



# CAPSULAR COURSE ON NUTRITION EPIDEMIOLOGY

## National Centre of Excellence and Advanced Research on Diets (NCEARD), Lady Irwin College

### ABOUT THE COURSE



The field of nutritional epidemiology aims at understanding relationships between dietary intake, nutritional status and health outcomes. The course will be covered through 6 modules.

### OBJECTIVES OF THE COURSE



- To understand various indicators of nutritional assessment and apply them for different research and programmatic outcomes.
- To understand sources, estimation and implications of measurement errors in nutritional epidemiological research.
- To understand, apply and critique the use of sampling and study designs to be able to get statistically meaningful data.
- To understand how to design a program intervention, implementation pathways, and tracking of program to achieve intended outcomes.
- To collaborate efficiently with epidemiologists, clinicians, nutritionists and statisticians on designing, planning, conducting and interpreting epidemiological research focused on the relationship of diet and disease.

### COURSE CONTENT

The course will cover a set of 6 modules:

Module 1: Survey Methods (Conducted on October 26<sup>th</sup>-29<sup>th</sup>, 2018)

Module 2: Data management tools and advanced statistics (STATA) (Conducted on May 1<sup>st</sup>-4<sup>th</sup>, 2019)

**Module 3: Nutritional Assessment Methods**

Module 4: Planning and monitoring longitudinal studies and surveillance systems including geoinformatics

Module 5: Planning and developing Systematic reviews and meta-analysis and endnote referencing

Module 6: Project resource management, financial management, Programme monitoring and process evaluation and translation of policy into program.



### COURSE TRANSACTION



The course will be transacted through lectures along with debates and discussions with experts. Practice sessions on use of softwares will be conducted.

### WHO SHOULD ATTEND



Healthcare professionals, nutritionists, researchers, doctoral students, post graduate students who wish to enhance their knowledge and skill-set in nutritional epidemiology and its application in various public health settings.



## MODULE 3: Nutritional Assessment Methods

August 26<sup>th</sup>-29<sup>th</sup>, 2019

**Organized by:** National Centre of Excellence and Advanced Research on Diets, Lady Irwin College (Delhi)  
in collaboration with International Institute for Population Sciences (Mumbai) and UNICEF India

### COURSE CONTENT FOR MODULE 3

The course will broaden the knowledge of participants in techniques of nutritional assessment and enable them to make a more informed decision in selecting the appropriate tool for your research. Attending this course will also enable the participants to fully interpret nutrition and dietary data, taking into account the strengths and limitations of the different assessment techniques. Following themes will be covered in the course:

- i) Nutrition assessment methods
- ii) Converting measurements into indices
- iii) Assessment of Food composition databases
- iv) Interpreting and evaluating dietary data

**FACULTY FROM** Lady Irwin College, All India Institute of Medical Sciences (Delhi), Public Health Foundation of India, National Institute of Nutrition (Hydrabad), Centre for Nutrition Studies (Yenepoya (Deemed to be University)), St. John's Research Institute (Bangalore), UNICEF, IIPS and other guest speakers will be invited

**VENUE:** Lady Irwin College, University of Delhi, Delhi