**TKR COLLEGE OF ENGINEERING & TECHNOLOGY**

**AUTONOMOUS**

**Approved By AICTE, Affiliated to JNTUH, Accredited by NBAAccridited by NAAC with ‘A’ Grade**

**Recognized under 2(f) and 12 (B) of UGC Act 1956**

SOFTWARE TESTING METHODOLOGY

**YEAR IV Sem I**

**Assignment Questions (Minor I)**

1) What is meant by testing? Why we need it? List the goals of software testing?

2) State and explain various dichotomies in software testing.

2) Differentiate between debugging and testing.

4) Explain model of testing with suitable diagram.

5) Explain structural bugs and various kinds of bugs.

6) Explain Taxonomy of bugs.

7) List the elements of flow graph and explain each Element with Suitable diagram.

8) What is meant by program's control flow? How is it useful for path, testing?

9) What is path testing? Give a note on path selection and predicates.

10) Define cross and parallel term in paths testing.