

Course Code	Course Title	C	H	I	E	T
17U2ZSM2	MEDICAL ZOOLOGY	2	2	25	75	100

Unit – 1 **6 Hrs**

Science of diseases – Communicable and non-communicable diseases – Vectors: Biological (Mosquito) and Mechanical (Musca) vectors – Endemic, epidemic and pandemic diseases.

Unit – 2 **6 Hrs**

Vector borne diseases – Dengue, Rabies, Plaque and kala-azar (Transmitting vectors, mode of transmission, symptoms and prophylaxis).

Unit – 3 **6 Hrs**

Protozoan diseases – Amoebiasis, Malaria, Pyorrhoea, Trypanosomiasis (Life cycle of causative organism, pathogenecity and prophylaxis).

Unit – 4 **6 Hrs**

Helminthic diseases – Fascioliasis, Taeniasis, Ascariasis and Ancylostomiasis (Mode of infection, pathogenesis and prophylaxis).

Unit – 5 **6 Hrs**

Ectoparasites: Head louse, bed bug, ticks and mites – General characters - Medicinal importance and control measures.

Text book

1. Rathinaswamy, S. K. 1986. A hand book of medical entomology and elementary parasitology. Vishwanathan (Printers & Publishers), Pvt. Ltd. Ananda Book Depot, Madras.

Reference books

1. Ghai O.P. and Piyush gupta, 1999. Essential preventive medicine (1st). Vikas publishing house Pvt Ltd .
2. Kotpal, R.L. 2012. Modern Text Book of Zoology Invertebrates, Rastogi Publications, Meerut.
3. Park I.E. and Park K. (2007).Text Book of Social and Preventive Medicine. M/s Banarsidas Bhanot publishers, Jabalpur.