

43rd ERC TRAINING PROGRAMME

Format for Application

Name.....
(Block letters)

Age **Sex**

Designation.....

Institution:

Address

.....

Mobile No.

Email.....

Educational qualifications :

Degree	Year	University
1.		
2.		
3.		
4.		

Accommodation : Required / Not required
at CHTC

Disability if any :



COMMUNITY HEALTH DEPARTMENT
CHRISTIAN MEDICAL COLLEGE
VELLORE 632 002
INDIA

*Invites applications to the
43rd short course on*

PRINCIPLES AND PRACTICE OF EPIDEMIOLOGY

3rd to 14th October 2023

*Last date for receiving applications
30th September 2023*

**CME Credits will be awarded for those attending
this.**

PRINCIPLES AND PRACTICE OF EPIDEMIOLOGY

This course is designed for medical college faculty, post graduate students, health managers and researchers who have not had formal training in epidemiology and research methodology. Epidemiological techniques are useful not only in clinical and field based research but also in clinical decision making and health management.

This course exposes the participant to epidemiological methods, statistical analysis of data and computer use.

No. of participants : 40

Course fee : Rs. 8260 (including GST)

Venue : Community Health Training Centre (CHTC) in the Christian Medical College campus at Bagayam.

Boarding and Lodging

The CHTC guest house located near the training centre has board and lodging facilities (only shared accommodation is available).

Room Rent : Shared double occupancy –
Rs. 550/- per head.(non AC) Rs. 650 per head (AC)

Food : Extra

How to apply: Apply to the following address using the format provided so as to reach us by 30th September 2023 by post / email /

Apply online: <https://redcap.link/erc2023>

Apply to : **Dr. Jacob John**
Course Coordinator,
Epidemiology Resource Centre,
Dept. of Community Health,
Christian Medical College,
Vellore 632 002, Vellore Dist.
Tamil Nadu.



TelNo.2284207

E.mail: chad@cmcvellore.ac.in

COURSE CONTENT

1. Epidemiological approach to the concept of health and diseases
2. Measures of disease frequency
3. Errors in measurement - Reliability and validity.
4. Validity of diagnostic tests and screening for diseases.
5. Causal thinking in health and disease.
6. Measures of association and potential impact
7. Epidemiological study designs and analytical methods:
 - Clinical trials
 - Cohort studies
 - Case control studies
 - Cross sectional studies
 - Ecological studies
8. Probability sampling and sampling techniques
9. Concept of confidence interval
10. Tests of statistical significance
11. Health Information System. Epidemiological Technique in Health Management.
12. Critical review of journal articles
13. Basic computer use
14. Introduction to SPSS software / Epi Info
15. Introduction to Health Economics