



MOTHER THERESA INSTITUTE OF ENGINEERING AND TECHNOLOGY
Recognized by AICTE, New Delhi::Affiliated to JNTUA, Ananthapuramu
Melumoi Cross, Palamaner, Chittoor(Dist.) – 517408.
[COLLEGE CODE :: HR]



ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

Palamaner
Date :22-06-2018

To
The Principal,
MTIET,
Palamaner.

SUB: II B.TECH - EEE - Organizing the Value added course on PROGRAMMABLE LOGIC CONTROLLER– Req - Reg.

With the subject cited above, to enhance the technical skill and enrich the industry needs for the students the department is kindly bring to your kind notice to conduct the value added course on “PROGRAMMABLE LOGIC CONTROLLER” for the II B.Tech students during the period of inter semester break that is from 25-06-2018 to 30-06-2018. In this connection the undersigned is requesting to grant the permission to organize the mentioned course for the second year students.

Please consider with prior hierarchy.

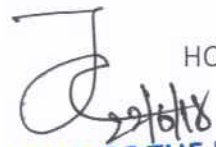
Thanking you,

Copy to:

The II B.Tech Class room

The Dept. Notice board

Dept. file


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ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

* * * * *

Ref.: MTIET/ECE/CIR/VAC-01

Palamaner

Date:23-06-2018

C I R C U L A R

This is here by informed to the II B.Tech students that the Department is very glad to organize the value added course to fill the academic and industry gap on “PROGRAMMABLE LOGIC CONTROLLER” during the period of inter semester break that is from 25-06-2018 to 30-06-2018. So all the interested students should register their names through the Department coordinator.

Thanking you

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE - PLC
PROGRAMME SYLLABUS :: 36Hrs
II B.Tech Academic Year 2018-2019

- Unit 1:** 6 hrs
Introduction to IOT, PLC Wiring, Introduction to PLC Trainer Device.
- Unit 2:** 6 hrs
Introduction to PLC Software, Fundamental Commands of PLC, How To Program a PLC – Basic Level 1, How To Program a PLC – Basic Level 2.
- Unit 3:** 6 hrs
How To Program a PLC – Basic Level 3, How To Program a PLC – Basic Level 4, How To Program a PLC – Basic Level 5, How To Program a PLC – Basic Level 6.
- Unit 4 :** 6 hrs
Introduction to Relays and Industrial Control, Number Systems, Relay Coils to Bits in Memory, Evolution of the Control System.
- Unit 5:** 6 hrs
Computer Control, I/O Scan, Saga of Pencil and the Paychecks, PLC Hardware, the Original Rack of Memory PLC2 PLC5.
- Unit 6:** 6 hrs
Memory Mapping RSLogix500 SLC500 Micrologix, I/O Structures RSLogix500 SLC500 Micrologix, IO and the Memory, RSLogix500 SLC500 Micrologix, Data Files vs Program Files – Sinking Sourcing.

CO-ORDINATOR

AA 25/6/18

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ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

VALUE ADDED COURSE:: PLC

STUDENTS REGISTRATION FORM

II B.Tech Academic Year 2018-2019

S.NO.	REGD. NO.	NAME OF THE STUDENT	SIGNATURE
1	17HR1A0201	A M PRAHLLADA	Prahallada
2	17HR1A0202	A MANOJ VAMSI	vamsi
3	17HR1A0203	ABBOLLA RAVI TEJA	Teja
4	17HR1A0204	AYYALA THANUSHA	Thanusha
5	17HR1A0206	BISATI CHARITHRA	charitra
6	17HR1A0207	C TEJA	Teja
7	17HR1A0208	CHEEMIREDDYGARI ARUNKUMAR REDDY	Arun
8	17HR1A0210	CHIRRA SIVA SANKAR	siva
9	17HR1A0211	CHITIKI BABU REDDY	BABU
10	17HR1A0212	G DHARANI	Dharani
11	17HR1A0213	GAJULA RUPESH	Rupesh
12	17HR1A0214	GAJULA SAIBHANU	Saibhanu
13	17HR1A0215	GANGIREDDY CHARAN REDDY	Charan
14	17HR1A0216	GONUGUNTLA MAHESH	Mahesh
15	17HR1A0217	J HARSHITHA	harshitha
16	17HR1A0218	K NAVEEN KUMAR	navveen
17	17HR1A0219	K PAVAN	Pavan
18	17HR1A0220	K ROHITH	Rohith
19	17HR1A0221	K SAI RACHANA	sai
20	17HR1A0222	K VANDANA	vandana
21	17HR1A0223	K VANI	vani
22	17HR1A0224	KADAM YERRAMALLAIAH	Yerramallaiah
23	17HR1A0225	KAMIREDDI ALEKHYA	Alekhyia
24	17HR1A0226	KARISIMANGALAM SANTHOSH	santhosh
25	17HR1A0227	KOKKINTI DEVINAGACHANDANA	Devi
26	17HR1A0228	KURABA JAGADISH	Jagadish
27	17HR1A0229	MAKAM HARSHITHA	harshitha

28	17HR1A0230	MAKAM NAVYA SREE	Sree
29	17HR1A0231	MAREDDY GARI DIVYA	Divya
30	17HR1A0232	N MUBARAK	Mubarak
31	17HR1A0234	PALLA SRAVANI	Sravani
32	17HR1A0235	PANATI DEVIPRIYA	Devipriya
33	17HR1A0236	POTTEM HARSHITHA	Harshitha
34	17HR1A0237	R JAMUNA	Jamuna
35	17HR1A0238	REDLA BHAVYA	Bhavya
36	17HR1A0239	S NAGENDRA BABU	Babu
37	17HR1A0240	SAMAGALLA THARUN	Tharun
38	17HR1A0241	THIRTHALA VIDYA	Vidya
39	17HR1A0242	THUMMALA MOUNIKA	Mounika
40	17HR1A0243	THUNDU NAGARAJA	Nagaraja
41	17HR1A0244	VADLAMANYAM AJAYKUMAR	Ajay
42	17HR1A0245	VARADRAJULA MANAOGNA	Manogna
43	18HR5A0201	BANDA PRASAD	Prasad
44	18HR5A0202	GOPIDINNE KALYAN	Kalyan
45	18HR5A0203	KEMPILI BHARGAVI	Bhargavi
46	18HR5A0204	M LAKSHMIPATHI	Lakshmi
47	18HR5A0205	MANIYAM NANDINI	Nandini
48	18HR5A0206	MODEM SANDHYA	Sandhya
49	18HR5A0207	MOTA PRAVEEN KUMAR	Praveen
50	18HR5A0208	P DELLIPRIYA	Dellipriya
51	18HR5A0209	PUTTA SAI DHANUSH	Sai Dhanush
52	18HR5A0210	SHAIK DASTAGIRI	Dastagiri
53	18HR5A0211	SHAIK SAMEER MUBARAK	Mubarak
54	18HR5A0212	THALARI HARITHA	Haritha
55	18HR5A0213	P GREESHMA	Greeshma
56	18HR5A0214	Y DEVI VARAPRASAD	Devi

CO-ORDINATOR

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE-PLC

PROGRAMME SCHEDULE ::

II B.Tech Academic Year 2018-2019

S.NO.	DAY(S)	DATE	TIME	TOPIC(S)	EXPERT DETAILS
1	DAY 1	25-06-2018	9.30-10.30	Inauguration by Principal	D V Kiran
2			11.0-12.30	Introduction to PLC	
3			1.20-2.50	PLC Wiring	
4			3.0-4.30	Introduction to PLC Trainer Device	
5	DAY 2	26-06-2018	9.30-10.30	Introduction to PLC Software	D V Kiran
6			11.0-12.30	Fundamental Commands of PLC	
7			1.20-2.50	How To Program a PLC – Basic Level 1	
8			3.0-4.30	How To Program a PLC – Basic Level 2	
9	DAY 3	27-06-2018	9.30-10.30	How To Program a PLC – Basic Level 3	D V Kiran
10			11.0-12.30	How To Program a PLC – Basic Level 4	
11			1.20-2.50	How To Program a PLC – Basic Level 5	
12			3.0-4.30	How To Program a PLC – Basic Level 6	
13	DAY 4	28-06-2018	9.30-10.30	Introduction to Relays and Industrial Control	N Sudhakar
14			11.0-12.30	Number Systems	
15			1.20-2.50	Relay Coils to Bits in Memory	
16			3.0-4.30	Evolution of the Control System	
17	DAY 5	29-06-2018	9.30-10.30	Computer Control	N Sudhakar
18			11.0-12.30	I/O Scan, Saga of Pencil and the Paychecks	
19			1.20-2.50	PLC Hardware	
20			3.0-4.30	The Original Rack of Memory PLC2 PLC5	
23	DAY 6	30-06-2018	9.30-10.30	Memory Mapping RSLogix500 SLC500 Micrologix	N Sudhakar
24			11.0-12.30	I/O Structures RSLogix500 SLC500 Micrologix	
25			1.20-2.50	IO and the Memory, RSLogix500 SLC500 Micrologix	
26			3.0-4.30	Data Files vs Program Files – Sinking Sourcing	

Duration : 36 hrs

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ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

VALUE ADDED COURSE :: PLC

ATTENDANCE REPORT::

II B.Tech Academic Year 2018-2019

(from 25-06-2018 to 30-06-2018 : 36 Hrs)

S. NO.	REGD. NO.	NAME OF THE STUDENT	DATES											
			25-06-2018		26-06-2018		27-06-2018		28-06-2018		29-06-2018		30-06-2018	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	17HR1A0201	A M PRAHLADA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	17HR1A0202	A MANOJ VAMSI	✓	A	A	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	17HR1A0203	ABBOLLA RAVI TEJA	✓	✓	✓	✓	✓	✓	✓	✓	A	✓	✓	✓
4	17HR1A0204	AYYALA THANUSHA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	17HR1A0206	BISATI CHARITHRA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	17HR1A0207	C TEJA	✓	A	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
7	17HR1A0208	CHEEMIREDDYGARI ARUNKUMAR REDDY	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	✓
8	17HR1A0210	CHIRRA SIVA SANKAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	17HR1A0211	CHITIKI BABU REDDY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	17HR1A0212	G DHARANI	✓	✓	✓	✓	✓	✓	A	A	✓	✓	✓	✓
11	17HR1A0213	GAJULA RUPESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	17HR1A0214	GAJULA SAIBHANU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	17HR1A0215	GANGIREDDY CHARAN REDDY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	17HR1A0216	GONUGUNTLA MAHESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	17HR1A0217	J HARSHITHA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	17HR1A0218	K NAVEEN KUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	17HR1A0219	K PAVAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18	17HR1A0220	K ROHITH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
19	17HR1A0221	K SAI RACHANA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20	17HR1A0222	K VANDANA	✓	A	A	A	✓	✓	✓	✓	✓	✓	✓	✓
21	17HR1A0223	K VANI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
22	17HR1A0224	KADAM YERRAMALLAIAH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
23	17HR1A0225	KAMIREDDI ALEKHYA	✓	✓	✓	✓	✓	✓	A	A	✓	✓	✓	✓

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24	17HR1A0226	KARISIMANGALAM SANTHOSH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
25	17HR1A0227	KOKKINTI DEVINAGACHANDANA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
26	17HR1A0228	KURABA JAGADISH	A	A	A	✓	✓	✓	✓	✓	✓	✓	✓	✓
27	17HR1A0229	MAKAM HARSHITHA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
28	17HR1A0230	MAKAM NAVYA SREE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
29	17HR1A0231	MAREDDY GARI DIVYA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
30	17HR1A0232	N MUBARAK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
31	17HR1A0234	PALLA SRAVANI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
32	17HR1A0235	PANATI DEVIPRIYA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
33	17HR1A0236	POTTEM HARSHITHA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
34	17HR1A0237	R JAMUNA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
35	17HR1A0238	REDLA BHAVYA	A	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
36	17HR1A0239	S NAGENDRA BABU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
37	17HR1A0240	SAMAGALLA THARUN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
38	17HR1A0241	THIRTHALA VIDYA	✓	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
39	17HR1A0242	THUMMALA MOUNIKA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
40	17HR1A0243	THUNDU NAGARAJA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
41	17HR1A0244	VADLAMANYAM AJAYKUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
42	17HR1A0245	VARADRAJULA MANAOGNA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
43	18HR5A0201	BANDA PRASAD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
44	18HR5A0202	GOPIDINNE KALYAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
45	18HR5A0203	KEMPILI BHARGAVI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
46	18HR5A0204	M LAKSHMIPATHI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
47	18HR5A0205	MANIYAM NANDINI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
48	18HR5A0206	MODEM SANDHYA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
49	18HR5A0207	MOTA PRAVEEN KUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
50	18HR5A0208	P DELLIPRIYA	✓	✓	✓	✓	A	A	✓	✓	✓	✓	A	✓
51	18HR5A0209	PUTTA SAI DHANUSH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
52	18HR5A0210	SHAIK DASTAGIRI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
53	18HR5A0211	SHAIK SAMEER MUBARAK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
54	18HR5A0212	THALARI HARITHA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
55	18HR5A0213	P GREESHMA	✓	A	A	✓	✓	✓	✓	✓	✓	✓	✓	✓
56	18HR5A0214	Y DEVI VARAPRASAD	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	✓

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ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT
VALUE ADDED COURSE :: PLC
COURSE REPORT
II B.Tech Academic Year 2018-2019

INTRODUCTION & OBJECTIVES

As the Department of EEE conducting the Six day Value added course on Programmable logical controller (PLC) organized for students of II Year EEE from 25-06-2018 to 30-06-2018, to improve ongoing academic curriculum and updating of the student skills.

For the course review process, course coordinators are asked to prepare a short course report and submitted this report to the Curriculum Committee. The Curriculum Committee reviewed reports, and requested further information from the course coordinator. This process is designed to improve ongoing academic curriculum and updating of the student skills, and to provide support to course coordinators in planning, revising, and implementing courses.

All the students of II year EEE with total registered **students of 56** are actively presented and participated to value added course on PLC for 6 days to enhance their technical skills. Following list of topics are presented and explained to the students by the expert members selected by the selection committee. **N Sudhakar** and **D V Kiran** are the expert member for the successful completion of **value added course on PLC** with feedback analysis of **83.86%** for the academic year **2018-2019**.

The total program is successfully completed with the cooperation of each and every faculty member of the department and student participants with the preferred course schedule.

OUTCOME OF THE VALUE ADDED COURSE:

The conducted Value added course ensured knowledge enhancement in the area of Programmable logical control (PLC), in its quality and aimed for the development of skills towards academics and placements / employment.



Students@ Programmable logical control

CO-ORDINATOR *[Signature]* 30/6/18.



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VALUE ADDED COURSE :: PLC TEST

II B.Tech Academic Year 2018-2019

(from 25-06-2018 to 30-06-2018 : 36 Hrs)

1. Which of the following statements is NOT correct? []

- a) If a problem in a PLC module occurs, the module can be changed in a matter of minutes without any changes in wiring.
- b) Outputs can be paralleled on the same rung.
- c) The physical wires between the input and output field devices and the PLC input and output modules are the only signal wires required in the PLC system.
- d) The cost and size of PLCs have increased significantly in the last 10 years.

2. Which of the following statements about a single pole double throw relay is NOT true? []

- a) It is called an SPDT type of relay.
- b) It has one common contact.
- c) It has two positions (NC and NO).
- d) It has a center off position.

3. Which of the following statements about a single pole double throw relay is true? []

- a) Insulators are used in the armature to isolate the electrical switching contacts from the rest of the relay components.
- b) The NC contact and the pole are in contact when the relay is off.
- c) It has just one coil.
- d) All of the above.

4. Which of the following statements about RLL is NOT true? []

- a) NO contact symbol has two parallel lines to indicate an open contact.
- b) RLL stands for Relay Ladder Logic.
- c) NC contact symbol has the same two parallel lines with a line across them to indicate closed contacts.
- d) The right power rail is positive or the high side of the source, and the left power rail is the power return or ground.

5. The _____ is moved toward the relay electromagnet when the relay is on. []

- a) Armature
- b) Coil
- c) NO contact
- d) NC contact

6. When a relay is NOT energized:

[]

- a) There is an electrical path through the NO contacts
- b) There is an electrical path through the NC contacts
- c) Neither the NO or the NC contacts have an electrical path
- d) Both the NO and the NC contacts have an electrical path

7. Which of the following RLL applications is not normally performed in early automation systems?

[]

- a) On/off control of field devices
- b) Logical control of discrete devices
- c) On/off control of motor starters
- d) Proportional control of field devices

8. Current flows into the _____

[]

- a) Input terminal of a sinking DC input module
- b) Input terminal of a sinking output field device
- c) Output terminal of a sinking input field device
- d) All of the above

9. In a current sinking DC input module _____

[]

- a) The current flows out of the input field device
- b) Requires that a AC sources be used with mechanical switches
- c) The current flows out of the input module
- d) Currents can flow in either direction at the input module

10. What one item in the input module circuit above should be changed to make it correct.

[]

- a) The battery polarity
- b) Input module should be sinking
- c) Field device should be sinking
- d) Current flow direction

11. When _____ contacts are actuated, they disrupt the power supply through them.

[]

- a. normally open type
- b. normally closed type
- c. both a. and b.
- d. none of the above

12. The type of memory which is fast and temporarily stores the data which are immediately required for use is called as _____. []

- a. HDD
- b. ROM
- c. RAM
- d. SSD

13. How is the speed of operation of conventional relay system as compared to digital controllers? []

- a. very slow
- b. very fast
- c. same
- d. almost similar

14. The capability of convention relay systems for complex operations is _____ that of the PLCs . []

- a. poor than
- b. excellent than
- c. as good as
- d. unpredictable as

15. How is the noise immunity of PLCs to electrical noises as compared to that of conventional relay controllers? []

- a. poor
- b. excellent
- c. as good as noise immunity of conventional relay controllers
- d. unpredictable

16. _____ of PLCs can be done in very little time. []

- a. Programming
- b. Installation
- c. Commissioning
- d. All of the above

17. PLC can be _____ in plant to change the sequence of operation. []

- a. only programmed
- b. only reprogrammed
- c. programmed and reprogrammed
- d. able to give a set point

18. The PLC is used in _____. []

- a. machine tools
- b. automated assembly equipment

- c. moulding and extrusion machines
- d. all of the above

19. Which of the following can be the output of PLC?

[]

- 1. Relay coils
- 2. Solenoids
- 3. Indicators
- 4. Motors
- 5. Lamps
- 6. Alarms

Select correct option

- a. Only (1), (2), (3) and (4)
- b. Only (3), (4), (5) and (6)
- c. Only (1), (2), (3) and (5)
- d. All the (1), (2), (3), (4), (5), and (6)

20. Which of the following can't be an input that is given to the PLC? []

- a. Manual switches
- b. Relays
- c. Sensors
- d. None of the above



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[COLLEGE CODE :: HR]



ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

VALUE ADDED COURSE:: PLC

STUDENTS EVALUATION FORM::

II B.Tech Academic Year 2018-2019

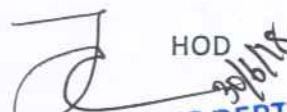
S.NO.	REGD. NO.	NAME OF THE STUDENT	GRADE
1	17HR1A0201	A M PRAHLLADA	A
2	17HR1A0202	A MANOJ VAMSI	B
3	17HR1A0203	ABBOLLA RAVI TEJA	A
4	17HR1A0204	AYYALA THANUSHA	C
5	17HR1A0206	BISATI CHARITHRA	A
6	17HR1A0207	C TEJA	B
7	17HR1A0208	CHEEMIREDDYGARI ARUNKUMAR REDDY	A
8	17HR1A0210	CHIRRA SIVA SANKAR	B
9	17HR1A0211	CHITIKI BABU REDDY	A
10	17HR1A0212	G DHARANI	A
11	17HR1A0213	GAJULA RUPESH	B
12	17HR1A0214	GAJULA SAIBHANU	A
13	17HR1A0215	GANGIREDDY CHARAN REDDY	B
14	17HR1A0216	GONUGUNTLA MAHESH	A
15	17HR1A0217	J HARSHITHA	B
16	17HR1A0218	K NAVEEN KUMAR	A
17	17HR1A0219	K PAVAN	A
18	17HR1A0220	K ROHITH	B
19	17HR1A0221	K SAI RACHANA	A
20	17HR1A0222	K VANDANA	A
21	17HR1A0223	K VANI	A
22	17HR1A0224	KADAM YERRAMALLAIAH	B
23	17HR1A0225	KAMIREDDI ALEKHYA	B
24	17HR1A0226	KARISIMANGALAM SANTHOSH	B
25	17HR1A0227	KOKKINTI DEVINAGACHANDANA	B
26	17HR1A0228	KURABA JAGADISH	B
27	17HR1A0229	MAKAM HARSHITHA	A

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28	17HR1A0230	MAKAM NAVYA SREE	A
29	17HR1A0231	MAREDDY GARI DIVYA	B
30	17HR1A0232	N MUBARAK	A
31	17HR1A0234	PALLA SRAVANI	C
32	17HR1A0235	PANATI DEVIPRIYA	A
33	17HR1A0236	POTTEM HARSHITHA	B
34	17HR1A0237	R JAMUNA	A
35	17HR1A0238	REDLA BHAVYA	A
36	17HR1A0239	S NAGENDRA BABU	A
37	17HR1A0240	SAMAGALLA THARUN	B
38	17HR1A0241	THIRTHALA VIDYA	A
39	17HR1A0242	THUMMALA MOUNIKA	C
40	17HR1A0243	THUNDU NAGARAJA	A
41	17HR1A0244	VADLAMANYAM AJAYKUMAR	B
42	17HR1A0245	VARADRAJULA MANAOGNA	A
43	18HR5A0201	BANDA PRASAD	B
44	18HR5A0202	GOPIDINNE KALYAN	A
45	18HR5A0203	KEMPILI BHARGAVI	B
46	18HR5A0204	M LAKSHMIPATHI	A
47	18HR5A0205	MANIYAM NANDINI	B
48	18HR5A0206	MODEM SANDHYA	A
49	18HR5A0207	MOTA PRAVEEN KUMAR	B
50	18HR5A0208	P DELLIPRIYA	A
51	18HR5A0209	PUTTA SAI DHANUSH	B
52	18HR5A0210	SHAIK DASTAGIRI	A
53	18HR5A0211	SHAIK SAMEER MUBARAK	B
54	18HR5A0212	THALARI HARITHA	A
55	18HR5A0213	P GREESHMA	B
56	18HR5A0214	Y DEVI VARAPRASAD	A

Grade A>75%, B>65%, C>50%, D-FAIL

CO-ORDINATOR

HOD

 HEAD OF THE DEPT
 Electrical & Electronic Engg
 mother theresa inst of Engg & Tec
 Palamaner-517408



ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT
VALUE ADDED COURSE::PLC

Feedback Form

II B.Tech Academic Year 2018-2019

1. The instructor was well prepared for the class

Excellent <input checked="" type="checkbox"/>	Very Good <input type="checkbox"/>	Good <input type="checkbox"/>	Average <input type="checkbox"/>
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2. The instructor showed an interest in helping students learn.

Excellent <input type="checkbox"/>	Very Good <input checked="" type="checkbox"/>	Good <input type="checkbox"/>	Average <input type="checkbox"/>
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3. The lectures and tests complemented each other.

Excellent <input type="checkbox"/>	Very Good <input type="checkbox"/>	Good <input checked="" type="checkbox"/>	Average <input type="checkbox"/>
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4. The course was organized in a manner that helped me understand the underlying concepts.

Excellent <input type="checkbox"/>	Very Good <input checked="" type="checkbox"/>	Good <input type="checkbox"/>	Average <input type="checkbox"/>
---------------------------------------	--	----------------------------------	-------------------------------------

5. I would highly recommend this course to other students

Excellent <input checked="" type="checkbox"/>	Very Good <input type="checkbox"/>	Good <input type="checkbox"/>	Average <input type="checkbox"/>
--	---------------------------------------	----------------------------------	-------------------------------------

A. V. V. V.
20/6/2018
Signature of the participant



ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT
VALUE ADDED COURSE::PLC

Feedback Form

II B.Tech Academic Year 2018-2019

1. The instructor was well prepared for the class

Excellent ✓	Very Good	Good	Average
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Excellent	Very Good ✓	Good	Average
-----------	----------------	------	---------

3. The lectures and tests complemented each other.

Excellent	Very Good ✓	Good	Average
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4. The course was organized in a manner that helped me understand the underlying concepts.

Excellent	Very Good ✓	Good	Average
-----------	----------------	------	---------

5. I would highly recommend this course to other students

Excellent ✓	Very Good	Good	Average
----------------	-----------	------	---------

G. Santhosh 20/6/2018
Signature of the participant



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ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT
VALUE ADDED COURSE:: PLC

II B.TECH

AY 2018-2019(25-06-2018 to 30-06-2018)

Feedback Analysis

Number of students submitted Feedback Forms: 56

Total number of Points: 280

S.No	Description	Excellent	Very Good	Good	Average	%
1	The instructor was well prepared for the class	22	25	5	4	83.21
2	The instructor showed an interest in helping students learn	22	23	9	2	83.21
3	The lectures and tests complemented each other	21	27	5	3	83.57
4	The course was organized in a manner that helped me understand the underlying concepts	21	27	7	1	84.29
5	I would highly recommend this course to other students	24	24	6	2	85.00
Total(Average)						83.86%

- Total Points ≥ 90 ⊕ Excellent (5 Points)
Total Points ≥ 80 ⊕ Very Good (4 Points)
Total Points ≥ 70 ⊕ Good (3 Points)
Total Points ≥ 50 ⊕ Average (2 Points)

Feedback analysis report: The Value added Course was very good based on the feedback percentage that was given by the students.

CO-ORDINATOR

[Handwritten Signature]
30/6/2018

HOD/EEE
[Handwritten Signature]
30/6/2018
HEAD OF THE DEPT
Electrical & Electronic Eng
mother theresa inst of Engg & Tec
Palamaner-517408

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Melumoi (Post), Palamaner-517408, Chittoor Dist., A.P.

Website: www.mtitech.edu.in email: mtieat@gmail.com ☎ 08579 268589



Certificate

This is to certify that Mr./Ms. Makkam Navasree Reg.No. 17HR1A00230
Department of EEE has successfully completed Value added
course on "PLC", Conducted by the department of Electrical and Electronics
Engineering, MTIET, Palamaner. From 25-06-2019 to 30-06-2019 and has
secured A grade.

CO-ORDINATOR



HOD



PRINCIPAL

Mother Theresa Institute of Engineering and Technology



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Melumoi (Post), Palamaner-517408, Chittoor Dist., A.P.

Website: www.mtitech.edu.in email: mtieat@gmail.com ☎ 08579 268589



Certificate

This is to certify that Mr./Ms. Modem Sandhya Reg.No. 18HR540206
Department of EEE has successfully completed Value added
course on "PLC", Conducted by the department of Electrical and Electronics
Engineering, MTIET, Palamaner. From 25-06-2019 to 30-06-2019 and has
secured A grade.

CO-ORDINATOR

PRINCIPAL