

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 | Introduction 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 | Research process a) Purposes and objectives b) Steps in research process | 3 | Lecture cum discussion | Short answer Essay type |
| III | Describe the various research approaches | Research approaches and designs a) Types b) Methods c) Advantages and disadvantages | 5 | Lecture cum discussion | Short answer Essay type |
| IV | Describe the various data collection methods | Data collection process 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 | Analysis of data 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 | Introduction to statistics 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 |

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