

PATHOLOGY DEPARTMENT AT MMC

INTRODUCTION:

Pathology is the science of the causes and effects of diseases. Treatment of a patient depends on the diagnosis given by the pathologist. The happy and frowning cells in the microscope are like stars in the sky from which we pick the constellations. It is a bridge between science and medicine. It is the study of the essential nature of diseases, especially structural and functional changes produced by them. It impacts all aspects of patient care. It helps to make the correct diagnoses and guide the care of patients. The roots of pathology department at Muzaffarnagar Medical College are strengthened by a team of skilled teachers, technicians, and students under the guidance of Principal Dr. (Prof.) G.S. Manchanda and Head of Department Dr. (Prof.) R.K. Thakral.

HEAD OF DEPARTMENT:



Dr. R.K. Thakral

M.D. Pathology

With 18 years of teaching experience Dr. R.K. Thakral has guided students of Pathology and other departments till date to complete thesis and various research projects as a guide/ co-guide. Under his supervision there has been continuous improvement in the quality of work/investigations done in the department. The number of tests done is exponentially increasing. He has been an inspiration to all UG's & PG's technical staff and faculty as well.

VISION OF THE DEPARTMENT:

We move with the passion of high spirit to face adversities and challenges. We nurture a supportive team which pushes our boundaries daily with knowledge and wisdom

We move ahead together to be a leader in academic pathology, transfusion medicine, and laboratory medicine.

MISSION OF THE DEPARTMENT:

To provide excellent diagnostic services for optimal outcome, exemplary educational and technical training for a better future, and to actively apply our knowledge for the support of public health. With focus, enthusiasm, and respect towards our patients.

FACILITIES AND EQUIPMENTS:

FNAC, Frozen sectioning, HPLC , Immunohistochemistry, Immunocytochemistry, Histology, including small (GI& Liver)biopsies and bone marrow aspiration and biopsy, neuropathology, skin biopsies.

24/7 blood banking services – Including blood components (cryoprecipitate as well as Apheresis facility.).

SUB-SPECIALTIES:

- Routine Hematology
- Special Hematology
- Histopathology
- Cytopathology
- Blood Banking
- Routine clinical pathology

COURSES:

We offer under-graduate (MBBS) and post graduate (MD) courses for the students interested in pathology.

POSTGRADUATE DEPARTMENT:

The post-graduate department has been permitted and recognized for 10 post-graduate seats. There are in total of 5 professors, 2 associate professors, and 2 assistant professors in the department.

EFFORTS FROM DOCTORS OF DEPARTMENT:

Regular health camps and blood donation camps are organized to make people aware regarding health-related issues and make them sensitive towards blood and organ donation.

During COVID waves, plasma therapy was successfully administered and efforts were made round the clock by the Blood Bank team to cater to the need of the patients. The Central lab is 24/7 functional with all routine and emergency biochemistry, hematology, and clinical pathology investigations being held within a TAT (Turnaround Time) of 2 hrs. We aim to provide quality reporting with minimal Turnaround Time. Our PG students Dr. Shafira Bharti (Batch 2016), Dr. Bharat Jindal (Batch 2017) has been awarded gold medals by the University.

PREPARATION OF THIRD WAVE:

The whole staff has been trained for Infection Prevention Control. All measures to combat the spread of any infection are taken care of. Sterilization and disinfection are part of the routine. All testing kits with long expiry have been procured in sufficient numbers beforehand. All staff personnel have been trained for collection & running of samples with maximal care to prevent any spread of infection via aerosols or handling of the sample.