

RESEARCH

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OBJECTIVES

1. Define research, characteristics, steps and its types.

***Research:**

Systematic search for information and new knowledge, it depends on systematic collection, analysis and interpretation of data to answer a question or solve a problem.

. * Characteristics of research:

1. It demands a clear statement of the problem.
2. It requires a plan (it is not aimlessly looking for something in the hope that can you find a solution)
3. It is based on existing data with consideration of positive and negative finding.
4. New data should be collected as required and be organized in such way that they answer the original research question

***Types of research:**

1. Theoretical research: It is based on theory and observation.

2. Empirical research: It is based on observation and experiments as in biomedical and health system researches. Health research includes epidemiological (biomedical, evidence based medicine), health system research, and behavioral / socio-economic and cultural research.

***Research implementation activities**

1. Choosing a topic.
2. Literature search.
3. Formulate objectives.
4. Determination of sample.
5. Design a questionnaire.
6. Pretest.
7. Data collection.
8. Data analysis.
9. Computing.
10. Writing.
11. Typing.
12. Presentation.
13. Publication.
14. Application.