

B. Voc. Medical Laboratory Technology

Semester I

Course code	Title of the Course	Credit
BVMT-101	Anatomy -I	3
BVMT-102	Physiology-I	3
BVMT-103	Routine Laboratory Technology-I	3
BVMT-104	Biochemistry - I	3
BVMT-121	Anatomy-I Practical	3
BVMT-122	Physiology -I Practical	3
BVMT-123	Routine Laboratory Technology-I Practical	3
BVMT-124	Biochemistry - I Practical	3
BVMT-125	Project Work -I	6

Semester II

Course code	Title of the Course	Credit
BVMT-201	Anatomy -II	3
BVMT-202	Physiology-II	3
BVMT-203	Routine Laboratory Technology-II	3
BVMT-204	Biochemistry - II	3
BVMT-221	Anatomy-II Practical	3
BVMT-222	Physiology -II Practical	3
BVMT-223	Routine Laboratory Technology-II Practical	3
BVMT-224	Biochemistry - II Practical	3
BVMT-225	Project Work -II	6

Semester III

Course code	Title of the Course	Credit
BVMT- 301	Hematology & Blood Banking -I	3
BVMT- 302	Medical Microbiology	3
BVMT- 303	Pathology	3
BVMT- 304	Advanced Laboratory Science Techniques &Testing Process	3
BVMT- 321	Hematology & Blood Banking -I Practical	3
BVMT- 322	Medical Microbiology Practical	3
BVMT- 323	Pathology Practical	3
BVMT- 324	Advanced Laboratory Science Techniques &Testing Process Practical	3
BVMT- 325	Project Work -III	6

Semester IV

Course code	Title of the Course	Credit
BVMT-401	Parasitology	3
BVMT-402	Histopathology and cytology-I	3
BVMT-403	Virology	3
BVMT-404	Microbiology	3
BVMT-421	Parasitology Practical	3
BVMT-422	Histopathology and cytology-I Practical	3
BVMT-423	Virology Practical	3
BVMT-424	Microbiology Practical	3
BVMT-425	Project Work IV	6

Semester V

Course code	Title of the Course	Credit
BVMT-501	Clinical Hematology	3
BVMT-502	Histopathology and cytology-II	3
BVMT-503	Clinical Biochemistry	3
BVMT-504	Biochemical Techniques	3
BVMT-521	Clinical Hematology Practical	3
BVMT-522	Histopathology and cytology-II	3
BVMT-523	Clinical Biochemistry Practical	3
BVMT-524	Biochemical Techniques Practical	3
BVMT-525	Project Work-V	6

Semester VI

Course code	Title of the Course	Credit
BVMT-601	Diagnostic Molecular Biology	4
BVMT-602	Enzymology & Bioenergetics	4
BVMT-603	Clinical Laboratory Operations & Management	4
BVMT-621	Quality Management Practical	3
BVMT-622	Diagnostic Molecular Biology Practical	3
BVMT-623	Enzymology & Bioenergetics Practical	3
BVMT-624	Clinical Laboratory Operations & Management	3
BVMT-625	Project Work -VI	6