

DEPARTMENT OF FORENSIC MEDICINE

Goal

The course in Forensic Medicine aims at producing a physician who is well informed about medico legal responsibilities in practice of medicine. They should be capable of making observations and inferring conclusions by logical deductions to set enquiries on the right track in criminal matters and connected medico legal problems. Forensic medicine provides crucial evidence and expert testimony in legal proceedings, helping to establish facts, determine guilt or innocence, and ensure accurate administration of justice.

Objectives

➤ Knowledge

At the end of the course, the student should be able to

- Identify the basic medico legal aspects of hospital and general practice.
- Define the medico legal responsibilities of a general physician while rendering community service either in a rural primary health centre or an urban health centre.
- Appreciate the physician's responsibilities in criminal matters and respect for the codes of medical ethics.
- Diagnose, manage and identify the legal aspects of common, acute and chronic poisonings.
- Describe the medico legal aspects and findings of post-mortem examination in case of death due to common unnatural conditions & poisonings.
- Detect occupational and environmental poisoning, prevention and epidemiology of common poisoning and their legal aspects particularly pertaining to Workmen's Compensation Act.
- Describe the general principles of analytical toxicology.

➤ Skills

At the end of the course, the student should be able to

- Make observations and logical inferences in order to initiate enquiries in criminal matters and medico legal problems.
- Diagnose and treat common emergencies in poisoning and manage chronic toxicity.
- Make observations and interpret findings at postmortem examination.
- Observe the principles of medical ethics in the practice of his profession.

➤ Integration

Department shall provide an integrated approach towards allied disciplines including Pathology, Radiology, Forensic Sciences and Hospital Administration, to impart training regarding medico legal responsibilities of physicians at every level of health care. Integration with relevant disciplines such as medicine and pharmacology will provide scientific basis of clinical toxicology.


ACADEMICS

The Department of Forensic Medicine and Toxicology was established in the year 2018. We now regularly run an undergraduate teaching programme for 150 medical students since 2018 and Post-graduation programme of forensic medicine department started from year 2025 with three seats. It has demo room which is audio visually well equipped for interactive teaching and a library with rich collection of various medico legally relevant books.




The paramount focus for forensic medicine is not the legal implications of the toxicological investigation or the methodologies employed, but rather the acquisition and accurate interpretation of results. During this period they are trained in all medicolegal matters which they are likely to face in their professional life.

The department of Forensic Medicine is engaged in teaching, research and training of medical students. The faculty members have publications in peer reviewed scientific journals and some are reviewers of international, national and regional journals. Many academic contributions to popular undergraduate and postgraduate books happened from the esteemed faculty of this department.

List of Teaching Faculties

Sr. No.	Name of Faculty	Designation	Qualification	Total Teaching experience	Photos
1	Dr. Ramesh N Wasnik.	Professor and Head of Department.	M.B.B.S., M.D. (F.M.T.)	U.G.- 17 Years. P.G.- 09 Years.	

List Of Post- Graduate Students

Sr. No.	Name	Post	Photos
1	Dr Yashashree S. Tayde	Junior resident	
2	Dr Deepak Singh	Junior resident	
3	Dr Nikita V Adkine	Junior resident	

List Of Non -Teaching Staff

Sr. No.	Name	Post
1	Mr. K. D. Saravde.	Laboratory technician.
2	Mr. B. D Koli.	Laboratory assistant.
3	Mr. V. R Vanjiri.	Senior clerk.

Activities by Department

A. Under graduate teaching:

- .II MBBS Students :- About 150 students per year.
- Lectures:- in Forensic Pathology, Clinical Forensic Medicine & Forensic Toxicology – 3 lectures per week for 1st and 2nd term students
- Practical: –Forensic Pathology, Clinical Forensic Medicine & Forensic Toxicology – 3 days in a week. Revision lectures and practical for 3rd term students.
- Autopsy Demonstration.
- Court procedures: for interested students along with teachers.

B. Post graduate teaching:

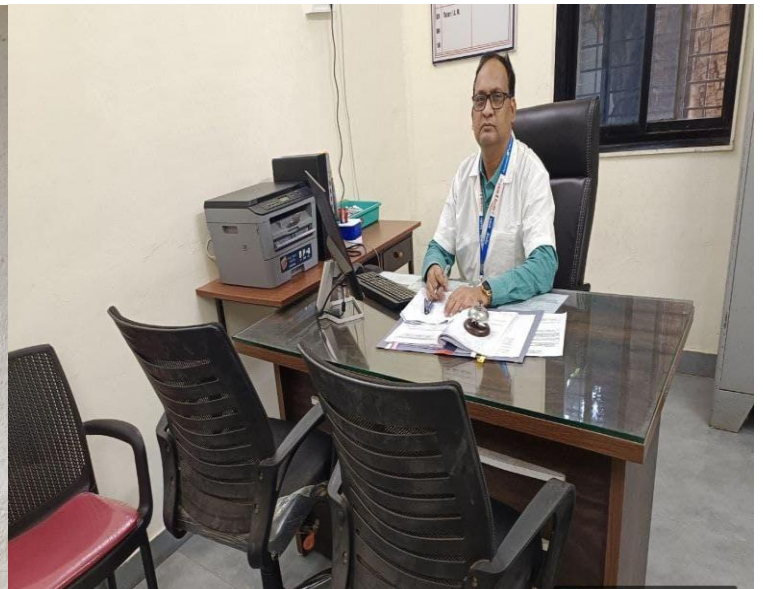
The post graduate teaching and training program for students consists of Autopsy techniques, recent advances in Forensic Medicine and Toxicology, Medicolegal case discussions and journal clubs as prescribed by MUHS, Nashik.

List of Publications and Research (Faculty wise)

Sr. No.	Faculty Name	Publication in Vancouver referencing style	Indexing system
1.	Dr. Ramesh N. Wasnik	Wasnik RN. Analysis of Railway Fatalities in Central India. Journal of Indian Academy of Forensic Medicine. 2010, 32(4), ISSN 0971-0973, p 311-314.	Scopus, Index Copernicus, IndMED & Indian Citation Index
		Wasnik RN. Trends of unnatural deaths in Nagpur, India. Medico Legal Update- An international journal. July-Dec 2011, vol. 11, no.2, p 121-124.	Embase and Index Copernicus
		Wasnik RN. Analysis of fatal road traffic accidents in Nagpur (Maharashtra). Medico Legal Update- An international journal. Jan-Jun 2012, vol. 12, no.1,p 68-70.	Embase and Index Copernicus
		Patil SS, Wasnik RN. A two-year prospective study of the estimation of foetal age from centres of ossification by radiography and autopsy. Medico Legal Update- An international journal. July-Dec 2012, vol. 12, no.2, p 139-143.	Embase and Index Copernicus
		Wasnik RN. A two years study of suicidal deaths in Nagpur, Central India. Indian Journal of Forensic Medicine & Toxicology. Jan- July 2012, vol.6, issue 1, p 86-88.	Embase and Index Copernicus
		Patil SS, Wasnik RN, Deokar RB. Estimation of gestational age using crown heel length and crown rump length in India. International J. of Healthcare & Biomedical Research. October 2013, Volume : 2, Issue:1, Pages 12-20.	Embase and Index Copernicus
		Patil SS, Wasnik RN, Deokar RB, Sukhadeve RB, Tekade PR. Foot length and hand length: most reliable parameters to estimate the gestational age. Medicolegal update- An international journal. Jan-Jun 2014, vol. 14, issue 1, p 144-150	Embase and Index Copernicus
		Zine KU, Wasnik RN, Niturkar G, Bhosale S, Choudhary UK, Waghmare SS..A Case Report: An Unusual Fatal Crushing of Worker in a Pedal Mixer of Chemical Fertilizer Manufacturing Industrial Unit. Journal of forensic medicine, science & law. July- Dec 2015, vol.24, No. 2.	Embase and Index Copernicus

		Wasnik RN, Choudhary UK, Zine KU. A sixteen year retrospective study of custodial deaths in Marathwada region of Maharashtra, India. Medicolegal update- An international journal. July- Dec 2016, vol. 16, No. 2, p 63-68.	Embase and Index Copernicus
		Bhosle S, Zine KU, Niturkar GD, Wasnik RN . Death due to gagging by an onion: A case report Journal of forensic medicine, science & law. Jan- June 2016, vol.25, No. 1.	Embase and Index Copernicus
		Choudhary UK, Darandale SN, Wasnik RN, Zine KU. Case report: A rare case of homicide by dual method – strangulation with cut throat. International Journal of Medical Toxicology and Forensic Medicine. 2016; 6(4): 247-50.	Embase and Index Copernicus, Scopus
		Patekar MB, Zine KU, Wasnik RN. Profile of cases of alleged medical negligence at tertiary care centre :- A retrospective study. Indian Journal of Forensic Medicine & Toxicology. Jan-March 2019, vol.13, issue 1, p 89-93	Embase and Index Copernicus
		Tharakan RV, Wasnik RN. Gross and Histopathological Study of Adrenal Glands from Routine Medico legal Autopsies. Indian Journal of Forensic Medicine and Toxicology. 2023;17(3).	Embase, open access and Scopus

Photo gallery







MORTUARY BLOCK

