



Code	Subject Title	Cr. Hrs	Semester
ZOOL-413	Medical Entomology	2	VII
Year	Discipline		
4	Zoology		

Course Contents

Introduction to Medical Entomology. Arthropods as a cause and carrier of disease. Development and Classification of insects and arachnids. Mouth parts and their importance in the transmission of disease. Insecticidal and acaricidal practices. Morphology, life cycle, medical importance and control of the following insects and arachnids.

Cockroaches and beetles; Bed bugs, conenose and other bugs, Sucking and biting Lice; Simulid Gnats, Phlebotomus flies and Mosquitoes; Horse flies, Deer flies, Snipe flies, Syrphid flies, Muscoid flies, Louse fly, House fly and its relatives. Tsetse flies, Stomoxys flies, Horn flies, Myiasis causing flies, Fleas and Ticks. Mites and Pentasomids, Venomous and Urticarial Arthropods.

Recommended Books

- Wall, R. and Shearer, D. 2001. "Veterinary Ectoparasites: Biology Pathology and Control" 2nd Ed. Blackwell Science Publication, UK.
- Geogri, J.R., Georgi M.C. and Theodorides, V.J. 1999. "Parasitology for Veterinarian." 7th Ed. W.B. Saunders Co., London.
- Wall, R. and Shearer, D. 1997. "Veterinary Entomology" Chapman and Hall, London.
- Herms, W.B. and James, M.T. 1996. Medical Entomology. The Mc Millian Co. New York, USA.
- Kettle, D.S. 1995. "Medical and Veterinary Entomology" CAB International, Wallingford, Oxan. U.K.
- Service M.W. 1980. A guide to Medical Entomology. The McMillan Press Ltd. London.