



**MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)**  
(UGC Autonomous Institution, Affiliated to JNTUH, Accredited 2<sup>nd</sup> time by NAAC with 'A' Grade &  
NBA and Recipient of World Bank Assistance under TEQIP--II S.C. 1.1)

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

## Department of Electronics and Communication Engineering

### CIRCULAR

Date: 14.04.2023

All the students are hereby informed that value added courses on “**CRT**” from 24/04/2023 to 28/04/2023 is being organized by the Department of Electronics and Communication Engineering. The resource person for this course is Ms. Hema Latha, Placement Trainer, skilltimate Technologies, Hyderabad. Students are advised to register their names to the programme coordinator on or before 16/04/2023 and utilize this opportunity to enhance their skills by attending the programme.

The detailed program will be displayed in notice board

Copy to

- 1) Circulation in students classroom
- 2) All HOD's
- 3) Notice board
- 4) PA to principal for filing

  
HOD, ECE  
Head, Dept. of ECE  
Malla Reddy Engg. College  
Maisammaguda, Dhullapally,  
Secunderbad-500100

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

## About MREC:

Malla Reddy Engineering College (Autonomous), part of Malla Reddy Group of Institutions (MRGI), is one of the reputed engineering colleges in Hyderabad, Telangana and is founded by Sri. Ch. Malla Reddy, currently Hon'ble Minister, Labor and Employment, Factories, Women and Child Welfare and Skill Development, Govt. of Telangana State, who has invaluable insights into technical education of highest quality.

The college was established in 2002 and is an autonomous institution approved by UGC and is affiliated with JNTUH. The college has been accredited by NAAC with 'A++' Grade (Cycle III). Our eligible UG & PG programs received NBA accreditation and some of them received reaccreditation too. It boasts of world - class infrastructure and well-equipped laboratories in all departments and is skillfully and smartly guided by Dr. A. Ramaswami Reddy, Director and Dr. A. Ravindra, Principal and who have rich teaching and industrial experience of many years.

## About ECE Department:

The Department of Electronics and Communication Engineering at MREC, headed by **Dr. M. Jagdeesh Chandra Prasad**, has been producing high-quality technical manpower needed by industry, R&D organizations, and academic institutions since 2002 with an Intake of 60. The intake has been increased to 120 in the year 2004-05 and 180 in the year 2013-14. The Department also offers PG Program VLSI and Embedded Systems. The department UG Program was accredited by NBA in 2008 and Re-accredited I 2014 and 2018.

## About the Program:

This program aims at development of communication and aptitude skills, development of entrepreneur skills, which helps students to established new business to generate employability for society.

## Objectives:

The aim of this workshop is to equip the students with  
1) Aptitude Test 2) Group Discussion or Essay Writing  
3) Interviews

## Outcomes:

This workshop will help the participants in reviewing and practicing test of interpersonal and communication skills of candidates, test of candidate's knowledge of oneself /Clarity about career goals, and quantitative aptitude.

## Resource Persons:

Reputed personalities from academia and industry.

## Course contents:

- Aptitude Test
  - Quantitative Aptitude
  - Data Interpretation:
  - Data Sufficiency
- Group Discussion
- Essay Writing
- Interviews

## Convener

**Dr. M.J.C.PRASAD**, Professor & HOD- ECE  
Email: [ecehod@mrec.ac.in](mailto:ecehod@mrec.ac.in)

## Coordinator:

Dr.G.S.K.Gayathri Devi,  
ECE, Associate Professor, Ph:No: 9701468469



FIVE DAY Workshop ON

“CRT”

Organized by  
**DEPARTMENT OF ELECTRONICS AND  
COMMUNICATION ENGINEERING**

in association with

**ENTREPRENEURSHIP DEVELOPMENT CELL and  
BUSINESS INCUBATION CENTRE (MREC-HUB)**

**24<sup>th</sup> to 28<sup>th</sup> April, 2023**

**Venue: Mini Auditorium, MREC**



**MALLAREDDYENGINEERINGCOLLEGE**

(An UGC Autonomous Institution, Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad. Accredited by NAAC with 'A++' Grade (3<sup>rd</sup> Cycle.)

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



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

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING


Value Added Course  
on  
“CRT”

24<sup>th</sup> -28<sup>th</sup> April 2023  
**Programme Schedule**

Date	Time	Topic	Resource Person
24.04.2023	9:30 – 4.00 pm	Aptitude Test on 1. Quantitative Aptitude 2. Data Interpretation 3. Data Sufficiency	Ms. Hema Latha
25.04.2023	9:30 – 4.00 pm	Group Discussion	Ms. Hema Latha
26.04.2023	9:30 – 4.00 pm	Essay Writing	Ms. Hema Latha
27.04.2023	9:30 – 4.00 pm	Interviews	Ms. Hema Latha
28.04.2023	9:30 – 4.00 pm	Interviews	Ms. Hema Latha

  
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	<b>MALLA REDDY ENGINEERING COLLEGE</b> <b>(AUTONOMOUS)</b> (UGC Autonomous Institution, Affiliated to JNTUH, Accredited 3 <sup>rd</sup> time by NAAC with 'A++' Grade & NBA and Recipient of World Bank Assistance under TEQIP-II S.C. 1.1)	<b>Department of</b> <b>ECE</b>
	Maisammaguda (H), Medchal-Malkajgiri District, Telangana State – 500100	<b>Course: B.Tech</b>
		<b>Date: 24-04-</b> <b>2023 to 28-04-</b> <b>2023</b>

Department of Electronics and Communication Engineering

Academic Year 2022-2023

Name of the Value Added Course: **CRT**

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

Sl. No.	Roll No.	Name	Year/Semester
1	20J41A0402	AITHAM SAI VIGNESH	III/II
2	20J41A0403	AKULA RANGA CHARAN	III/II
3	20J41A0404	ANIVINI SOMARAJ DAIWIK	III/II
4	20J41A0405	AVULA ARUN	III/II
5	20J41A0406	BANGARU AKSHITHA	III/II
6	20J41A0407	BANOTH ANU PRIYA	III/II
7	20J41A0408	BELLAM HIMAJA	III/II
8	20J41A0409	BETHU AJAY	III/II
9	20J41A0410	BHUKYA BHUMIKA	III/II
10	20J41A0411	BOLLAM SELSRIYA	III/II
11	20J41A0412	BURGULA MAHESH	III/II
12	20J41A0413	CH H WAHIINNI	III/II
13	20J41A0414	CHEEKATI SAI SRI NISHITHA	III/II
14	20J41A0415	CHENNAM REDDY MANIKANTA REDDY	III/II
15	20J41A0416	CHEPURI PAVAN	III/II
16	20J41A0417	CHUKKA SAI CHARAN RAO	III/II
17	20J41A0418	D SAMPATH REDDY	III/II
18	20J41A0440	N SHYAM KUMAR	III/II
19	20J41A0441	NANDYALA VIJAY	III/II
20	20J41A0442	NAYINI ANJI KUMAR	III/II
21	20J41A0443	NOMULA TEJA	III/II
22	20J41A0446	RUPAVATH PAVAN KUMAR NAIK	III/II
23	20J41A0447	SARVA SRIRAM CHAKRI	III/II


24	20J41A0448	SEELAM TRISHA MALLIKA	III/II
25	20J41A0449	SHAIK MOHIN	III/II
26	20J41A0450	SHENKARSETTI VAMSHI KRISHNA	III/II
27	20J41A0451	SHERIKARI RUSHITA	III/II
28	20J41A0452	SRIPATHI SAI PREETH	III/II
29	20J41A0453	SRIRAMOJU SOHAN	III/II
30	20J41A0454	THALLURI MANVITHA	III/II
31	20J41A0455	THAMADA RAJENDRA	III/II
32	20J41A0456	THIRUMALASETTI HEMANTH KUMAR	III/II
33	20J41A0459	VAMSIDHAR REDDY S	III/II
34	20J41A0460	VISLAVATH SRI SAINATH	III/II
35	20J41A0465	BOGGUTA AKSHAYA	III/II
36	20J41A0466	BOINI SAI KRISHNA	III/II
37	20J41A0467	BOMMA AKSHAYA	III/II
38	20J41A0468	BONALA DEEPTHI	III/II
39	20J41A0469	CHAKROD VIVEK REDDY	III/II
40	20J41A0470	CHAMARTHI KARTHIK	III/II
41	20J41A0471	CHETHRI BHAVANI	III/II
42	20J41A0472	DASARI VARSHITH REDDY	III/II
43	20J41A0473	DARAVATH MAHENDRA VARMA NAYAK	III/II
44	20J41A0474	DEVIGARI BABU	III/II
45	20J41A0475	EPPA BHAVANI PRASAD	III/II
46	20J41A0476	EJJIGIRI ARCHANA	III/II
47	20J41A0477	ESHITA SAHU	III/II
48	20J41A0478	GAJULA RAKSHIKA	III/II
49	20J41A0479	GAJULA VAMSHI TEJA	III/II
50	20J41A0480	GUMMADAVELLY SAI KRISHNA	III/II
51	20J41A0481	GUNDALA UPENDAR	III/II
52	20J41A0482	KICHAYAGARI SATHVIK REDDY	III/II
53	20J41A0483	KALAL SRI DATTHU GOUD	III/II
54	20J41A0484	KALYANAM SHIVA	III/II
55	20J41A0496	MYAKALA NIKHIL	III/II
56	20J41A0497	MYGAPU REVANTH	III/II
57	20J41A0498	N POORNA KRISHNA SAIRAM	III/II
58	20J41A0499	N AJAY KUMAR REDDY	III/II
59	20J41A04A0	N BHANU KIRAN REDDY	III/II
60	20J41A04A1	NAIK JAHNAVI	III/II
61	20J41A04A2	NANDHIKONDA NANDHINI	III/II

62	20J41A04A3	NEREDIMALLI SRI KESAV	III/II
63	20J41A04A4	NITYA ROSHINI P	III/II
64	20J41A04A5	NYATHIKALA HARIKA	III/II
65	20J41A04A7	PAGIDIKATHULA SIVAGANESH	III/II
66	20J41A04A8	PATLOLLA ANIKA REDDY	III/II
67	20J41A04A9	PYATA VAMSHI	III/II
68	20J41A04B0	RASAMALLA SAI VARSHITH	III/II
69	20J41A04B1	RAVURI NARAYANA	III/II
70	20J41A04B2	SAI TEJA PENTAMARAJU	III/II
71	20J41A04B3	DUDDUKUNTA SRINIVASA REDDY	III/II
72	20J41A04B4	SUNAMONI BINDU SRI	III/II
73	20J41A04B5	THOPIAYARA VARSHITH	III/II
74	20J41A04B6	UDTHA INDUSREE	III/II
75	20J41A04B7	VEMURI JAYANTH KUMAR	III/II
76	20J41A04B8	VENGAL REDDY SANDEEP KUMAR REDDY	III/II
77	20J41A04B9	VENGOTI JYOTHSNA	III/II
78	20J41A04C0	KULKARNI VIJAY	III/II
79	21J51A0407	DANYASI GOWTHAM KUMAR	III/II
80	21J51A0408	EDUNOORI SHIVA	III/II
81	21J51A0409	G RAMANCHA SAI DEEPTHI	III/II
82	21J51A0410	JOHN BALAYESU AUGESTINE	III/II
83	21J51A0411	KARIKE PRAVEEN	III/II
84	20J41A04C1	ASSUPALLY NANDINI	III/II
85	20J41A04C2	ABBOJU SAI RAM	III/II
86	20J41A04C3	BODAPATI NIRUPAM VENKAT SARVESH	III/II
87	20J41A04C4	BALA SARVANI ILURI	III/II
88	20J41A04C5	BANALA ROHITH	III/II
89	20J41A04C6	BANDALA MEGHANATH	III/II
90	20J41A04D2	CHERIPELLY DEVAKI	III/II
91	20J41A04D3	CHILUVERU VARUN	III/II
92	20J41A04D4	EDIGI KAVERI	III/II
93	20J41A04D5	GADE VARUN REDDY	III/II
94	20J41A04D6	GANJIKUNTA VISWANATH	III/II
95	20J41A04D7	ICHAVARAPU SURESH KUMAR	III/II
96	20J41A04D8	K RAM SREEKAR	III/II
97	20J41A04D9	KALLAKURI BHASKARA DATTA SAI	III/II
98	20J41A04E0	KAPPA SHIVALAXMI	III/II
99	20J41A04E1	KARTHICK SRI SRENIKETH	III/II
100	20J41A04E2	KASTURI ANWESH	III/II

101	20J41A04E3	KOPPULA MANOJ	III/II
102	20J41A04G9	RUPAVATHU SEETHA RAM	III/II
103	20J41A04H0	SADULA JAGADEESWAR REDDY	III/II
104	20J41A04H1	SANGANAMONI KARTHIK	III/II
105	20J41A04H2	SERU VIBHAVARI	III/II
106	20J41A04H3	SHAIK MAQSOOD	III/II
107	20J41A04H4	SIRIPURAM NAGALAXMI	III/II
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109	20J41A04H6	TUNIKI DINESH	III/II
110	20J41A04H7	VANAM YAMINI	III/II
111	20J41A04H8	VANGALA SNEHANJALI SRI CHANDAN	III/II
112	20J41A04H9	VELAGA DURGA PRASANTH	III/II
113	20J41A04J0	YEDLA GREEPITHA	III/II
114	21J51A0413	MD MAHAMMAD	III/II
115	21J51A0414	NALLA RAHUL BRITTO	III/II

  
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	Maisammaguda (H), Medchal-Malkajgiri District, Telangana State – 500100	<b>Course: B.Tech</b>
		<b>Date: 24-04- 2023 to 28-04- 2023</b>

Department of Electronics and Communication Engineering

Academic Year 2022-2023

Name of the Value Added Course: **CRT**

**List of Students completed course**

Sl. No.	Roll No.	Name	Course Completion (Yes/No)
1	20J41A0402	AITHAM SAI VIGNESH	Yes
2	20J41A0403	AKULA RANGA CHARAN	Yes
3	20J41A0404	ANIVINI SOMARAJ DAIWIK	Yes
4	20J41A0405	AVULA ARUN	Yes
5	20J41A0406	BANGARU AKSHITHA	Yes
6	20J41A0407	BANOTH ANU PRIYA	Yes
7	20J41A0408	BELLAM HIMAJA	Yes
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19	20J41A0441	NANDYALA VIJAY	Yes
20	20J41A0442	NAYINI ANJI KUMAR	Yes
21	20J41A0443	NOMULA TEJA	Yes
22	20J41A0446	RUPAVATH PAVAN KUMAR NAIK	Yes
23	20J41A0447	SARVA SRIRAM CHAKRI	Yes



24	20J41A0448	SEELAM TRISHA MALLIKA	Yes
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88	20J41A04C5	BANALA ROHITH	Yes
89	20J41A04C6	BANDALA MEGHANATH	Yes
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97	20J41A04D9	KALLAKURI BHASKARA DATTA SAI	Yes
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99	20J41A04E1	KARTHICK SRI SRENIKETH	Yes
100	20J41A04E2	KASTURI ANWESH	Yes

101	20J41A04E3	KOPPULA MANOJ	Yes
102	20J41A04G9	RUPAVATHU SEETHA RAM	Yes
103	20J41A04H0	SADULA JAGADEESWAR REDDY	Yes
104	20J41A04H1	SANGANAMONI KARTHIK	Yes
105	20J41A04H2	SERU VIBHAVARI	Yes
106	20J41A04H3	SHAIK MAQSOOD	Yes
107	20J41A04H4	SIRIPURAM NAGALAXMI	Yes
108	20J41A04H5	TALLURI INDU VENKATA TEJA	Yes
109	20J41A04H6	TUNIKI DINESH	Yes
110	20J41A04H7	VANAM YAMINI	Yes
111	20J41A04H8	VANGALA SNEHANJALI SRI CHANDAN	No
112	20J41A04H9	VELAGA DURGA PRASANTH	Yes
113	20J41A04J0	YEDLA GREEPITHA	Yes
114	21J51A0413	MD MAHAMMAD	Yes
115	21J51A0414	NALLA RAHUL BRITTO	Yes

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

## **Department of Electronics and Communication Engineering**

Date: 28.04.2023


### Report for value added course on CRT

A Five days CRT programme was organized by the Department of Electronics and Communication Engineering, and the event was coordinated by Dr. G.S.K. Gayathri Devi, Associate Professor, ECE Department from 24<sup>th</sup> April 2023 to 28<sup>th</sup> April 2023 and 112 students attended from B.Tech ECE. The resource person for this course is Ms. Hema Latha. To empower students so that they can successfully prepare and demonstrate the most effective ways to craft and deliver messages adapted to a wide variety of audience.

After the training programme, the students learned the following:

- Data Interpretation , Sufficiency and Quantitative Aptitude
- Group Discussion
- Essay Writing
- Interviews

  
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(Post Via Kompally), Sec'bad-500100.



**MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)**

(UGC Autonomous Institution, Affiliated to JNTUH, Accredited 3<sup>rd</sup> time by NAAC with 'A++' Grade & NBA and Recipient of World Bank Assistance under TEQIP--II S.C. 1.1)

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

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

Name of the Value Added Course: CRT

Date: 24/04/ 2023

**Objective Questions**

1. 252 can be expressed as a product of primes as :

- A.  $2 \times 2 \times 3 \times 3 \times 7$
- B.  $2 \times 2 \times 2 \times 3 \times 7$
- C.  $3 \times 3 \times 3 \times 3 \times 3 \times 7$
- D.  $2 \times 3 \times 3 \times 3 \times 7$

2. Which of the following has most number of divisors ?

- A. 99
- B. 101
- C. 176
- D. 182

3. A number  $n$  is said to be perfect if the sum of all its divisors (excluding  $n$  itself) is equal to  $n$ . An example of perfect number is :

- A. 6
- B. 9
- C. 15
- D. 21

4. HCF of  $4 \times 27 \times 3125$ ,  $8 \times 9 \times 25 \times 7$  &  $16 \times 81 \times 5 \times 11 \times 49$  is:

- A. 180
- B. 360
- C. 540
- D. 1260

5. Find the highest common factor of 36 and 84

- A. 4
  - B. 6
  - C. 12
  - D. 18
-

6. The H.C.F of 204, 1190 and 1445 is :

- A.17
- B.18
- C.19
- D.21

7. Which of the following is a pair of co-primes ?

- A.(16, 62)
- B.(18, 25)
- C.(21, 35)
- D.(23, 92)

8. Sachin is younger than Rahul by 4 years. If their ages are in the respective ratio of 7: 9, how old is Sachin?

- A.16 years
  - B.18 years
  - C.28 years
  - D.Cannot be determined
- 

9. The ratio between the present ages of P and Q is 6 : 7. If Q is 4 years Old than P, what will be the ratio of the ages of P and Q after 4 years ?

- A.3 : 4
  - B.3 : 5
  - C.4 : 3
  - D.None of these
- 

10. The ratio between the present ages of P and Q is 5 : 7 respectively. If the difference between Q's present age and P's age after 6 years is 2, what is the total of P's and Q's present ages ?

- A.48 years
- B.52 years
- C.56 years
- D.Cannot be determined

11. At present, the ratio between the ages of Arun and Deepk is 4: 3. After 6 years, Arun's age will be 26 years. What is the age of Deepak at present?

- A.12 years
  - B.15 years
  - C.19 1/2 years
  - D.21 years
-

12. Present ages of X and Y are in the ratio 5 : 6 respectively. Seven years hence this ratio will become 6 : 7 respectively. What is X's present age in years ?

- A.35
  - B.42
  - C.49
  - D.Cannot be determined
- 

13. Present ages of Sameer and Anand are in the ratio of 5 : 4 respectively. Three years hence, the ratio of their ages will become 11 : 9 respectively. What is Anand's present age in years ?

- A.24
- B.27
- C.40
- D.Cannot be determined

14. Six years ago, the ratio of the ages of Kunal and Sagar was 6 : 5. Four years hence, the ratio of their ages will be 11 : 10. What is Sagar's age at present ?

- A.16 years
- B.18 years
- C.20 years
- D.Cannot be determined

15. David obtained 76, 65, 82, 67 and 85 marks (out of 100) in English, Mathematics, Physics, Chemistry and Biology. What are his average marks?

- A.65
  - B.69
  - C.72
  - D.None of these
- 

16. In Arun's opinion, his weight is greater than 65kg but less than 72 kg. His brother does not agree with Arun and he thinks that Arun's weight is greater than 60 kg but less than 70 kg. His mother's view is that his weight cannot be greater than 68 kg. If all of them are correct in their estimation, what is the average of different probable weights of Arun ?

- A.67 kg
  - B.68 kg
  - C.69 kg
  - D.None of these
-

17. The average of 20 numbers is zero. Of them, at the most, how many may be greater than zero?

- A.0
  - B.1
  - C.10
  - D.19
- 

18. Find the average of all the numbers between 6 and 34 which are divisible by 5.

- A.18
  - B.20
  - C.24
  - D.30
- 

19. The average of first five multiples of 3 is :

- A.3
  - B.9
  - C.12
  - D.15
- 

20. A student was asked to find the arithmetic mean of the numbers 3, 11, 7, 9, 15, 13, 8, 19, 17, 21, 14 and x. He found the mean to be 12. What should be the number m place of x?

- A.3
- B.7
- C.17
- D.31

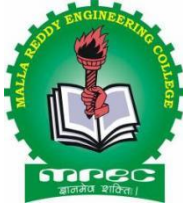


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Department of Electronics and Communication Engineering

## *Certificate of Completion*

This is to certify that Mr./Ms. A. Arun bearing roll no. 20J41A0405 has successfully completed Value Added Course in “CRT” organized by Department of Electronics and Communication Engineering from 24/04/2023 to 28/04/2023.

  
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Principal MREC