43rd ERC TRAINING PROGRAMME

Format for Application

Name .................................................................................................................. (Block letters)
Age ................. Sex .................
Position .............................................................................................................
Address .............................................................................................................
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Mobile No. .................................................................
email...................................................................................................................

Educational qualifications :

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<th>University</th>
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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

13th to 25th July 2020

Last date for receiving applications
6th June 2020

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 any 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. 9450/- (including service tax)

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. 400/- per head.
            Single / Double AC Rs. 990
Food : Extra

How to apply: Apply to the following address using the format provided so as to reach us by 6th June 2020 by post or email.

Apply to : Dr. Kuryan George
            Course Co-ordinator,
            Epidemiology Resource Centre,
            Dept. of Community Health,
            Christian Medical College,
            Vellore 632 002, Vellore Dist.
            Tamil Nadu.
            TelNo.2284207 Fax:91-416-2262268
            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
12. Critical review of journal articles
13. Basic computer use
14. Introduction to SPSS software / Epi Info
15. Introduction to Health Economics