

Course Coordinators

Dr. K. C.Premarajan, Dr. Mahalakshmy. T

Resource Persons

Dr. Gautam Roy <i>Professor (Senior Scale)</i>	Dr. Palanivel C <i>Additional Professor</i>
Dr. K C Premarajan <i>Professor</i>	Dr. Subitha L <i>Additional Professor</i>
Dr. Sonali Sarkar <i>Professor</i>	Dr. Mahalakshmy T <i>Additional Professor</i>
Dr. Sitanshu Sekhar Kar <i>Professor & Head</i>	Dr. Jayalakshmy R <i>Additional Professor</i>
Dr. Ganesh Kumar <i>Professor</i>	Dr. Venkatachalam J <i>Additional Professor</i>
Dr. Swaroop Kumar Sahu <i>Additional Professor</i>	Dr. A. Zunatha Banu <i>Social Scientist</i>

Mode of workshop: Online Mode

Date and time: 10th to 14th October 2022, 5:30 PM to 8:30 PM

Registration fee: Rs 2000/- per participant

Transaction details:

Account Name: Preventive and social medicine society of JIPMER

Account No: 40248842618

Bank name: State Bank of India

Branch: JIPMER (Pondicherry)

IFSC code: SBIN0002238

Apply via this link: <https://forms.gle/G4F6pwwfY8ZBZtr87>

Only the applicants who complete the payment and share their transaction IDs in the google form will be registered for the workshop. A digital certificate will be provided after completion of the workshop. Only limited participants will be allowed on first come first serve basis.

Application Deadline: 30th September 2022, 3:00 PM

Contact us: Mail: basicepiworkshop@gmail.com. Mobile: 8489154699

Jawaharlal Institute of Postgraduate Medical Education and
Research (JIPMER), Puducherry
(An Institution of National Importance)



12th Online workshop on

“Basic Epidemiology”

(10th to 14th October, 2022)

Organized by

**Department of Preventive and Social Medicine,
JIPMER, Puducherry – 6.**

Overview of the course

The department of Preventive and Social Medicine, JIPMER is committed to academic excellence and inculcating the philosophy of medical research among health professionals. One of the goals of the department is to improve the health of the community by sharing and imparting knowledge and expertise in Epidemiology. This workshop spans over five days, covering study designs and statistical tests along with SPSS demonstration.

Objectives of the course

At the end of the course the participants will be able to,

- Apply the basic principles of epidemiology in planning and conducting research.
- Interpret and evaluate the research published in scientific journals.
- Perform the basic statistical tests using SPSS.

Who can participate?

Faculty, postgraduate students, PhD scholars in medical colleges & research institutes and other health care professionals interested in epidemiology.

Candidates should have laptops with Windows (version XP and above).

Online Workshop on 'Basic Epidemiology' Course Schedule

Time	Session
Day 1 10/10/2022 (Monday)	Epidemiology and Public Health
	Study designs
	Descriptive studies
	Case control and cohort studies
Day 2 11/10/2022 (Tuesday)	Introduction to SPSS (Demo)
	Randomized controlled trials
	Measures of Association
	Study variables and descriptive statistics
Day 3 12/10/2022 (Wednesday)	SPSS-Descriptive statistics (Demo)
	Inferential statistics – p value and confidence interval
	Inferential statistics - Choice of statistical tests
Day 4 13/10/2022 (Thursday)	SPSS – Parametric tests (Demo)
	Bias
	Confounding and Interaction
	SPSS – Non-parametric tests (Demo)
Day 5 14/10/2022 (Friday)	Sample size estimation using OpenEpi(Demo)
	Diagnostic tests
	Correlation and introduction to regression
	SPSS- Correlation and linear regression (Demo)
	Open discussion

Time: 5:30 PM to 8:30 PM (10th October to 14th October, 2022)