



MAHATMA GANDHI UNIVERSITY
of
MEDICAL SCIENCES & TECHNOLOGY
JAIPUR

VAC 21

RESEARCH METHODOLOGY

VALUE ADDED COURSES
NAME OF THE COURSE - RESEARCH METHODOLOGY
CONTACT HOURS-16

COURSE DESCRIPTION

Research is an important part of medical education. Research skills helps to understand the approach and methods used to reach a conclusion. This course will explain the fundamental basics of research methodology in health which will help the participants in thesis and paper writing. The course will include lectures and practical sessions for better understanding. The course will be conducted quarterly for students in all post graduate courses.

COURSE DURATION – 2 Days (16 hours)

COURSE CONTENTS: After course completion, the learner will have understanding of the following

		Teaching hours
1	Introduction to Research methodology	1
2	Types of epidemiological studies	3
3	Data and types of variables	1
4	Graphical representation of data	1
5	Measures of disease frequency	1
6	Basic biostatistics	5
7	Sampling and sample size calculation	2
8	Data collection tools and methods of data collection	1
9	Ethics in research	1
10	Preparing protocol	1

COURSE EVALUATION

After the completion of this course and successfully answering 10 Multiple Choice Questions, the learner will receive a course certificate