

Reg. No. [REDACTED]

Name : [REDACTED]



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MID TERM EXAMINATIONS – July 2024

Programme	: B.Tech.	Semester	: Fall Semester 2024-2025
Course Title	: Engineering Design and Modelling	Course Code	: MEE2014
Date/Session	: 16 July 2024/Session I	Slot	: B11+B12+B13+E11+E12
Time	: 1 ½ hours	Max. Marks	: 50

Answer all the Questions

Q.No.	Sub. Sec.	Question Description	Marks
1		What is the SCAMPER technique? Apply this technique with a Water Bottle. Draw suitable sketches with labels.	10
2		Outline the term “Mind Map” and create it for the students of VIT Bhopal University 2022 batch appearing for the term-end examination in May 2024.	10
3		Explain conceptual design, embodiment design, and detailed design phases in engineering product planning.	10
4		What do you understand about aesthetic design, discuss the various types of aesthetic design with suitable examples.	10
5		Consider that you want to purchase a new smartphone. Draw an empathy map for this purpose.	10

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