



JAWAHARLAL NEHRU ARCHITECTURE AND FINE ARTS UNIVERSITY

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Ph.D. ELIGIBILITY ENTRANCE TEST (PEET) - 2024

Syllabus for Research Methodology

Unit 1: Introduction to Research Methodology

- Meaning of Research
- Objectives of Research
- Types of Research
- Research Approaches
- Significance of Research
- Research Process
- Criteria of good Research

Unit 2: Research Problem

- Meaning of Research Problem
- Selecting the Research Problem
- Necessity of defining the Problem
- Sources of Research Problem
- Steps involved in defining a Problem

Unit 3: Hypotheses

- Meaning of Hypothesis
- Characteristics of a Hypothesis
- Functions of Hypotheses
- Types of Hypotheses
- Testing Hypotheses

Unit 4: Research Design

- Meaning of Research Design
- Need for Research Design
- Functions of Research Design
- Features of Good Research Design
- Different types of Research Designs

Unit 5: Sampling

- Meaning of Sampling
- Principles of Sampling
- Purpose of Sampling
- Types of Sampling
- Sample Size

Unit 6: Methods of Data Collection

- Collection of Primary data
- Collection of Secondary data
- Selection of appropriate method for Data Collection
- Case Study Method

Unit 7: Data Processing and analysis

- Data Processing
- Data distribution
- Tabulation of data
- Data Analysis with Statistical Measures

Unit 8: Interpretation and Report writing

- Meaning and Techniques of Interpretation
- Precautions in Interpretation
- Significance of Report Writing
- Different steps in Report Writing
- Layout of the Research Report