

CLINICAL RESEARCH COURSE FOR YOUNG SCIENTISTS & BUDDING RESEARCHERS

AN INITIATIVE TO EMPOWER STUDENTS WITH
CORE KNOWLEDGE AND UNDERSTANDING OF
CLINICAL RESEARCH

LESSON 1

Getting Started with Research

LESSON 2

Effectively finding & reading a
research paper

LESSON 3

Conceiving research topic, developing a study
plan and choosing subjects

LESSON 4

Sample size and it's relevant facets

LESSON 5

Designing studies 1 - Case report, Case series

LESSON 6

Designing studies 2 - Cross-sectional
and cohort studies.

LESSON 7

Designing studies 3 - Case - Control studies

LESSON 8

Designing studies 4 - Randomized
control trials, alternative clinical trial
designs and implementation hurdles .

LESSON 9

Designing studies of medical tests

LESSON 10

Research on existing data

LESSON 11

Ethical framework

LESSON 12

How to conduct surveys, design questionnaires
and interviews

LESSON 13

Data management and analysis

LESSON 14

Implementing studies and quality control,
community and international studies

LESSON 15

Closing ceremony



SCHEDULE

LESSON 1	SESSION 1
LESSON 2	SESSION 1
LESSON 3	SESSION 1
LESSON 4	SESSION 4
LESSON 5	SESSION 2
LESSON 6	SESSION 2
LESSON 7	SESSION 2
LESSON 8	SESSION 3
LESSON 9	SESSION 3
LESSON 10	SESSION 3
LESSON 11	SESSION 4
LESSON 12	SESSION 4
LESSON 13	SESSION 5
LESSON 14	SESSION 5
LESSON 15	SESSION 5