NATIONAL INSTITUTE FOR RESEARCH IN TUBERCULOSIS (NIRT/ICMR) CERTIFICATE COURSE IN RESEARCH METHODOLOGY AND BIOSTATISTICS FOR MEDICAL PROFESSIONALS (1st - 12th Jan 2018)

Monday 1 January 2018 - Friday 12 January 2018

CHETPET CHENNAI

Book of Abstracts

Contents

-Introduction to Health Research 1

Introduction to Statistics 1

Research Question and Objectives 1

Introduction to Implementation Research 1

Contextualizing IR 1

Individuals work on Problem Statement and Research Question and Objective 1

Presentation on Problem Statement,RQ and Objective 1

Review of Literature 1

Measures of Disease frequency 2

Measures of association 2

Elements of a Research Protocol/EQUATOR Network 2

Writing the introduction Section 2

Writing Introduction Section 2

Presentation of Introduction Section 2

Study Designs Quantitative 2

Qualitative Designs 3

Mixed Methods 3

Study Population 3

Sampling Starategy and Sample Size 3

Individuals write on the Methods section 3

Presentation of Methos section 3

Developing Data Collection tools and Data Management 3

Ethics in Research 3

Informed Consent form and Participant information sheet 4
Planing to conduct IR 4
Monitoring IR project 4
Individuals work on Methods Section 4
Presentation of Data Collection tools and IEC forms 4
Data Analysis 4
Good Clinical Practice 4
Good Laboratory Practice 4
Dissemination of the Research Findings 5
Research to Policy 5
Participants work on Data Analysis Plan and Timelines of project implementation 5
Presentation of the draft protocol 5
Types of Data 5
Descriptive Data Analysis 5
Analytical Data Analysis 5
Epiinfo Installation 5
Epiinfo Screen Creation 6
Individuals create their own Epi-Info 6
Presentation of Epi-Info Screens 6
Data Analysis 6
Data Analysis 6
Data Analysis 6
Data Analysis 6
Data Analysis 7
Data Analysis 7
Data Analysis 7
Data Analysis 7
Data Analysis 7
Data Analysis 7
Reference Management 7

Reference Management 7
Students work on their Protocol 8
Students work on their Protocol 8
Students work on their Protocol 8
Students work on their Protocol 8
Students work on their Protocol 8
Presentation of the Full Protocol 8
Presentation of Full Protocol 8
Presentation of Full Protocol 8
Presentation of Full Protocol 9
Presentation of Full Protocol 9
Feed Back and Reflections 9
Certificate Distribution and Next Steps 9
Types of Data 9

1

-Introduction to Health Research

2

Introduction to Statistics

3

Research Question and Objectives

4

Introduction to Implementation Research

5

Contextualizing IR

6

Individuals work on Problem Statement and Research Question and Objective

7

Presentation on Problem Statement,RQ and Objective

8

Review of Literature

9

Measures of Disease frequency

10

Measures of association

11

Elements of a Research Protocol/EQUATOR Network

12

Writing the introduction Section

13

Writing Introduction Section

14

Presentation of Introduction Section

15

Study Designs Quantitative

16

Qualitative Designs

17

Mixed Methods

18

Study Population

19

Sampling Starategy and Sample Size

20

Individuals write on the Methods section

21

Presentation of Methos section

22

Developing Data Collection tools and Data Management

23

Ethics in Research

24

Informed Consent form and Participant information sheet

25

Planing to conduct IR

26

Monitoring IR project

27

Individuals work on Methods Section

28

Presentation of Data Collection tools and IEC forms

29

Data Analysis

30

Good Clinical Practice

31

Good Laboratory Practice

32

Dissemination of the Research Findings

33

Research to Policy

34

Participants work on Data Analysis Plan and Timelines of project implementation

35

Presentation of the draft protocol

36

Types of Data

37

Descriptive Data Analysis

38

Analytical Data Analysis

39

Epiinfo Installation

40

Epiinfo Screen Creation

41

Individuals create their own Epi-Info

42

Presentation of Epi-Info Screens

43

Data Analysis

44

Data Analysis

45

Data Analysis

46

Data Analysis

47

Data Analysis

48

Data Analysis

49

Data Analysis

50

Data Analysis

51

Data Analysis

52

Data Analysis

53

Reference Management

54

Reference Management

55

Students work on their Protocol

56

Students work on their Protocol

57

Students work on their Protocol

58

Students work on their Protocol

59

Students work on their Protocol

60

Presentation of the Full Protocol

61

Presentation of Full Protocol

62

Presentation of Full Protocol

63

Presentation of Full Protocol

64

Presentation of Full Protocol

65

Feed Back and Reflections

66

Certificate Distribution and Next Steps

67

Types of Data