

## Course Overview

### Parasitology

<b>Course code :</b>	LMT306
<b>Course title:</b>	<b>Parasitology</b>
<b>Level/semester:</b>	(third Semester)
<b>PRECEDING COURSES</b>	<b>Basic Parasitology</b>
<b>Credit hours: 4</b>	<b>Theoretical: 3</b>
	<b>Practical: 2</b>

### Course Description

W. #	Lectures Topics	Laboratory Topics	Quiz	Date
1	Introduction to Protozoa	Introduction to Protozoology		
2	Amoebiasis	Study of Intestinal Amoebae		
3	Pathogenic Free Living Amoebae & Balantidiasis	Study of Intestinal & Urogenital Flagellates		
4	Giardiasis & Trichomoniasis	Stool Ova and Parasites (O&P) Exam		
5	Intestinal Sporozoa: Cryptosporidiosis, Cyclosporiasis	Modified Ziehl-Neelsen Technique		
6	Tissue protozoa (Toxoplasmosis)	Study of Intestinal Sporozoa		
7	Blood and Tissue Flagellates (Cutaneous & Mucocutaneous Leishmaniasis)	Serological Techniques in Parasitology & Immuno-diagnosis of Toxoplasmosis	<b>Q1</b>	
8	Blood and Tissue Flagellates (Visceral Leishmaniasis)	Molecular Techniques in Parasitology (PCR)		
9	Blood and Tissue Flagellates (Trypanosomiasis)	Study of Blood & Tissue Flagellates		
10	Malaria	Thick & Thin Blood Films Techniques		

11	Malaria (Cont.)	Study of <i>Plasmodium spp.</i> & Est. of Parasitaemia Level		
12	Babesiosis	Quantitative Buffy Coat Technique (QBC)	<b>Q2</b>	
13	Scabies & Myiasis	Slides Revision		
14	<b>Practical Exam.</b>			
15/16				
17/18	<b>Final Exam</b>			