

# INTRODUCTION TO RESEARCH

## Course Description:-

This course is designed to develop fundamental abilities and attitude in the students towards scientific methods of investigation and utilization of research finding so as to improve practice of nursing.

## General Objective:-

Upon completion of this course, the students shall able to:

1. Describe the use of research in the practice of nursing
2. Describe the scientific methods of investigation used in nursing.
3. Participate in research activities in the health care settings.

**Total Hours: 30**

Unit	Learning Objectives	Contents	Hr.	Teaching learning activities	Assessment Method
I	Discuss the importance of research in Nursing	<b>Introduction</b> a) Definition b) Terminology related to research c) Need and importance of nursing research d) Characteristics of good research	3	Lecture cum discussion	Short answers Objective type
II	Describe the research process	<b>Research process</b> a) Purposes and objectives b) Steps in research process	3	Lecture cum discussion	Short answer Essay type
III	Describe the various research approaches	<b>Research approaches and designs</b> a) Types b) Methods c) Advantages and disadvantages	5	Lecture cum discussion	Short answer Essay type
IV	Describe the various data collection methods	<b>Data collection process</b> a) Meaning b) Methods and instruments of data collection	5	Lecture cum discussion	Short answer Essay type
V	List the steps involved in data analysis	<b>Analysis of data</b> a) Compilation b) Tabulation c) Classification d) Summarization e) Presentation and interpretation of data using descriptive statistic	6	Lecture cum discussion  Reading the research articles	Short answer Essay type
VI	Describe the importance of statistics in research	<b>Introduction to statistics</b> a) Definition b) Use of statistics c) Scales of measurement d) Frequency distribution e) Mean, median, mode and standard deviation.	6	Lecture cum discussion	Short answer Essay type

VII	Describe the utilization of research in nursing practice	<b>Utilization of research in nursing practice</b> - Evidence based practice	2	Lecture cum discussion	Short answer Essay type
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