

KARNATAKA VETERINARY, ANIMAL & FISHERIES SCIENCES UNIVERSITY
DEPARTMENT OF LIVESTOCK PRODUCTION & MANAGEMENT, VETERINARY COLLEGE, BIDAR
LPM 313 – LABORATORY ANIMAL /RABBIT /FUR ANIMAL CARE, PRODUCTION & MANAGEMENT

PET ANIMAL CARE

Course Duration : 18-08-08 to 17-01-09

Credit hrs : 1 + 1

COURSE OUTLINE

THEORY

Sl.	Date	Topic
1	20/08/08	Importance of laboratory animal breeding
2	27/08/08	Care and housing standards of mice, rats, guinea-pigs etc.
3	10/09/08	General consideration on feeding aspects and nutritional requirement of laboratory animals; Important consideration in breeding of laboratory animals
4	17/09/08	Prophylactic measures for commonly occurring laboratory animal diseases; Preliminary ideas on technology for production of specific pathogen free and germ free laboratory animals
5	24/09/08	Introduction and scope of rabbit/fur animal farming in the country; Scope and limitation of rabbit/fur animal production; Census, breeds and their distributions in India and abroad
6	15/10/08	Selection, care and management for breeding and commercial purpose; Breeding and selection techniques for optimal production; Identification, care and management of farrowing animals, farrowing; Care of new born, growing stock; Diseases and parasite control, hygienic care
7	22/10/08	Feeds and feeding for rabbit/fur animal production; Housing of rabbit/fur animals
8	05/11/08	Harvesting of products; Shearing/slaughtering and preservation of products; Disposal, utilization and recycling of wastes etc.
9	12/11/08	The economic aspects of rabbit/fur animal production, accounting their expenditure, income etc.; Manpower requirements and personnel/labour management; Preparing projects for micro (backyard), mini and major rabbit/fur animal farms
10	19/11/08	Utility of dogs; Breeds of dogs commonly seen in India; Indian breeds of dogs; Major breed traits of dogs
11	26/11/08	Selecting a breed to keep; Selection of a pup
12	03/12/08	Handling a dog; Feeding tips, simple training, house-breaking; Vices of dogs and how to correct them
13	10/12/08	Vaccination schedules; Control of parasites; Nail cutting, grooming, bathing and teeth hygiene for dogs; Norms for tail docking, ear cropping etc.
14	17/12/08	Breeding a dog; Heat and its detection; Care of a pregnant female; Whelping, care of mother and new born; Pedigree sheet, kennel clubs, dog shows
15	24/12/08	Cats, their breeds and habits; Handling cats for examination; Vices of cats
16	31/12/08	Kittens – their care and management; Food and feeding of cat; Administration of medicine; Prophylactic vaccination
17	07/01/09	Common pet birds seen India; Tips on their caging, breeding and management; Tips on health care of pet birds
18	14/01/09	Revision and Discussion

PRACTICALS

Sl.	Date	Topic
1	20/08/08	Identification of body parts and handling of laboratory animals
2	27/08/08	Housing system and space requirements for laboratory animals; Weighing, sexing and weaning of laboratory animals
3	10/09/08	Management and marking for identification of laboratory animals for purpose of their individual recording
4	17/09/08	Computation and compounding of balanced diet for laboratory animals, mainly mice, rats, guinea pigs and rabbits; Feeding schedule of laboratory animals
5	24/09/08	Selection of breeding stock of laboratory animals for high breeding efficiency; Maintenance of breeding record of laboratory animals
6	15/10/08	Prophylactic measures against common diseases of laboratory animals; Hygienic care and control of parasites (routines)
7	22/10/08	Recognising various breeds and their colour
8	05/11/08	Handling dogs for examination; Use of leads, choke collars
9	12/11/08	Exercising a dog; Brushing and bathing a dog; Clipping of hair in some breeds ; Deticking, Deworming
10	19/11/08	Hygiene of pens, feeding utensils for dogs, pups etc.; Administration of medicine, nail and tooth care
11	26/11/08	Detection of heat, mating, whelping (through video film/real); Care of new born, weaning
12	03/12/08	Visit to dog show
13	10/12/08	Common breeds of cats
14	17/12/08	Control, examination and medication of cats and kittens
15	24/12/08	Identification of common pet birds
16	31/12/08	Handling of pet birds, their examination and administration of medicine
17	07/01/09	Revision and Discussion
18	14/01/09	

Reference books:

1. Alderton, D. (1984) The Dog. Macdonald.
2. Dangersfield, S. and Howell, E. (1971) The International Encyclopaedia of Dogs. Pelham Books.
3. ICAR (2003) Handbook of Animal Husbandry – 3rd edition. Indian Council of Agricultural Research.
4. Kustritz, M.V.R. (2006) The Dog Breeder's Guide to Successful Breeding and Health Management. Elsevier.
5. Lebas, F., Coudert P., Rouvier, R. and Rochambeau, H. (1986) The Rabbit – Husbandry, Health and Production. FAO.
6. Paintal, A. (2005) Handbook of Laboratory Animals. Dominant Publishers.
7. Palmer, J. (1980) A Dog of Your Own. Salamander Books.

8. Phull, A. and Phull, R.K. (2003) Rabbit Farming and its Economics – 2nd edition. International Book Distributing Co.
9. Sandford, J.C. (1986) The Domestic Rabbit – 4th edition. Collins.
10. Sastry, N.S.R. and Thomas, C.K. (2005) Livestock Production Management – 4th edition. Kalyani Publishers.
11. Sayer, A. (1984) The Complete Book of the Cat. Octopus Books.

(Course Teacher)

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