ICMR | NIE
INDIAN COUNCIL OF MEDICAL RESEARCH | NATIONAL INSTITUTE OF EPIDEMIOLOGY
Committed to public health since 1999

ONE DAY HANDS-ON WORKSHOP ON
SAMPLE SIZE & POWER
using OpenEpi & MS Excel

Why Choose Our Training?

- Practical training on sample size determination & power calculation
  - Cross-sectional, cohort, case-control studies
  - Cluster and quasi-experimental designs
  - Diagnostic studies: Sensitivity / Specificity
  - Vaccine effectiveness study designs
  - LQAS & Inverse sampling design
- Hands-on practice using OpenEpi software & MS Excel
- Take-home materials: slides, PDFs, and reference articles

Eligibility criteria

- Below 45 years of age
- MD (Community medicine) / MPH / M.Sc. Epidemiology / M.Sc. Epid & Public Health / M.Sc. Biostatistics / M.Sc. Statistics / M.Sc. Biomedical Science

17 SEP'25 | WEDNESDAY

09:30 am to 06:00 pm
ICMR - NIE, Chennai

Register here

https://bit.ly/niesamplesize

Rs. 1000 ONLY
(includes lunch, refreshments & course material)

Max. 60 Slots
Only Shortlisted candidates will be notified.

Last Date for Registration
15th August, 2025

Pre-Requisites

- Laptop with OpenEpi software pre-installed, Download: https://www.openepi.com/Menu/OE_Menu.htm
- Download OpenEpi zip file link: https://www.openepi.com/Downloads/Downloads.htm

Preparation tips

Refresh your knowledge on:
- Epidemiological study designs & measures (incidence, prevalence, odds ratio, risk ratio)
- Sampling methods & randomization
- Cluster design, Design Effect & Intra-cluster correlation
- Descriptive & inferential statistics (p-value, confidence intervals, power)
- Diagnostic tools & vaccine effectiveness