

 **COMPUTER ENGINEERING DEPARTMENT**

**Vision**: “To contribute to society through excellence in scientific knowledge based education of computer science professionals”.

**Mission**:

● To transform students in to technically components, socially responsible & ethical computer science professional

● To promote creative teaching learning process that strive for academic excellence in the field of computer engineering..

 ● To enhance the technical expertise of students through workshops and industry institute interaction.

 **Subject Name: Software Testing-22518 Date :-06/08/2024**

 **Assignment No :-01**

 **Topic Name :-Basic of Software Testign and Testing Methods (14M)**

**Course Outcome: Apply various software testing methods.**

 1) Define Software Testing and Role of testing?.

 2) What are bugs? list software failure term and explain?

 3) Differentiate between Verification and Validation.

 4) Differentiate between Static and Dynamic Testing?

 5) Differentiate between Quality Control and Quality Assurance. ?

 6) Explain White box testing with its classification.?

 7) Explain Black box testing with its classification?

 8) Explain Boundary value analysis with example?

 9) Explain Equivalence Partitioning with example?

10) Explain V-model with example ?



11) Define the term: Error, Defect, Failure, Bug and Fault?

**Name of Course Coordinator:- Mrs.Rohini Kapse**

**Last Date of Submission:- 12/08/2024**