# MAEER MIT Pune's MIMER MEDICAL COLLEGE AND DR. BSTR HOSPITAL, TALEGAON (D) DEPARTMENT OF CLINICAL RESEARCH AND INCUBATION CENTRE

# **COURSES OFFERED**

# CERTIFICATE COURSE IN CLINICAL RESEARCH

- ❖ The Certification Course in Clinical Research is designed for those interested in the subject, to master the practical aspects of clinical research, ie. generating a research idea, designing and conducting a study, collection and analysis of data, the regulatory and procedural guidelines and its ethical considerations.
- ❖ It will also train the candidates in manuscript writing, in a way that it is presentable globally, with the aim that Indian
- \* medical research gets international recognitions.
- This course is designed by research consultants, senior clinicians and research scientists, and has a special emphasis on the practical aspects of research.

# **Recommended for:**

- Medical undergraduate students (all streams)
- Post-graduate medical/PhD students
- Medical faculty & clinical practitioners

### **Duration of the course**: 16 hours



# ORIENTATION TO METHODS IN CLINICAL RESEARCH

- This module for post graduate students will orient them to various concepts of Research Methodology that will help them in preparing their dissertation and in research related activity.
- ❖ This course helps students to interact with the faculty and get a more first hand and personalized guidance for their research related queries

#### PART 1 – DEVELOPMENT OF SYNOPSIS(JR1)

- Literature Search
- Study Designs: Observational
- Sampling Methods
- Designing a Questionnaire
- Basics of Biostatistics & Calculation of Sample size
- · Ethical aspects of Research study designs
- Introduction to Referencing
- Writing of the Synopsis- MUHS format

### PART 2 – DATA ANALYSIS (JR 2)

- Data Analysis
- · Writing of results

# PART 3 -SCIENTIFIC WRITING (JR 2)

- Thesis Writing
- Paper Writing



# SPSS SOFTWARE HANDS ON TRAINING

- SPSS statistical software is developed to solve business and reasearch problems using ad hoc analysis, multivariate analysis, hypothesis testing and predictive analysis.
- It suitable for projects of all size and levels of complexity.
- The course is designed to give hands on training with basics of SPSS software, so as to unable a participant to enter and analysis the data and to interpret the results.

#### **Recommended for:**

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