



Code	Subject Title	Cr. Hrs	Semester
ZOOL-414	Lab Medical Entomology	1	VII
Year	Discipline		
4	Zoology		

Course Contents

Collection, preservation and pinning of adult insects and arachnids of medical importance.
Mouth parts of insects and arachnids. Wing venation of insects,
Mounting of stigmal plates and their identification.
Demonstration of life cycle stages of typical insect and arachnids.
Methods of preparation and examination of skin scrapings for mites.
Methods for dissecting arthropod vectors to determine infection rates.
Identification of various species of cockroaches, beetles, bugs, lice, flies, fleas ticks and mites.

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.