

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**Syllabus for M. Arch - 2019**  
**THIRD SEMESTER**  
**Subject: Quantitative Research Methods**

**Course Code: X36102**

**Credits: 3**

**Course Objective:** Pre Thesis Research methodology, Quantitative methods, problem formulation, literature review

**Course Contents:**

In addition to understanding research methodologies both quantitative and qualitative the student is expected to add to the body of knowledge by conducting research on relevant topics as well as do pre-thesis preparation in terms of, problem formulation, literature review, work methodology etc. To study in depth subject related to the individual dissertation

**References:**

1. Research Methodology, Ranjit Kumar
2. Qualitative Inquiry and Research Design: Choosing Among Five Approaches, John W. Creswell
3. Educational Research: Planning, Conducting, and Evaluating Quantitative and Qualitative Research, 6th Edition, Publisher: Pearson
4. Statistics in Theory and Practice by L R Connors and Morreu