RESEARCH DEFINITIO AND PURPOSES, KINDS

INTRODUCTION

- The word research is derived from the French term recerchier, a compound word composed of a prefix re, and a verb search. Re means 'intensive', 'once again', 'anew', or 'afresh' and search means 'to look for something or examine closely and carefully', 'to look for information'.

- **<u>Definition:-</u>**
- It is the systematic manner in which a researcher approaches their area of study to produce knowledge which the community will consider to be worthwhile within the field.

- Research essentially is a problem-solving process, a systematic, intensive study directed towards full scientific knowledge of subject studies.
  - **Ruth M. French**
  - **Or**

- Research is a scientific, systematic, controlled, orderly, and objective investigation to develop, refine and expand body of knowledge.

- **DEFINITION OF NURSING RESEARCH**
- Nursing research is defined as a systematic search for knowledge about issues of importance to nursing.

  - **Polit and Hungler**

Nursing research is a way to identify new knowledge, improve professional education and practices and use of resources effectively.

- **International council of nursing research**

PURPOSES OF NURSING RESEARCH:

Research is a fundamental essential prerequisite for any profession. The specific purpose of nursing research includes identification, description, exploration, explanation, prediction, and control of facts. Therefore, nursing researchenables nurses in the following ways.

- Develop, refine and extended the scientific base of knowledge, which is required for quality nursing care, education, and administration.
- Enhance the body of professional knowledge in nursing.
- Provide foundation for evidence based nursing practices.

- Help in expansion of knowledge, which is essential for continued growth of nursing profession.
- Enhance their professional identity as research is an essential component of any profession.
- Define the parameters of nursing, which will help nurses to identity boundaries of nursing profession.

- Refine and eliminate old knowledge so that it helps in elimination of nursing actions that have no effect on that achievement of desired care outcomes.

- Identity nursing care practices that make a difference in health care status of individuals and are cost-effective.

- Enhance accuracy of different nursing educational and administrative techniques.

- Develop and refine nursing theories and principles.
- Solve the problems or answer the questions related to nursing practices, nursing education, and nursing administration.

- **KINDS OF NURSING RESEARCH:** Research can be classified based on several criteria. However, basically, research is classified based on either an approach of studying the variable or the purpose of conducting the research.

- **Based on approach**

Mixed method

- Convergent research

- Explanatory sequential research

- Exploratory sequential research

- Embedded research

Qualitative research

- Phenomenology research
- Ethnography research
- Grounded theory research
- Case study research
- Historical research

Quantitative research

- True experimental research/ randomized controlled trial
- Quasi-experimental research
- Nonexperimental research
- Descriptive research
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- Exploratory research
- Correlational research
- **Based on purpose**

Basic research

Applied research

- **Based on approach**

Quantitative research:

- It is an inquiry into an identified problem, based on testing a theory composed of variables, measured with numbers and analysed using statistical techniques.

- In this type of research data is collected in numerical form and analysed by using descriptive or inferential statistics.

- Quantative research involves analysis of numerical data.

- Quantitative research is often an iterative process whereby evidence is evaluated, theories and hypotheses are tested, and technical advances are made.

- The three major types of quantitative research designs are experimental, quasi-experimental, and nonexperimental research designs.

- **Qualitative research**:
- Qualitative research is a field of inquiry that crosscuts disciplines and subject matter.
- It involves an in-depth understanding of human behaviour and the reasons that govern human behaviour.
- Here, data is collected in descriptive form rather than numerical form and analysed by descriptive coding, indexing, and narrations.

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