

PROGRAMME TITLE

Research Methodology

YEAR OF INTRODUCTION

2016

ABOUT CERTIFICATE COURSE

The course provides a foundation for further learning in specific research methods. It is primarily designed for new students beginning Masters course in the School of Health and Related Research and there is an emphasis on research techniques used in public health and health services research.

CONTENTS OF THE PROGRAM

1. Introduction
2. Types of Clinical Study Designs
3. Designing the Methodology
4. Sampling Size Determination and Power of a Study
5. Report Writing
6. Presentation of Data
7. Biostatistics – Introduction
8. Probability
9. Types of Distribution
10. Measures of Central Tendency
11. Measures of Dispersion
12. Standard Error of Statistics
13. Significant and Insignificant – Introduction
14. Level of Significance (Parametric Data)
15. Level of Significance (Non-parametric Data)
16. Correlation
17. Regression Analysis
18. Introduction to Statistical Software

PROGRAMME OUTCOME

By the end of this course, students will be able to

- ❖ Describe a range of quantitative and qualitative research designs used in health research and identify the advantages and disadvantages associated with these designs.
- ❖ Design an appropriate mixed-method research study to answer a health related research question.

- ❖ Choose appropriate quantitative or qualitative method to collect data.
- ❖ Write a research proposal suitable for submission to a research funding body.

SCHEDULE OF PROGRAM HOURS

12 Hours

PERSON INCHARGE

Name L.V.K.S. JYOTHSNA
Address A. T. Agraharam, Guntur.
E-mail rvksjyothsna@gmail.com
Mobile No 9985578953