

Enroll No

K.E.Society's  
**Rajarambapu Institute of Technology, Rajaramnagar**  
(An Empowered Autonomous Institute, affiliated to SUK)

Q.P. Code
UT 3200

**Unit Test -II ( 2025-26)**

T.Y. B.Tech.-Electronics & Telecommunication Engineering

**Course Code:ECMD303**

**Course Name:MDM-4 Electronics Product Design**

Day & Date: *Saturday 20/09/2025*

Time: *2:30 To 3:30*

Max Marks- 25

- Instructions:**
- 1) All questions are compulsory.
  - 2) Figures in rounded( ) brackets within the question, indicate the scheme of marking for respective part of the question, whereas, figures in the first right column indicate total marks for that whole question.
  - 3) CO is the index number of the Course Outcome statement.
  - 4) The Bloom's taxonomy level (BL) for 1,2,3,4,5 and 6 is remember, understand, apply, analyze, evaluate and create respectively.
  - 5) Assume suitable data if necessary.
  - 6) Use of non-programmable calculators is allowed

			Marks	BT Level	COs
Q.1	A	Illustrate different types of Printed Circuit Board (4M) with the help of examples (3M).	07	L3	CO2
OR					
	A	Illustrate PCB design steps(4M) with the help of diagram (3M).	07	L3	CO2
	B	Describe(3M) different terms related to PCB with the help of examples (3M).	06	L2	CO2
Q.2	A	Explain (3M) Signal Integrity with the help of flowchart(3M).	06	L2	CO3
	B	Compare Analog oscilloscope, Digital Oscilloscope and Logic Analyser. (6M for 6 points).	06	L2	CO3

