

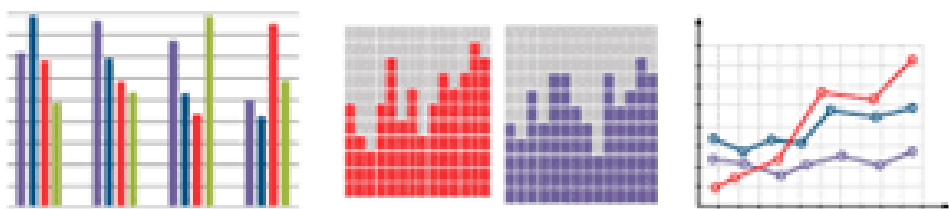
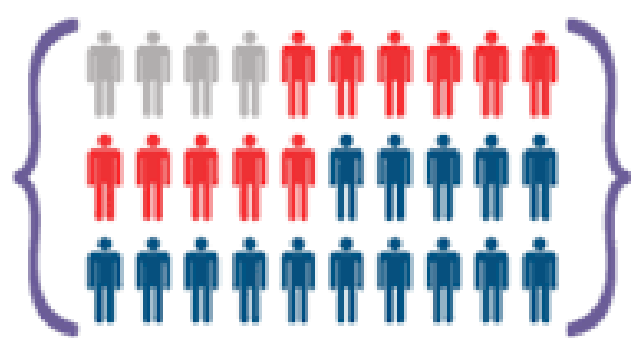


Department of Science & Technology
Government of Gujarat



Indian Institute of Public Health Gandhinagar (IIPHG) in collaboration
with Gujarat State Biotechnology Mission (GSBTM)
presents

A NATIONAL LEVEL ONLINE WORKSHOP ON

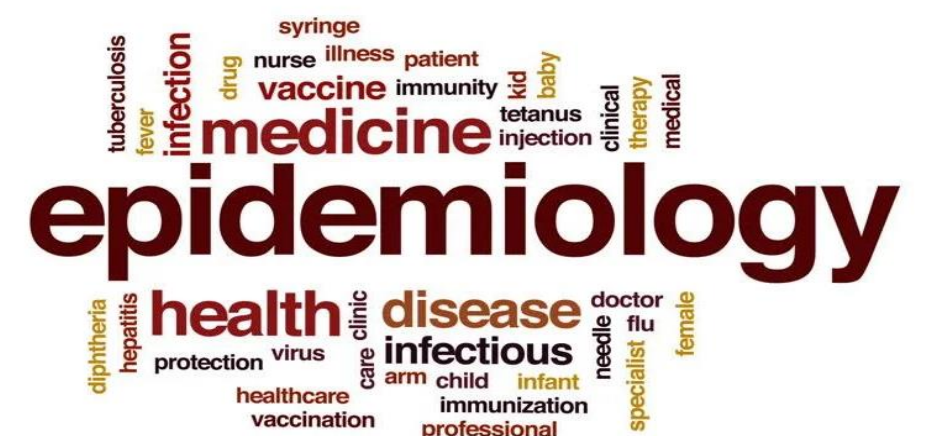


EPIDEMIOLOGY AND DISEASE MODELLING

WHO SHOULD ATTEND?

- Doctoral students, post-graduate students in public health and allied sciences
- Junior faculties
- Public health researchers, research scientists, or allied health professionals
- Programme planners and managers working in the health sector

8TH & 10TH APRIL 2021
(10:00-16:00 HR)



ABOUT WORKSHOP

This workshop introduces the basics of epidemiology and fundamental concepts of disease modelling. Mathematical models can project how infectious diseases progress to show the likely outcome of an epidemic and help inform public health interventions. Workshop curriculum intends to help participants gain and apply knowledge of epidemiology in the study, management of mortalities and morbidities and address pertinent public health problems.

ABOUT IIPHG

The Indian Institute of Public Health Gandhinagar (IIPHG), established by the Public Health Foundation of India, has successfully been functioning as one of the nodal institutions for public health education, advocacy, research, and practice by providing quality public health training to graduates of diverse disciplines. Apart from conducting full-time academic courses, we also organize several short-term training programmes and workshops.



INDIAN
INSTITUTE OF
PUBLIC HEALTH
GANDHINAGAR

COURSE SCHEDULE

DATE	TIME	SESSIONS	RESOURCE PERSON AND AFFILIATION
08.04.21	10:00 – 12:00	Introduction to epidemiology <ul style="list-style-type: none"> • Overview of epidemiology • Tools for measurement in epidemiology • Q&A 	Dr. Deepak Saxena, Professor, Indian Institute of Public Health, Gandhinagar
	12:10 – 13:00	Introduction to descriptive studies-I <ul style="list-style-type: none"> • Cross-sectional studies • Case study on resource person's work and published papers • Hands-on and Q&A 	Dr. Kranti Vora, Professor (Adl), Indian Institute of Public Health, Gandhinagar
08.04.21	14:00-15:00	Introduction to descriptive studies-II <ul style="list-style-type: none"> • Longitudinal studies • Case study on resource person's work and published papers • Hands-on and Q&A 	Dr. Kranti Vora, Professor (Adl), Indian Institute of Public Health, Gandhinagar
08.04.21	15:10-16:00	Introduction to social epidemiology <ul style="list-style-type: none"> • Definition and history • Case study on resource person's work and published papers • Q&A 	Dr. Amit Patel, Assistant Professor, University of Massachusetts, USA
09.04.21	10:00 – 11:00	Introduction to analytic studies I <ul style="list-style-type: none"> • Case control studies • Case study on resource person's work and published papers • Hands-on and Q&A 	Dr. Pankaj Bharadwaj, Professor (Adl), School of Public Health, Department of Community Medicine & Family Medicine, AIIMS, Jodhpur
09.04.21	11:10 – 12:00	Introduction to analytic studies II <ul style="list-style-type: none"> • Cohort studies • Case study on resource person's work and published papers • Hands-on and Q&A 	Dr. Deepak Saxena, Professor, Indian Institute of Public Health, Gandhinagar
09.04.21	12:10-13:00	Introduction to experimental studies <ul style="list-style-type: none"> • Overview of experimental studies • Randomized Control Trial and Non-Randomized Control Trial • Case study on resource person's work and published papers • Hands-on and Q&A 	Dr. Jay Karan, Professor (Asso), Department of Pharmacology, AIIMS, Jodhpur
09.04.21	14:00-15:00	Association in epidemiology <ul style="list-style-type: none"> • Overview of basic concepts • Risk ratio (relative risk), rate ratio, odds ratio, and proportionate mortality ratio • Hands-on and Q&A 	Dr. Sandul Yadobant, PhD, University of Bonn, Germany
09.04.21	15:10-16:00	Systematic review (SR)and meta-analysis (MA) <ul style="list-style-type: none"> • Overview of SR & MA and its role in epidemiology and disease modelling • Case study on resource person's work and published papers • Hands-on and Q&A 	Dr. Mahaliqua Nazli Khatib Division of Evidence Synthesis, Centre of Excellence, School of Epidemiology and Public Health, Datta Meghe Institute of Medical Sciences, Wardha
10.04.21	10:00-13:00	Introduction to mathematical modelling in epidemiology <ul style="list-style-type: none"> • Mathematical modelling for disease control • Case study on resource person's work and published papers • Hands-on and Q&A 	Dr. Habib Hasan Farooqui, Professor, Indian Institute of Public Health, Delhi
10.04.21	14:00-15:00	Beyond RCT: Cluster randomized trails <ul style="list-style-type: none"> • Vaprishun: Case study from Gujarat from resource person's work and published papers • Hands-on and Q&A 	Kavita Chauhan, Centre for Social Norms and Behavioural Dynamics, University of Pennsylvania, USA
10.04.21	15:10-16:00	Revision, recap and valediction	All facilitators and coordinators

HOW TO REGISTER

Registration is mandatory for participation. Interested participants are requested to register through this link: <https://forms.gle/99Mp55vziF1irNTr5> For queries, write to Dr. Komal Shah, Assistant Professor, IIPHG at kshah@iiphg.org

This workshop is supported with financial assistance from the Gujarat State Biotechnology Mission, Department of Science and Technology, Government of Gujarat.

Hurry!

Limited
Registration