

## Department Details

- **Introduction** (*Please provide brief about Department/Sub Department*)

In the Government Medical College, Latur following Departments are existing, details as below.

Sr. No.	Department
1	Anatomy
2	Physiology
3	Biochemistry
4	Pharmacology
5	Pathology
6	Microbiology
7	FMT
8	PSM
9	General Medicine
10	Pediatrics
11	Chest TB
12	Skin VD
13	Psychiatry
14	Gen. Surgery
15	Orthopedics
16	ENT
17	Ophthalmology
18	OBGY
19	Anesthesia
20	Radiology
21	Dentistry

- **Mission***(Please provide brief about Mission of Department/Sub Department)*

The mission of this institute is to impart quality medical services to the all sections of the society and further improve the health scenario of the State. The college maintains high standards of medical education conforming to the guidelines laid down by the Medical Council of India to ensure that we bridge the treatment gap for medical care in the community.

- **Vision***(Please provide brief about Vision of Department/Sub Department)*

- 1) To increase in the intake capacity of Undergraduate courses from 150 to 200
- 2) To start Postgraduate Courses in Allied Medical Branches
- 3) To increase in the intake capacity of existing Postgraduate courses
- 4) To start Super- Specialty Services
- 5) To start Super- Specialty Courses
- 6) Up gradation of PG Courses
- 7) Up gradation of ICU/CCU/MICU/ SICU/Burn & Plastic Surgery/NICU & PICU
- 8) To start Paramedical Courses
- 9) To start Bsc Nursing Courses
- 10) To provide Organ Transplantation Services
- 11) To strat Emergency Medicine/ Transfusion Medicine & geriatric Medicine Facilities & Courses

- **Functions & Objective***(Please provide brief about Functions & Objective of Department/Sub Department)*

- To provide Treatment
- To impart Medical education
- To impart Postgraduate education
- To conduct research
- To promote research

- **Organization Structure & Chart***(Please provide brief about Organization Structure of Department/Sub Department)*

- **Anatomy**

Anatomy is a branch of biology and medicine that considers the structure the human body. The department strives to provide an excellent learning environment for students, and to lay the foundation for understanding Medicine. Anatomy is a subject taught in the first year of the MBBS course. The faculty at the department is also involved in teaching the nursing students.

- **Physiology**

The goal of Physiology is to explain the physical and chemical factors that are responsible for the origin, development and progression of life. In Human Physiology, we attempt to explain the specific characteristics & mechanisms of the human body that makes it a living being. Human physiology is taught in first year along with Human Anatomy & Human Biochemistry and understanding of Physiology forms the foundation of the medical knowledge which will be acquired later.

- **Biochemistry**

The subject of human Biochemistry, is the study of chemical processes within, and relating to, living organisms. The biochemical processes in our body are responsible for the complex mechanisms that sustain life. Knowledge of biochemistry is fundamental to our understanding of the human body and its function and is the basis for corrections of a number of ailments that affect us. For this reason the subject is introduced in the first year medical curriculum. Students are trained to apply the knowledge of biochemistry in the management of conditions that affect health.

- **Pharmacology**

The department of pharmacology taught in the 2<sup>nd</sup> MBBS curriculum. Pharmacology is the branch of medicine and biology concerned with the study of drugs. The two main areas of pharmacology are pharmacodynamics and pharmacokinetics. Pharmacology, a biomedical science, deals with the research, discovery, and characterization of chemicals which show biological effects and the elucidation of cellular and organismal function in relation to these chemicals.

- **Pathology**

Pathology is a branch of medical science primarily concerning diagnosis and characterization of disease based on the examination of tissues removed from diseased body parts or samples. This includes the diagnosis of a wide range of diseases including cancer. Pathology is a subject is taught in the 2<sup>nd</sup> year of the MBBS course.

- **Microbiology**

Microbiology is the study of microscopic organisms. Microbiology includes the disciplines virology, mycology, parasitology, bacteriology & other fields. The knowledge of the various agents that can cause disease, their lifecycle is important to understanding how we can diagnose and prevent infectious disease. Microbiology as a subject is taught during the 2<sup>nd</sup> year of the MBBS course.

- **Forensic Medicine**

The Department of Forensic Medicine and Toxicology has the state of the art facility for teaching this branch of Medicine that helps in determining the cause of death. It has a well equipped museum and library to help students develop interest in this subject which is taught during the 2<sup>nd</sup> MBBS.

- **Preventive and Social Medicine**

The department of Preventive and Social Medicine also referred to as Community Medicine strives towards providing preventive, promotive and curative health services. The department has a Rural Health and Training Centre at Murud and an Urban health Centre at Patel Chowk, Latur. The department strives to give the students an insight into the exciting world of public health and encourages them to think of the community at large while proving care. Preventive medicine is an important branch of medicine and is part of the 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> MBBS curriculum.

- **General Medicine/Internal medicine**

The department of Internal medicine is a special branch which has the scientific knowledge and clinical expertise for the management of adults across the spectrum for a variety of communicable as well as non communicable disease. People with diabetes, hypertension, heart disease, malaria, stroke would be managed by the department of internal medicine. All medical emergencies can be tackled in the casualty and attempts made to stabilize them as per standard Protocol.

- **General Surgery**  
 The department of Surgery is dedicated to provide the best comprehensive surgical care to the people and train the next generation of surgeons to serve the state. General surgery is a surgical specialty that focuses on abdominal contents including esophagus, stomach, small bowel, colon, liver, pancreas, gallbladder and bile ducts, and often the thyroid gland (depending on the availability of head and neck surgery specialists). They also deal with diseases involving the skin, breast, soft tissue, and hernias.
- **Obstetrics and Gynaecology**  
 The department of Obstetrics and Gynaecology strives to ensure health of women & to reduce the maternal mortality rate.
- **Anaesthesiology**  
 Anaesthesiology administers Anaesthesia for all type of surgical patients. Department of Anaesthesiology aims at providing an anaesthesia service by personnel trained in using our modern equipment and also training our bright residents this wondrous combination of science and sense while maintaining a calm humane touch.
- **Orthopaedics**  
 Orthopedic surgery is the branch of surgery concerned with conditions involving the musculoskeletal system. The faculty at the department of orthopaedics is skilled to conduct various surgeries.
- **Ophthalmology**  
 Ophthalmology is the branch of medicine that deals with the diseases of the eye. The word ophthalmology comes from the Greek word 'ophthalmos' meaning eye and logos meaning 'study'. The department of ophthalmology strives towards giving people a better vision and is closely associated with the National health programme for the prevention of blindness.
- **Paediatrics**  
 Pediatrics is the branch of medicine that deals with the medical care of infants, children, and adolescents. The word pediatrics mean healer of children; they derive from two Greek words: παις (pais = child) and ιατρός (iatros = doctor or healer). The department of paediatrics strives towards preventing disease and promoting good health in children and encourages students to develop an interest in child health.
- **ENT**  
 ENT (ear, nose, and throat) is the branch of medicine and surgery that specializes in the diagnosis and treatment of disorders of the head and neck.
- **Skin & VD**  
 Skin and VD is the branch of medicine dealing with the skin and its diseases, a unique specialty with both medical and surgical aspects. A dermatologist takes care of diseases, in the widest sense, and some cosmetic problems of the skin, scalp, hair, and nails.

- **Radiodiagnosis**

Department provides state of the art high quality diagnostic services to our patients and referring physicians. Our facilities are equipped with high end, latest generation machines with cutting edge technology. This coupled with the highly qualified team of Doctors, skilled technicians, nurses and supporting staff provide exceptional patient care and services round the clock.

- **Pulmonary Medicine/ Chest & TB**

The department of Pulmonary medicine is involved in treating various health conditions that affect the lungs including tuberculosis. The department is involved in teaching undergraduates as well as post graduates and is involved in medical research.

- Awards & Achievements(if any)*(Please provide brief about Awards & Achievement of Department/Sub Department)*