAM	Srir	Srir	Srir	Srir	Srir	Srir	Srir	Srir	Srir	Srir	Srir
57	20J45A0213	G HARISH	Har	Har	Har	Har	Har	Har	Har	Har	Har	Har	Har
58	20J45A0214	GOURI PATHANJALI	Gouri	Gouri	Gouri	Gouri	Gouri	Gouri	Gouri	Gouri	Gouri	Gouri	Gouri
59	20J45A0215	GANNEVARAM LAXMI PRASANNA	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi
60	20J45A0216	GOLLA VINAY KUMAR	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay
61	20J45A0217	GUNDETI ANEESH	Aneesh	Aneesh	Aneesh	Aneesh	Aneesh	Aneesh	Aneesh	Aneesh	Aneesh	Aneesh	Aneesh
62	20J45A0218	JABU MANOJ	Manoj	Manoj	Manoj	Manoj	Manoj	Manoj	Manoj	Manoj	Manoj	Manoj	Manoj
63	20J45A0219	JAKKANABOINA RAJESH	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh
64	20J45A0220	JAKKU SAI VAMSEE	Vamsee	Vamsee	Vamsee	Vamsee	Vamsee	Vamsee	Vamsee	Vamsee	Vamsee	Vamsee	Vamsee
65	20J45A0221	JONNALAGADDA CHETAN	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan
66	18J41A0257	THATIKONDA VENKATA SAI LAXMAN	Laxman	Laxman	Laxman	Laxman	Laxman	Laxman	Laxman	Laxman	Laxman	Laxman	Laxman

*Sandeep*  
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(Post Via Kompa...)

*[Signature]*  
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(Post Via Kompa...)



21-22  
Mat lab

EEE B

Sl.No	Roll No	Name	04/10/2021		05/10/2021		06/10/2021		07/10/2021		08/10/2021	
			(FN)	(AN)	(FN)	(AN)	(FN)	(AN)	(FN)	(AN)	(FN)	(AN)
1	19J41A0246	SALIGANJI SUMANTH	Sunf	Sunf	Sunf	Sunf	Sunf	Sunf	Sunf	Sunf	Sunf	Sunf
2	19J41A0247	SANGARAJU KRISHNA SAI	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish
3	19J41A0248	SHAIK BAJI BABA	Shaik	Shaik	Shaik	Shaik	Shaik	Shaik	Shaik	Shaik	Shaik	Shaik
4	19J41A0249	SHREEYA MISHRA	Mishra	Mishra	Mishra	Mishra	Mishra	Mishra	Mishra	Mishra	Mishra	Mishra
5	19J41A0250	SIRIPURAM SANDEEP	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep
6	19J41A0251	SIRNANCHA ADITHYA	An	An	An	An	An	An	An	An	An	An
7	19J41A0252	SUMAYYA THOUFIYA	Thofia	Thofia	Thofia	Thofia	Thofia	Thofia	Thofia	Thofia	Thofia	Thofia
8	19J41A0253	SUNCHANAKOTA MADHU GOUD	Mu	Mu	Mu	Mu	Mu	Mu	Mu	Mu	Mu	Mu
9	19J41A0254	TAGORE RANJAN BEGARI	Ranjan	Ranjan	Ranjan	Ranjan	Ranjan	Ranjan	Ranjan	Ranjan	Ranjan	Ranjan
10	19J41A0255	THERALA KEERTHANA	Keerth	Keerth	Keerth	Keerth	Keerth	Keerth	Keerth	Keerth	Keerth	Keerth
11	19J41A0256	THIPPARTHI AJAY REDDY	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay
12	19J41A0257	THORLAPATI SRI LEKHA	Lekha	Lekha	Lekha	Lekha	Lekha	Lekha	Lekha	Lekha	Lekha	Lekha
13	19J41A0258	VANKUDOTH CHANDRA SHEKER	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra
14	19J41A0259	VOORUGONDA KOVITH KUMAR	Ku	Ku	Ku	Ku	Ku	Ku	Ku	Ku	Ku	Ku
15	19J41A0260	VOSA SAI DARSHAN	Darsh	Darsh	Darsh	Darsh	Darsh	Darsh	Darsh	Darsh	Darsh	Darsh
16	19J41A0261	AVULA SANDEEP	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep
17	19J41A0262	BARLA BHAVANA	Bhava	Bhava	Bhava	Bhava	Bhava	Bhava	Bhava	Bhava	Bhava	Bhava
18	19J41A0263	BATHULA GOPI	Gopi	Gopi	Gopi	Gopi	Gopi	Gopi	Gopi	Gopi	Gopi	Gopi
19	19J41A0264	BODA BALAJI	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji
20	19J41A0265	CHINNI NIRNITHA	Nir	Nir	Nir	Nir	Nir	Nir	Nir	Nir	Nir	Nir
21	19J41A0266	G ARAVIND	Arav	Arav	Arav	Arav	Arav	Arav	Arav	Arav	Arav	Arav
22	19J41A0268	GOTTAM AKASH	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash
23	19J41A0269	GUDIMETLA NARENDRA	Naren	Naren	Naren	Naren	Naren	Naren	Naren	Naren	Naren	Naren

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24	19J41A0270	GUGULOTH NAGESH	Nagesh	Nagesh	Nagesh	Nagesh		Nagesh	Nagesh	Nagesh	Nagesh	Nagesh	Nagesh
25	19J41A0271	JERIPOTHULA NANDHINI	Nandhini	Nandhini	Nandhini	Nandhini	Nandhini	Nandhini	Nandhini	Nandhini	Nandhini	Nandhini	Nandhini
26	19J41A0272	JUTTUKONDA MADHU SRI	Madhu	Madhu	Madhu	Madhu	Madhu	Madhu	Madhu	Madhu	Madhu	Madhu	Madhu
27	19J41A0273	KANDUKURI BHANU PRASAD	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu
28	19J41A0274	KASIPAKA RAMNEEL KUMAR	Ramneel	Ramneel	Ramneel	Ramneel	Ramneel	Ramneel	Ramneel	Ramneel	Ramneel	Ramneel	Ramneel
29	19J41A0275	KODARI SAI SHIVA	Shiva	Shiva	Shiva	Shiva	Shiva	Shiva	Shiva	Shiva	Shiva	Shiva	Shiva
30	19J41A0276	LIKHITHA GOUNDLA	Goundla	Goundla	Goundla	Goundla	Goundla	Goundla	Goundla	Goundla	Goundla	Goundla	Goundla
31	19J41A0277	LOGANI PRIYANKA	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya
32	19J41A0278	METHRI VIJAY KUMAR	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay
33	19J41A0279	MUNIGANTI SHIVARAMA KRISHNA	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna
34	19J41A0280	NEERUDI JEEVAN CHAITNYA	Jeevan	Jeevan	Jeevan	Jeevan	Jeevan	Jeevan	Jeevan	Jeevan	Jeevan	Jeevan	Jeevan
35	19J41A0281	THORRIKONDA KEERTHANA	Keerthana	Keerthana	Keerthana	Keerthana	Keerthana	Keerthana	Keerthana	Keerthana	Keerthana	Keerthana	Keerthana
36	19J41A0282	VUTUKURI PAVAN KALYAN	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan
37	19J41A0283	YERRAMSHETTY LAXMI LIKITHA	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi
38	19J41A0284	INTY INDHU	Indu	Indu	Indu	Indu	Indu	Indu	Indu	Indu	Indu	Indu	Indu
39	19J41A0285	BOTLA RISI RAO	Rishi	Rishi	Rishi	Rishi	Rishi	Rishi	Rishi	Rishi	Rishi	Rishi	Rishi
40	20J45A0222	K SUNIL	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil
41	20J45A0223	KAMMAGANI SHYAM SUNDER	Shyam	Shyam	Shyam	Shyam	Shyam	Shyam	Shyam	Shyam	Shyam	Shyam	Shyam
42	20J45A0224	KOTA BALU KOWSHAL	Balu	Balu	Balu	Balu	Balu	Balu	Balu	Balu	Balu	Balu	Balu
43	20J45A0225	MADASU SAKETH	Saketh	Saketh	Saketh	Saketh	Saketh	Saketh	Saketh	Saketh	Saketh	Saketh	Saketh
44	20J45A0226	MADDI RAJKUMAR	Randeep	Randeep	Randeep	Randeep	Randeep	Randeep	Randeep	Randeep	Randeep	Randeep	Randeep
45	20J45A0227	MANDALOUJ PRADEEP	Pradeep	Pradeep	Pradeep	Pradeep	Pradeep	Pradeep	Pradeep	Pradeep	Pradeep	Pradeep	Pradeep
46	20J45A0228	MOHAMMAD BURHANUDDIN	Burhan	Burhan	Burhan	Burhan	Burhan	Burhan	Burhan	Burhan	Burhan	Burhan	Burhan
47	20J45A0229	MERUGU VAISHNAVI	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi
48	20J45A0230	MOSAM SAGAR SAI	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar



49	20J45A0231	MOTHUKURI MOUKTHIKA	Mouk	Mouk	Mouk	Mouk	Mouk	Mouk	Mouk	Mouk	Mouk	Mouk
50	20J45A0232	NARLA BHARGAVA RAMUDU	NBhar	NBhar	NBhar	NBhar	NBhar	NBhar	NBhar	NBhar	NBhar	NBhar
51	20J45A0233	ORSU SANDEEP	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep
52	20J45A0234	P LAXMI PRASANNA	Prasanna	Prasanna	Prasanna	Prasanna	Prasanna	Prasanna	Prasanna	Prasanna	Prasanna	Prasanna
53	20J45A0235	PALLA DHANUSH REDDY	Dhanush	Dhanush	Dhanush	Dhanush	Dhanush	Dhanush	Dhanush	Dhanush	Dhanush	Dhanush
54	20J45A0236	PONAGANTI ROOPESH	Roopesh	Roopesh	Roopesh	Roopesh	Roopesh	Roopesh	Roopesh	Roopesh	Roopesh	Roopesh
55	20J45A0237	PULI DHARANI	Dharani	Dharani	Dharani	Dharani	Dharani	Dharani	Dharani	Dharani	Dharani	Dharani
56	20J45A0238	RAMACHANDRULA MANJUNADH	Manjunadh	Manjunadh	Manjunadh	Manjunadh	Manjunadh	Manjunadh	Manjunadh	Manjunadh	Manjunadh	Manjunadh
57	20J45A0239	NIKHIL KUMAR REPAKA	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil
58	20J45A0240	RAKESH KUMAR REPAKA	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh
59	20J45A0241	SRIGIRI MANOJKUMAR	Manojkumar	Manojkumar	Manojkumar	Manojkumar	Manojkumar	Manojkumar	Manojkumar	Manojkumar	Manojkumar	Manojkumar
60	20J45A0242	SRIRAMOJI GANESH	Sriramoji	Sriramoji	Sriramoji	Sriramoji	Sriramoji	Sriramoji	Sriramoji	Sriramoji	Sriramoji	Sriramoji
61	20J45A0243	VADLAKONDA KRANTHI KUMAR	Kranthi	Kranthi	Kranthi	Kranthi	Kranthi	Kranthi	Kranthi	Kranthi	Kranthi	Kranthi
62	20J45A0244	VANGALA SAMPATH GOUD	Sampath	Sampath	Sampath	Sampath	Sampath	Sampath	Sampath	Sampath	Sampath	Sampath
63	20J45A0245	VASALA SAI TEJA	Sai Teja	Sai Teja	Sai Teja	Sai Teja	Sai Teja	Sai Teja	Sai Teja	Sai Teja	Sai Teja	Sai Teja
64	20J45A0246	VUPPALA SHIRISHA	Shirisha	Shirisha	Shirisha	Shirisha	Shirisha	Shirisha	Shirisha	Shirisha	Shirisha	Shirisha

  
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Maisammaguda (H), Medchal-Malkajgiri District, Secunderabad,  
Telangana State - 500100, [www.mrec.ac.in](http://www.mrec.ac.in)

**DEPARTMENT OF ELECTRICAL and ELECTRONICS ENGINEERING**  
**Academic Year 2021-2022**

**Value Added Course on "MATLAB Simulation in Power Electronics &  
Power Systems Components"**

**Objective Questions**

Date: 08.10.2021

1. Index of an array in MATLAB start with  
A. 0  
B. 1  
C. Depends on the class of array  
D. Unknown  
[ ]
2. What is the return type of angles function in MATLAB?  
A. Degrees  
B. Radians  
C. Radians & Degrees  
D. Depends on the argument  
[ ]
3. What is use of abs function in Matlab?  
A. returns the square root of number.  
B. returns magnitude of a number.  
C. returns power of number  
D. None of these  
[ ]
4. What will be the output of atan2(-1,1) in Matlab?  
A. Error  
B.  $\pi/4$   
C. 0.7854  
D. 0  
[ ]
5. Which character is used to print new line in a fprintf statement?  
A. \n  
B. \nl  
C. \nml  
D. Nxt  
[ ]
6. How to clear the command window in matlab?  
A. Clear  
B. Cle  
C. Close all  
D. Clear all  
[ ]
7. \_\_\_\_\_ is used to check if two elements are equal in MATLAB?  
A. !=  
B. ==  
C. Is equal  
D. =  
[ ]
8. What is output of  $A = [1 \ 0 \ 2]; b = [3 \ 0 \ 7]; c=a.*b;$   
A.  $[2 \ 0 \ 21]$   
B.  $[3 \ 0 \ 14]$   
[ ]

*Reenu*  
Principal

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Secunderabad

- A. Full Graphics Capabilities  
 B. Platform Independent  
 C. Ease of Use & Good Source of Help  
 D. All of the above [   ]
19. When was MATLAB 9.7 R2019b released?  
 A. May 2019  
 B. Sep 2019  
 C. Aug 2019  
 D. July 2019 [   ]
20. Which of the following command lists the current variable in Matlab?  
 A. Type  
 B. Who  
 C. Pwd  
 D. Date
21. If the coefficient matrix of a linear system has rank 4, and the augmented matrix has rank 5, then: [   ]  
 A. The system has infinitely many solutions  
 B. The system is inconsistent  
 C. There are fewer variables than equations  
 D. The system is homogeneous
22. To print a newline in a fprintf statement, you must use the following escape character: [   ]  
 A. t  
 B. nl  
 C. nxl  
 D. n
23. Let x and y be solutions to a system of n homogeneous linear equations. If  $z = ax + by$  [   ]  
 A. z is a solution to the system for all a and b  
 B. z is a solution only if  $a = 0$  and  $b = 0$   
 C. The solution has  $n - 2$  parameters  
 D. There are at most 2 leading variables
24. What are the characters in Matlab are represented in their value in memory? [   ]  
 A. decimal  
 B. ASCII  
 C. hex  
 D. string
25. Which one of the following lists contains only legal MATLAB variable names? [   ]  
 A. year-2012, time  
 B. myTime, 1stVar  
 C. MyScore1, student1\_ID  
 D. 2nd\_Var, my\_currency
26. What does MatLab consist of? [   ]  
 A. MatLab Language  
 B. MatLab working environment  
 C. Handle Graphics  
 D. All of the above
27. What are the things for which MATLAB can be used [   ]

*Reenu*  
 Principal  
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Maisammaguda (H), Medchal-Malkajgiri District, Secunderabad,  
Telangana State - 500100, [www.mree.ac.in](http://www.mree.ac.in)

Department: EEE

Course : B.Tech

Date: 04/10/2021 to 8/10/2021

**DEPARTMENT OF ELECTRICAL and ELECTRONICS ENGINEERING**

**Academic Year 2021-2022**

**Value Added Course on "MATLAB Simulation in Power Electronics &**

**Power Systems Components"**

**Students Completed the Course**

EEFA

Sl.No	Roll No	Name	Course Completion (Yes/NO)
1	19J41A0201	ALAKANTI RAJU	Yes
2	19J41A0202	ANNAM PRASHANTH	Yes
3	19J41A0203	BANDA PRANITHA	Yes
4	19J41A0204	BANDAMEEDI SHIVA TEJA	Yes
5	19J41A0205	BANDARI SAI	Yes
6	19J41A0206	BANDI KANTI CHETAN	Yes
7	19J41A0207	BANGARU VARSHA	Yes
8	19J41A0208	BANOTH SATHISH	Yes
9	19J41A0209	BANOTHU SANDEEP	Yes
10	19J41A0210	BHUKYA HARSHAVARDHAN	Yes
11	19J41A0211	BOTTA JOGESWAR VARA PRASAD YADAV	Yes
12	19J41A0212	BURRA DURGESWARA RAO	Yes
13	19J41A0213	BUSINETI VENKATESH	Yes
14	19J41A0214	CHINNABAGANI VINAY KUMAR	Yes
15	19J41A0215	CHIRRA TRIVENI	Yes
16	19J41A0216	D HARSHAVARDHAN REDDY	Yes
17	19J41A0217	DANDU RANJITH KUMAR	Yes
18	19J41A0218	ELDASARI SRINATH	Yes
19	19J41A0220	GADDAM SAIKRISHNA	No
20	19J41A0221	GANGULA KARUNAKAR REDDY	Yes
21	19J41A0222	GINUGA VEEKSHITHA	Yes
22	19J41A0223	GIRUKALA ABHINAV	Yes
23	19J41A0224	GOTLA SRIHAAS	Yes
24	19J41A0225	GUGULOTH SARITHA	Yes
25	19J41A0226	GUGULOTH SRIKANTH	Yes
26	19J41A0227	GURRALA PRUDHVI RAJ	Yes
27	19J41A0228	JAKKULA SHARATH KUMAR	Yes
28	19J41A0229	JANAGAM GOVARDHAN	Yes
29	19J41A0230	K NARESH	Yes
30	19J41A0231	KAKUNURI SWATHI	Yes

*Handwritten signature*  
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31	19J41A0232	KANNEBOINA AKHIL	No
32	19J41A0233	KANUMURI SONIYA	Yes
33	19J41A0234	KONDA CHANDRASHEKAR	Yes
34	19J41A0235	MARELLA SRINIVAS	No
35	19J41A0236	MATTE SHASHIDHAR REDDY	Yes
36	19J41A0237	MEDARI PREMANIDHI	Yes
37	19J41A0238	MOHAMMAD MAHMOOD	Yes
38	19J41A0239	MOHMMAD ABDULKALAM	Yes
39	19J41A0240	PANDULA HARIKA	Yes
40	19J41A0241	POTHARAJU PRIYANKA	Yes
41	19J41A0242	POTHARAJU SRINATH	Yes
42	19J41A0243	POTHULA MANISHA	Yes
43	19J41A0244	PULLURI HARSHITH	Yes
44	19J41A0245	RAMALLA PAVAN	No
			Yes
45	20J45A0201	AJMEERA VENKATA BHARADWAJ	
46	20J45A0202	ALAVALA KAMAL	Yes
			Yes
47	20J45A0203	BOMMANABOINA SAI THARUN	
48	20J45A0204	BODDU VANI	Yes
49	20J45A0205	BOOMPALLY ESHA PRIYA	Yes
50	20J45A0206	BUKYA SURYAM	Yes
51	20J45A0207	CHITLA RAKESH	Yes
52	20J45A0208	D SHANMUKH KUMAR	Yes
53	20J45A0209	DHANAMYNA MAHI KIRAN	Yes
54	20J45A0210	ELICHETTY AKHIL	Yes
55	20J45A0211	EMBADI RATHNAKAR	Yes
56	20J45A0212	ESAMPELLI SRIRAM	Yes
57	20J45A0213	G HARISH	Yes
58	20J45A0214	GOURI PATHANJALI	No
			Yes
59	20J45A0215	GANNEVARAM LAXMI PRASANNA	
60	20J45A0216	GOLLA VINAY KUMAR	Yes
61	20J45A0217	GUNDETI ANEESH	Yes
62	20J45A0218	JABU MANOJ	Yes
63	20J45A0219	JAKKANABOINA RAJESH	Yes
64	20J45A0220	JAKKU SAI VAMSEE	Yes
65	20J45A0221	JONNALAGADDA CHETAN	No
			Yes
66	18J41A0257	THATIKONDA VENKATA SAI LAXMAN	

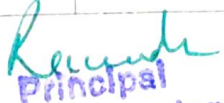
EEE B

Sl.No	Roll No	Name	Course Completion (Yes/NO)
1	19J41A0246	SALIGANJI SUMANTH	Yes

  
Principal


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2	19J41A0247	SANGARAJU KRISHNA SAI	Yes
3	19J41A0248	SHAIK BAJI BABA	Yes
4	19J41A0249	SHREEYA MISHRA	Yes
5	19J41A0250	SIRIPURAM SANDEEP	Yes
6	19J41A0251	SIRNANCHIA ADITHIYA	Yes
7	19J41A0252	SUMAYYA THOUFIYA	Yes
8	19J41A0253	SUNCHANAKOTA MADHU GOUD	Yes
9	19J41A0254	TAGORE RANJAN BEGARI	Yes
10	19J41A0255	THERALA KEERTHANA	Yes
11	19J41A0256	THIPPARTHI AJAY REDDY	Yes
12	19J41A0257	THORLAPATI SRI LEKHA	Yes
13	19J41A0258	VANKUDOTH CHANDRA SHEKER	Yes
14	19J41A0259	VOORUGONDA KOVITH KUMAR	Yes
15	19J41A0260	VOSA SAI DARSHAN	Yes
16	19J41A0261	AVULA SANDEEP	Yes
17	19J41A0262	BARLA BHAVANA	Yes
18	19J41A0263	BATHULA GOPI	Yes
19	19J41A0264	BODA BALAJI	Yes
20	19J41A0265	CHINNI NIRNITHA	Yes
21	19J41A0266	G ARAVIND	Yes
22	19J41A0268	GOTTAM AKASH	Yes
23	19J41A0269	GUDIMETLA NARENDRA	Yes
24	19J41A0270	GUGULOTH NAGESH	Yes
25	19J41A0271	JERIPOTHULA NANDHINI	Yes
26	19J41A0272	JUTTUKONDA MADHU SRI	Yes
27	19J41A0273	KANDUKURI BHANU PRASAD	Yes
28	19J41A0274	KASIPAKA RAMNEEL KUMAR	Yes
29	19J41A0275	KODARI SAI SHIVA	Yes
30	19J41A0276	LIKHITHA GOUNDLA	Yes
31	19J41A0277	LOGANI PRIYANKA	Yes
32	19J41A0278	METHRI VIJAY KUMAR	Yes
33	19J41A0279	MUNIGANTI SHIVARAMA KRISHNA	Yes
34	19J41A0280	NEERUDI JEEVAN CHAITNYA	Yes
35	19J41A0281	THORRIKONDA KEERTHANA	Yes
36	19J41A0282	VUTUKURI PAVAN KALYAN	Yes
37	19J41A0283	YERRAMSHETTY LAXMI LIKITHA	Yes
38	19J41A0284	INTY INDHU	Yes
39	19J41A0285	BOTLA RISI RAO	Yes
40	20J45A0222	K SUNIL	Yes
41	20J45A0223	KAMMAGANI SHYAM	Yes

  
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		SUNDER	
42	20J45A0224	KOTA RAJU KOWSHAL	Yes
43	20J45A0225	MAIDASU SAKETH	Yes
44	20J45A0226	MAIDURAIKUMAR	Yes
45	20J45A0227	MANDALOU PRADEEP	Yes
46	20J45A0228	MOHAMMAD BUREKHUDDIN	Yes
47	20J45A0229	MURUGU VASHTINAVI	Yes
48	20J45A0230	MOSAM SAGAR SAI	Yes
49	20J45A0231	MOTHUKURI MOUKTHIKA	Yes
50	20J45A0232	NARLA BHARGAVA RAMUDU	Yes
51	20J45A0233	ORSU SANDEEP	Yes
52	20J45A0234	P LAXMI PRASANNA	Yes
53	20J45A0235	PALLA DHANUSH REDDY	Yes
54	20J45A0236	PONAGANTI ROOPESH	Yes
55	20J45A0237	PULI DHARANI	Yes
		RAMACHANDRULA	Yes
56	20J45A0238	MANJUNADH	
57	20J45A0239	NIKHIL KUMAR REPAKA	Yes
58	20J45A0240	RAKESH KUMAR REPAKA	Yes
59	20J45A0241	SRIGIRI MANOJKUMAR	No
60	20J45A0242	SRIRAMOJI GANESH	Yes
		VADLAKONDA KRANTHI	Yes
61	20J45A0243	KUMAR	
62	20J45A0244	VANGALA SAMPATH GOUD	Yes
63	20J45A0245	VASALA SAI TEJA	Yes
64	20J45A0246	VUPPALA SHRISHA	Yes

  
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Telangana State – 500100, [www.mrec.ac.in](http://www.mrec.ac.in)

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 08.10.2021

### Report of Value added course on

#### MATLAB simulation in Power Electronics & Power Systems Components

A five days Value added course on MATLAB simulation in Power Electronics & Power Systems Components was organized by the department of Electrical and Electronics Engineering and the event was coordinated by Dr.P Sarala, Associate. Professor, EEE Department from 4<sup>th</sup> Oct. to 8<sup>th</sup> Oct. 2018 and 130 students are attended from III year I Sem. The resource person of the training programme was Mr. B. Anil Kumar, Project Engineer, CADD Technologies Pvt. Ltd, Telangana. The participants are trained in the field of MATLAB and its engineering applications. It gave the conceptual level of knowledge to industry standards. This course is further focused on,

- The use of techniques, skills and modern engineering tools necessary for simulation of electrical engineering applications.
- Electrical Engineering applications using MATLAB technologies.
- The functions on multi disciplinary terms in the area of Power System and Power Electronics.
- MATLAB design simulation modules.

*Ravinder*  
**PRINCIPAL**  
Malla Reddy Engineering College  
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*[Signature]*  
**HOD EEE**  
EEE DEPARTMENT  
Malla Reddy Engineering College  
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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Certificate of Completion

*This is to certify that Mrs./Ms./Mr. BANDA PRANITHA bearing Roll Number 19J41A0203 has successfully completed Value added Course in "MATLAB Simulation in Power Electronics & Power systems" Organized by the Department of Electrical and Electronics Engineering from 4/10/2021 to 8/10/2021*

  
Coordinator

  
Principal

  
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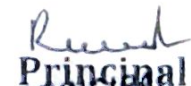
## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Certificate of Completion

*This is to certify that Mrs./Ms./Mr. GINUGA VEEKSHITHA bearing Roll Number 19J41A0222 has successfully completed Value added Course in "MATLAB Simulation in Power Electronics & Power systems" Organized by the Department of Electrical and Electronics Engineering from 4/10/2021 to 8/10/2021*

  
Coordinator

  
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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Certificate of Completion

*This is to certify that Mrs./Ms./Mr. GOLLA VINAY KUMAR bearing Roll Number 20J45A0216 has successfully completed Value added Course in "MATLAB Simulation in Power Electronics & Power systems" Organized by the Department of Electrical and Electronics Engineering from 4/10/2021 to 8/10/2021*

*Sanku*  
Coordinator

*Ramesh*  
Principal  
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(Autonomous)  
Maisammaguda, Dhulapally,  
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*Ramesh*  
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Malla Reddy Engineering College  
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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Certificate of Completion

*This is to certify that Mrs./Ms./Mr. SIRNANCHA ADITHYA bearing Roll Number 19J41A0251 has successfully completed Value added Course in "MATLAB Simulation in Power Electronics & Power systems" Organized by the Department of Electrical and Electronics Engineering from 4/10/2021 to 8/10/2021*

Coordinator

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DEPARTMENT  
HOD EEE

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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Certificate of Completion

*This is to certify that Mrs./Ms./Mr. LOGANI PRIYANKA bearing Roll Number 19J41A0277 has successfully completed Value added Course in "MATLAB Simulation in Power Electronics & Power systems" Organized by the Department of Electrical and Electronics Engineering from 4/10/2021 to 8/10/2021*

*Sande*  
Coordinator

*Ramesh*  
Malla Reddy Engineering College  
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*Ramesh*  
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*Ramesh*  
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Telangana State-500100, www.mrec.ac.in

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

Title of the Session: *MATLAB simulation in Power Electronics & Power Systems*

Department: *EEE*

Date of the Session: *4/10/21 - 8/10/21*

S.No		Excellent	Very Good	Good	Average
1	The Session Objective were stated clearly and met			✓	
2.	The Workshop was well Organized		✓		
3.	The information and / or skills presented were relevant and useful for Career			✓	
4	The presenter responded to questions effectively?		✓		
5	The overall assessment of the Session			✓	
6	The session content met your Expectations			✓	

Excellent:4 Very Good:3 Good:2 Average:1

Suggestions If any:

*✓*





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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

Title of the Session: **MATLAB Simulation in Power Electronics & Power Systems**

Department: **EEE**

Date of the Session: **4/10/21 - 8/10/21**

S.No		Excellent	Very Good	Good	Average
1	The Session Objective were stated clearly and met		✓		
2.	The Workshop was well Organized		✓		
3.	The information and / or skills presented were relevant and useful for Career		✓		
4	The presenter responded to questions effectively?			✓	
5	The overall assessment of the Session			✓	
6	The session content met your Expectations		✓		

Excellent:4 Very Good:3 Good:2 Average:1

**Suggestions If any:**



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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

Title of the Session: *MATLAB Simulation in power electronics and power systems*

Department: *EEE*

Date of the Session: *4/10/2021 - 8/10/2021*

S.No		Excellent	Very Good	Good	Average
1	The Session Objective were stated clearly and met		✓		
2.	The Workshop was well Organized			✓	
3.	The information and / or skills presented were relevant and useful for Career			✓	
4	The presenter responded to questions effectively?			✓	
5	The overall assessment of the Session			✓	
6	The session content met your Expectations			✓	

Excellent:4 Very Good:3 Good:2 Average:1

Suggestions If any:

*—*