



## **MGM INSTITUTE OF HEALTH SCIENCES**

(Deemed to be University u/s 3 of UGC Act, 1956)

**Accredited by NAAC with 'A++' Grade**

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# **Value Added Course**

## **Population Survey**

  
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KAMOTHE, NAVI MUMBAI

## Annexure-86 of AC-50/2024

### Value added course in Community Medicine:

#### “Population Surveys”

**Time allotted:** 18 hours

**Theory:** 6 hours

**Practical:** 12 hours

#### Course Description:

This course is designed to help the students to acquire knowledge and skills needed for conducting Health surveys for evaluating the health status of a population.

#### Objectives:

At the end of the course the students will be able to;

- Make community diagnosis
- Understand the process of Health information system
- Understand various survey methods
- Develop skills in conducting health surveys and investigation of factors affecting health and disease.

#### Eligibility criteria:

UG, PG Students and Interns pursuing MBBS, MPH Program

#### Course contents:

Sr. No.	Session	Time (hours)	Content	Teaching / Learning Method
1	Health surveys	1 hour	<ul style="list-style-type: none"><li>• Surveys for evaluating health status of population</li><li>• surveys for investigation of factors affecting health and disease</li><li>• Surveys relating to administration of health services</li></ul>	Lecture
2	Health survey methods	1 hour	<ul style="list-style-type: none"><li>• Health interview surveys</li><li>• Health examination surveys</li><li>• Health records surveys</li><li>• Mailed questionnaire surveys</li></ul>	Lecture

Sr. No.	Session	Time (hours)	Content	Teaching / Learning Method
3	National Family Health Survey NFHS-5	1 hour	<ul style="list-style-type: none"> <li>• Generating epidemiological information</li> <li>• Information on population, health and nutrition in India</li> <li>• questionnaires for collecting information</li> </ul>	Self-directed learning followed by group discussion
4	Epidemiological studies	2 hour	<ul style="list-style-type: none"> <li>• Descriptive studies</li> <li>• Analytical studies</li> <li>• Experimental studies</li> <li>• Steps, advantages and disadvantages of various epidemiological studies</li> </ul>	Lecture
5	Sampling techniques and sample size estimation	1 hour	<ul style="list-style-type: none"> <li>• Sampling methods</li> <li>• Sampling and No sampling errors</li> <li>• Estimation of sample size</li> </ul>	Lecture, Statistical Exercises
6	Conducting Health surveys	4 hours	<ul style="list-style-type: none"> <li>• Venue: Field practice areas of Urban Health Training center at Khopoli</li> </ul>	Field visits
7	Conducting Health surveys	4 hours	<ul style="list-style-type: none"> <li>• Venue: Field practice areas of Rural Health Training center at Nere</li> </ul>	Field visits
8	Conducting Health surveys	4 hours	<ul style="list-style-type: none"> <li>• Venue: Villages adopted under Unnat Bharat Abhiyan</li> </ul>	Field visits

**Course evaluation: 100 marks**

Theory exam: 50 marks, Time: 2 Hours

Practical Assignment to students: 50 marks

**Dr. Mrunal Pimparkar**

Professor, Community Medicine

MGM Medical College, Navi-Mumbai.

**Dr. Prasad Waingankar**

Professor & HOD, Community Medicine