

JK LAKSHMIPAT UNIVERSITY, JAIPUR

INSTITUTE OF ENGINEERING AND TECHNOLOGY

End-Term Examination
B. Tech., Second Year (*Backlog*)

ME1409: Design and Documentation

Time: 2.5 hours

Max. Marks: 30

Instruction to students:

1. Do not write anything other than your roll number on question paper.

1(a). Provide practical examples of successful design innovations that embody the principles of Human-Centered Design and Design Thinking. Discuss how these examples demonstrate the iterative nature of design making, breaking, and repeating. **(7 marks)**

(CO-1)

1(b). Outline the steps involved in the design innovation process. Elaborate on the importance of each step in fostering creative and effective design solutions. **(3 marks)**

(CO-1)

2(a). Explain the importance of basic drawing and visualization skills in the field of design. Provide three examples of how effective visualization skills contribute to the design process.

(5 marks)

(CO-2)

2(b). Discuss the significance of proper lighting and shadow techniques in sketching and rendering. Provide practical tips for achieving realistic lighting effects in a design sketch.

(5 marks)

(CO-2)

3(a). Discuss the role of equipment and software in the creation of videos. Compare and contrast at least two types of video creation tools, highlighting their specific features and applications in the context of visual storytelling. **(5 marks)**

(CO-3)

3(b). Using animation and filmmaking as mediums, discuss strategies for finding and telling a story effectively. Include considerations for audience engagement, pacing, and the use of visual elements to enhance the storytelling experience. **(5 marks)**

(CO-3)