

Syllabus for Lab Assistant Grade-IV in H&FW

1	Introduction to National Healthcare Delivery System in India
2	Basic computers and information Science
3	Communication and soft skills
4	Medical Terminology, Record keeping (including anatomical terms) and Orientation to Medical Laboratory Science (MLS)
5	Medical Law and Ethics
6	Introduction to Quality and Patient safety (including Basic emergency care and life support skills, Infection prevention and control, Biomedical waste management, Disaster management and Antibiotic resistance)
	Professionalism and values
8	Environmental Science
9	Principals of Management with special reference to Medical Laboratory Science (MLS) management
10	Community orientation and clinical visit
1	Basic computers and information Science - Practical
2	Communication and soft skills – Practical
3	Medical Terminology, Record keeping (including anatomical terms) and Orientation to Medical Laboratory Science (MLS) – Practical
4	Introduction to Quality and Patient safety- Practical
5	Environmental Science – Practical
6	Principals of Management with special reference to Medical Laboratory Science (MLS) management-Practical

hrs in Semester

Human Anatomy & Physiology

Basics of Medical Microbiology

Basics of Haematology

Basics of Clinical Biochemistry

Human Anatomy & Physiology -Practical

Basics of Medical Microbiology -Practical

Basics of Haematology-Practical

Basics of Clinical Biochemistry -Practical

Guest Lecture/Tutorial/visit to any medical research/ Medical institution

Applied Bacteriology, Mycology and Basic Immunology

Applied Haematology

Applied Clinical Biochemistry-I

Histopathology

Applied Bacteriology, Mycology and Basic Immunology -Practical

Applied Haematology-Practical

Applied Clinical Biochemistry-I—Practical

Histopathology -Practical

Guest Lecture/Tutorial/visit to any medical research/ Medical institution

Medical Parasitology & Virology

Immuno-Haematology/ Blood Banking

Applied Biochemistry-II

Immuno-Pathology and Cytopathology

Medical Parasitology & Virology –Practical

Immuno-Haematology/ Blood Banking-
Practical

Applied Biochemistry-II—Practical

Immuno-Pathology and Cytopathology -
Practical

Guest Lecture/Tutorial/visit to any medical
research/ Medical institution