

COMMUNITY MEDICINE AT MMC

INTRODUCTION:

Community Medicine Department of Muzaffarnagar Medical College, Muzaffarnagar (UP) is concerned with the study of health & disease in the population or a defined community or groups. Its goal is to identify the health problems, needs of defined populations (community diagnosis) and to plan, implement, and evaluate the extent to which health measures effectively meet these needs.

It has state-of-the-art facilities for the training of undergraduate and postgraduate students. The department has been involved in planning, implementation, monitoring and evaluation of health programs and activities in the local community.

Seminars, symposia, journal clubs, lectures and group discussions are a regular feature of the department.

The department also provides consultancy services to postgraduate students for the design, data management analysis and report writing of undertaken research.

HEAD OF THE DEPARTMENT:



Dr. Nirankar Singh

Professor and Head of Department, Community Medicine

Dr. Nirankar Singh is an MBBS from BRD Medical College, Gorakhpur, and has done his MD from LLRM Medical College, Meerut. His articles are published in national and international journals and also have more than 20 articles in other publications. He is a lifetime member of IAPSM and JARBS, member secretary of Institutional Ethics Committee in Muzaffarnagar Medical College. He was the head of Quarantine Ward Committee during COVID-19 pandemic, member of Task Force for Covid-19, and incharge of Infection Control & Sanitation and helpdesk during COVID-19.

Awards and Achievements:

- State level TOT in Routine Immunization including Hepatitis B at Mohali organized by WHO.

- Worked as WHO Monitor in Pulse Polio Programme in Patiala district.
- Worked as Centre Superintendent in the examination of BSc. Nursing under Baba Farid University, Faridkot.
- Worked as MOH-cum-AP at Rural Health Training Centre, GianSagar Medical College, and Patiala.
- Worked as Treasurer in organizing State level IAPSM conference in Gian Sagar Medical College, Patiala.
- Participated in research project – “Role of ORS & Zinc in diarrheal diseases in children” in the slum area of Dehradun.
- Participated in the project- “Assessment of functioning of AWCs in Block Khatoli District. Muzaffarnagar UP”.
- Online certificate for Basic Course in Biomedical Research.
- Online certificate for Training Program on Biostatistics.
- Worked as Internal Examiner of MBBS students since 2011
- Working as PG guide and Internal Examiner of PG students in Muzaffarnagar Medical College and External Examiner of PG students in other colleges & universities.

VISION OF THE DEPARTMENT:

To create a healthy environment in the community in terms of physical, mental, social, and spiritual health so that they contribute to the development of the society in which they live, through professional education, service, and research.

MISSION OF THE DEPARTMENT:

- To provide leadership in community care, research in medical and allied fields, health services and in policy formulation.
- To reduce unnecessary morbidity and premature mortality in the whole population
- To explore the greatest potential for health improvement.

FACILITIES AND EQUIPMENTS:

The Department of Community Medicine is located on the second floor of the Para-clinical building in the college campus.

The Department includes the following facilities.

- Lecture theatre
- Demonstration room
- Chamber for H.O.D
- Different Chambers for Prof/ Asst. Prof. / Tutors / Statistician
- Office room

- Library
- Museum
- Research Lab

MUSEUM

- Models
- Specimens of Nutrition
- Slides of different Parasites
- Disinfectants
- Insecticides
- Contraceptives
- Instruments
- Vaccines & Cold Chain Equipment
- Exhibits & Charts on various Topics

Research Lab:

- First – Aid training Mannequin
- Electric Sterilizer (water Bathe)
- Thermostatic Water Bath
- Kit for adulteration testing of Milk
- Electric Centrifuge
- Bacteriological incubator
- Distillation Water plant
- Ice Lined Refrigerator (I.L.R.)
- Needle Shredder (
- Refrigerator 9 cu.ft

Services Offered by the department:

- Regularly participation in Health Programmes
- Health Awareness Camps at RHTC & UHTC
- School Health Camp

COURSES OFFERED:

- **MBBS :**

150 Students are admitted every year.

At the end of the Phase-III, our students have a clear understanding of topics such as Concept of Health and disease, Primary Health Care, Basic Epidemiological study

designs, Role of socio-cultural, nutritional and environmental factors in the causation of disease, Health Planning and Management, and Biostatistics in Health.

- **Post Graduate (MD):**

There are 2 seats in the department. Our aim is to create a cadre of professionals who are competent to meaningfully contribute their expertise in planning, implementation, co-ordination, monitoring, evaluation of Primary Health Care Programs based on scientific evidence. The competencies must cover a wide spectrum of skills viz., technical, managerial, administrative, organizational skills, applied skills in Health Information Management, software application and soft skills of communication, motivation, decision-making, team building, training in scientific communication and medical writing.

POSTGRADUATE DEPARTMENT:

Aim:

To create a skilled cadre of medical professionals having expertise in application of principles of Public Health, Community Medicine and applied epidemiology, contributing meaningfully in formulating National Health Policies & Programme with a systems approach for overall human development.

- To standardize the teaching & training approaches at post- graduate level, for Community Medicine
- Research: To formulate research questions, do literature search, conduct study with an appropriate study design and study tool; conduct data collection and management, data analysis and report.

- **Journal club presentation:**

Fortnightly Journal Club meetings are conducted in first semester in which the faculty members and Post Graduate Students in the department of Community Medicine present selected articles on the subject of interest.

The articles are critically reviewed and discussed in a way to understand the current trends in the fields of various aspects of Community Health Care and Research.

- **Seminars:**

Seminars are conducted every fortnight for the Postgraduate students. Topics in Community Medicine, Public Health are presented and discussed in detail among the faculties and the presenter.

They are given Community Oriented training in different public health institutions and also given training in clinical medicine. They are given hands on training in planning and carrying out population based epidemiological studies.

INTERN'S ACTIVITIES IN THE DEPARTMENT:

1. FAMILY SURVEY:

40 folders/ intern/ center i.e., a total of 80 folders/ intern during 2 months posting.

2. CASE PRESENTATION:

01 case /intern in 02 months period of posting.

Case Presentation will be held on every Friday alternatively from UHTC & RHTC.

Moderator of the case presentation: Faculty posted at UHTC & RHTC for that particular week as the case may be.

3. SEMINAR PRESENTATION BY INTERENS:

Every intern has to present 02 Seminars i.e., one while posted at RHTC and another while posted at UHTC

Moderator: Faculty posted at UHTC & RHTC for that particular week on rotation basis.

Seminar will be held on last Wednesday of every month.

PREPARATION FOR THIRD WAVE:

- All the staffs have been advised to clean hands often with soap and water, or an alcohol-based hand rub.
- Safe distance is maintained by all persons in the department.
- Mask wearing is compulsory for all.
- If any person in the department has fever, cough and difficulty breathing, they are advised to seek medical attention immediately.
- Sanitization is done on daily basis in the department, UHTC and RHTC.