



National Institute Of Technology, Tiruchirappalli
Department of Computer Science and Engineering

Class Test-2 - Design Thinking

Course Code: CSPE42

Marks: 20

Duration: 1 hr

Instructions to the Students:

- I. Answer all questions.
- II. Total time: 60 minutes
- III. 4*5=20 Marks

1. a. How uncertainty is dealt in design ability? Explain. [1.5]
b. Briefly elucidate "What if phase" with an example. [3.5]
2. a. "Design in design thinking is an abduction" – Give logic in support of this statement. [1.5]
b. Explain "What wows" with an example. [3.5]
3. a. "Successful designers are optimists and opportunists" – Do you agree or disagree? Justify your argument. [1]
b. Expound "Design thinking brainstorming, Concepts development, develop concepts, napkin pitches." with an example. [4]
4. Why Assumption Testing and Rapid prototyping De-risks the project ?
Explain the forms of 2D prototypes. [3+2]