

MEDICAL PARASITOLOGY, MYCOLOGY AND ENTOMOLOGY

| Semester | Subject code | Category | Lecture | | Theory | | Practical | | Credits |
|----------|--------------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|---------|
| | | | Total hrs | Hrs/ week | Total hrs | Hrs/ week | Total hrs | Hrs/ week | |
| III | 21CPMB41 | Practical IV | 0 | 0 | 0 | 0 | 75 | 5 | 5 |

1. KOH preparation of skin/nail scrapings for Fungi
2. Cultivation of Fungi and their identification.
3. Slide culture method-Germ tube method, sugar assimilation/fermentation tests for yeasts.
4. Examination of parasites in clinical specimens-ova/cysts in faeces-direct and concentration methods-formal ether and zinc sulphate methods. Saturated salt solution method.
5. Blood smear examination for malarial parasites.
6. Thick smear of JB stain. wet film for microfilariae.
7. Identification of common Arthropod of medical importance. Spotters-Anopheles, Glossina, Phlebotomus, Aedes, Ticks, Mites.