

SES'S L.S.RAHEJA COLLEGE OF ARTS AND COMMERCE

Course: Research methodology

Unit: 2

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Research Design

A research design is defined as “a logical and systematic plan prepared for directing a research study. It specifies the objectives of the study; the methodologies and techniques to be adopted for achieving the objectives.”

Need and Importance of Research design

Guidelines to the Researcher

Organizing Resources

Directions to the Research Staff

Collection of Relevant Data

Selection of Techniques

Monitoring of Expenditure

Objectives of Research

Execution of Research Work

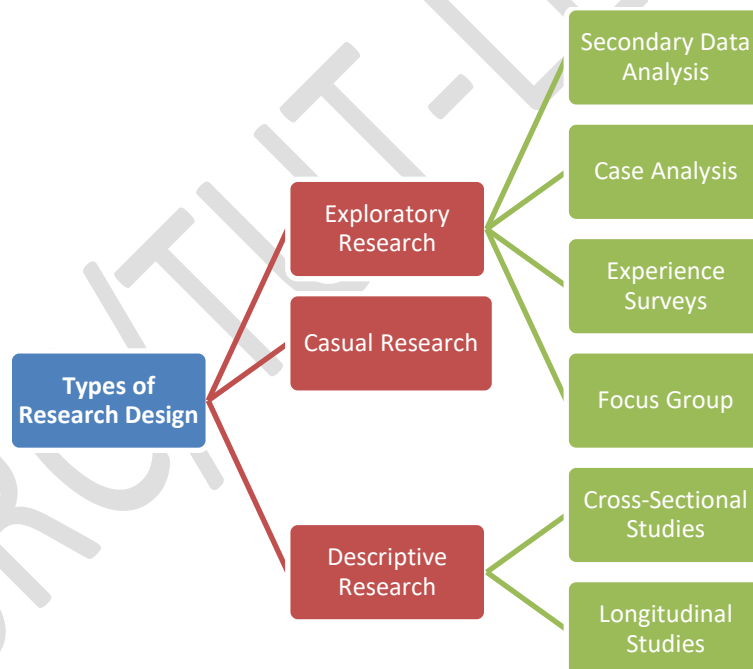
Motivation to the Staff

Improvement in Decision Making

Essentials of a good Research Design



Types of Research Design



Hypothesis

Hypothesis is defined as a preposition which can be put to a test to determine its validity.

The characteristics of a good hypothesis-

- Empirically Testable
- Conceptual Clarity
- Specific
- Related to available techniques
- Theoretical Relevance
- Consistency
- Objectivity
- Consider all pertinent Areas of problem

Steps in formulation of Hypothesis

Identifying the Research Problem

Identify causes of problem

Formulate the hypotheses

Pilot test the Hypotheses

Select the best Hypothesis

Conduct the Research

Test the hypothesis

Select the Test Criterion

Acceptance or Rejection of Hypotheses

Significance of Hypothesis

Provides Definite Focus

Determines Data Needs

Technique of analysis

Specifies Sources of data

Suggests the type of research

Development of Theory

NOTE: THESE POINTS ARE INDICATIVE AND NOT EXHAUSTIVE. PLEASE ELABORATE THE ANSWERS WITH PROPER EXAMPLES WHEREVER APPLICABLE.

IMPORTANT QUESTIONS:

1. What is the meaning of Research Design?
2. Explain Need of research design.
3. Explain Essentials of a good Research Design.
4. Explain Types of Research Design.
5. What is Hypothesis? Explain the characteristics of a good hypothesis.
6. What are the Steps in formulation of Hypothesis?
7. What is the importance of Hypothesis?

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