Course Coordinating Team

Course Coordinator : Dr. Dharmendera Kumar Yadav
Course Co-coordinator : Prof. Pushpanjali Swain
Course Associates : Mr. Subhash Chand
Dr. Raj Narayan

Course Fee

There is a course fee of Rs. 5000/- per participant which can be paid by only online banking.

Eligible candidates send their nominations on the E-mail: sd@nihfw.org. Required registration fee will be paid by the participants after receiving confirmation by the organizers.

TA/DA of the participants will have to be borne by themselves/ state/ sponsoring organizations.

Further Correspondence to be addressed
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Course Coordinator
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About the Institute

The NIHFW, an autonomous organization, under the Ministry of Health and Family Welfare, Government of India, acts as an 'apex technical institute' as well as a 'think tank' for the promotion of health and family welfare programs in the country. The post-graduate education, training, research, evaluation, consultancy and advisory services in the field of health and family welfare have been a major focus of the institute. In order to facilitate continuous up-gradation of knowledge and skills of various health personnel across the country, the NIHFW has been conducting training courses in different areas at regular interval. In this endeavor, the Department of Statistics & Demography, NIHFW proposes to conduct an offline training program on 'Statistical Data Analysis using R Software for Health Professionals' from 19th - 23th February, 2024.

Training Course
on
Statistical Data Analysis using R Software for Health Professionals

19th - 23th February, 2024

आरोग्यम् सुखसम्पदा

Department of Statistics & Demography
The National Institute of Health & Family Welfare
Baba Gang Nath Marg ,Munirka
New Delhi- 110 067

Introduction

The Department of Statistics and Demography (S&D) has been conducting the training programmes on Demographic and Statistical methods for the health professionals including faculty of medical colleges. Over the years the feedback given by them indicates that there is a need for conducting a training programme with a special focus on statistical methods and analysis using standard statistical software such as R/STATA/SPSS etc. **R is free software and has huge user community. Therefore, it is extensively used for statistical data analysis.** Application of statistical software reduces the time to analyze large amount data which provides insights to the policy makers for public health. Therefore, training course on data analysis using standard Statistical Packages for Health and Demographic research is being organized for professionals engaged in research and analysis of health and demographic studies.

General Objective

To orient the participants on data analysis and develop their skills in R software for health and demographic research.

Specific Objectives

At the end of the training course, the participants would be able:

1. To prepare the coding plan and create data set

2. To describe the nature of variables

3. To represent their data by various graphs prepared through R software

4. To analyse their data using various packages of R software

Course Contents

The course intends to cover topics such as: -
- o Introduction of data analysis
- o Basic features of R software
- o Measurement scale of variables
- o Data management
- o Data analysis
- o Testing of hypothesis
- o Correlation and Regression analysis

Methodology

The methodology of the course will comprise of:
- o Lecture
- o Participatory discussion
- o Demonstrations
- o Problem solving (exercises and data analysis sessions using R software).
- o Hands on R Software

Duration

Five days, Date: 19th - 23th February, 2024.

Nature of Participants

Faculties, Residents from Medical Colleges, Nursing Colleges, SIHFW and Demographers, Statistical officers, Epidemiologist, Research scholars/ Health Professionals working from Govt. and Pvt. organisation from anywhere in India are eligible to apply. The course is open to Indian citizen only.

Last date for Receiving Nomination

9th February, 2024

Venue

Through offline mode at the National Institute of Health and Family Welfare, New Delhi.