

BACHELOR OF TECHNOLOGY (CBCS) (2021-COURSE)
B. Tech. Sem - VI COMPUTER SCIENCE & ENGINEERING : WINTER : 2024
SUBJECT: DESIGN THINKING

Day : Monday
Date : 25/11/2024

W-25599-2024

Time : 10:00 AM-01:00 PM
Max. Marks : 60

N.B.

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate **FULL** marks.
- 3) Assume suitable data **WHEREVER** necessary.
- 4) Draw neat diagrams **WHEREVER** necessary.

Q.1 State and explain applications of Design Thinking in real life. (10)

OR

Q.1 What are the pillars of Design Thinking? Explain them with suitable examples. (10)

Q.2 Explain Design opportunity template with its questions. (10)

OR

Q.2 i) Explain the power of Empathy with real life example. (10)
ii) Differentiate between Empathy and Sympathy.

Q.3 Write and explain the steps for the creation of personas? (10)

OR

Q.3 What are four different types of personas? (10)

Q.4 What is 'Six Thinking Hats'? What it symbolizes? Explain with example. (10)

OR

Q.4 Write the importance of storytelling in presenting ideas. (10)

Q.5 What are the types of prototyping? (10)

OR

Q.5 Explain the concept of value proposition with example. (10)

Q.6 Why testing is needed in Design Thinking? Discuss in brief. (10)

OR

Q.6 How does Agile and Design Thinking complement each other? (10)
