

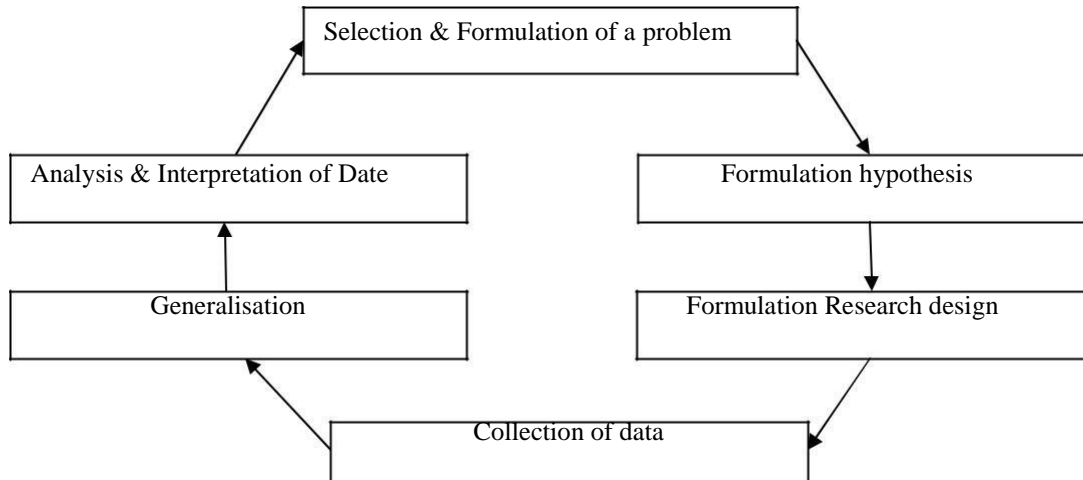
d) Verifiability

The conclusions arrived by a scientist should be verifiable. He must make known to others how he reached at his conclusion. Such verifications help in further research.

f) Logical Reasoning Process

The Scientific Method involves the logical process is process of reasoning. The reasoning finding used for drawing inference from the conclusion. of a study or for arriving at a

The Research Process



The Research Process is the Paradigm of research project. In a research project there are various scientific activities. The research process is a system of Interrelated activities. Usually research begins with the selection of a problem. The various stages in the research process are explained in the above diagram. Research is a cyclical process. If the Data do not support the hypothesis, research is repeated again.

C.R. Kothari in his book, "Research Methodology: Methods & Techniques" presents a brief overview of a research process. He has given the following order concerning the Research Process.

1. Formulation the Research problem
2. Extensive Literature survey
3. Developing the hypothesis
4. Preparing the research design
5. Determining sample design
6. Collection of Data
7. Execution of the Project

8. Analysis of Data
9. Hypothesis testing
10. Generalisation & Interpretation
11. Preparation of the report.

#### Qualities of Good Research Worker

The success of any Research to a great extent depends on the qualities of the Researcher. The qualities are two fold.

1. General Qualities
2. Specific Qualities

##### 1. General Qualities

###### a) Scientific attitude

The 1st essential quality of a successful research worker is that he must possess a scientific frame of mind. Human beings have certain prejudices but a researcher should not be guided by this. He must develop a spirit of science in his mind.

###### b) Imagination & insight

The researcher must possess a high degree of imagination. He should be able to go deeper & deeper into the area of social phenomena & visualise the intangible aspects of society.

###### c) Perseverance

The work of scientific Research requires unlimited patience. He should not get easily discouraged. He may often face serious difficulties. But he must develop courage to face, the difficulties & work patiently.

###### d) Quick Grasping Power

The Researcher should possess the power to grasp the significance of things quickly.

###### e) Clarity of thinking

A good Researcher should have clear idea about terminology that he is going to use.

##### 2. Specific Qualities

###### a) Knowledge of the Subject

The researcher should be an expert in the study of the subject which he is going to research. Hence he should read all texts on the matter & form of clear-cut idea about the subject under study.

###### b) Knowledge of the Research Technique