



Indian Institute of Public Health – Delhi

Public Health Foundation of India

Plot 47, Sector 44, Institutional Area, Near HUDA City Centre Metro Station, Gurugram-122002, Haryana, India



Key contact person: Ms. Tanuja Bhandari, Manager – Training Programs
Email: trainings@iiphd.org Ph: +91 124 4722900 (Extn. 4110)

Workshop Series 2022- 23

Epidemiological Analysis and Visualization of Outbreak Data in Excel and R

October 18-21, 2022

Last date of registration: 4th Oct 2022

Course Director: Prof. Sanjay Zodpey, Director, Indian Institute of Public Health-Delhi

Course Coordinator: Dr. Surabhi Pandey, Associate Professor, Indian Institute of Public Health-Delhi

Link to registration form: <http://tof.phfi.org/>

About the course

This workshop will be focused on how to analyse the data during an outbreak of a disease or epidemic. Covid19 data will be used for analysis. However, concepts can be applied to data from the seasonal outbreak of infectious diseases as well. Basic knowledge of programming in R is pre-requisite.

Contents

- Epidemiological Data Analysis of Covid19
- Population projections using census data
- Hands on in Excel with Covid19 reported data
- Visualization of Epi-indicators in R-Studio
- Geo-spatial visualization of Covid19 data in R-Studio

About the Faculty

Dr. Surabhi Pandey, Associate Professor is PhD in Mathematics and specialized in Infectious Disease Modelling (IDM). She has 12 years of experience in teaching Maths, Programming and IDM in UG and Masters Course. Her research interest is in theoretical and computation modelling of infectious diseases and data analysis.

Dr. Ashish Awasthi, Assistant Professor is a qualified UGC NET, ICMR JRF exam, and completed his PhD in Biostatistics, he enjoys teaching biostatistics and quantitative methods. He is a gold medallist in his M.Sc., He has authored more than 100 peer-reviewed publications in various high impact journals and have academic collaborations with various International and National Institutes.

Who should attend?

This workshop is suitable for anyone who wants to upgrade their skill of data visualization and learn basic to intermediate coding in R.

How to Apply?

Interested participants may [Apply Online](#) and submit online registration form or write an email to trainings@iiphd.org. The fee will be submitted by E-transfer, the **bank details for E-transfer will be shared upon applying for the workshop.**

Registration Fee:

Indian National: 10000 INR per participant	Foreign National: 20000 INR per participant
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*** We have limited seats available; registrations will be confirmed on a first come first serve basis.**