

KARNATAKA VETERINARY, ANIMAL & FISHERIES SCIENCES UNIVERSITY
DEPARTMENT OF LIVESTOCK PRODUCTION & MANAGEMENT, VETERINARY COLLEGE, BIDAR
LPM 311 – SWINE, EQUINE, CAMEL, YAK PRODUCTION AND MANAGEMENT

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

Credit hrs : 1 + 1

COURSE OUTLINE

THEORY

Sl.	Date	Topic
1	18/08/08	Introduction and scope of swine farming in the country, Census, breeds and distribution of swine
2	25/08/08	Management of breeding & pregnant sows, Care & management of sows at and after farrowing
3	01/09/08	Care & management of piglets, growing stock, lactating sows, feedlot stock
4	08/09/08	Selection & breeding techniques in swine
5	15/09/08	Management for optimum production
6	22/09/08	Swine feeds and feeding
7	29/09/08	Housing of swine
8	06/10/08	Vaccination, disease detection & parasitic control in swine
9	13/10/08	Slaughter and preservation of swine products
10	20/10/08	Marketing of different pig products in India and abroad
11	03/11/08	Horses, donkeys and mules, their utility in our country; Equine population of India
12	10/11/08	Handling, care and routine management of equines, Identification of horses by their breeds, colour and markings (as per RWTCL); Dentition and ageing of horses
13	17/11/08	Health care routine for horses, Colic and its prevention, Control of external and internal parasites of horse, Hygiene and management of stable
14	24/11/08	Feeding routine for horses, donkeys and mules; Grooming, saddling and exercising horses, Vices of horses, Foot care and shoeing
15	01/12/08	Mating of horses, Care of stallion, Brood mare and its care, Foaling and care of newborn, Breeding mules
16	08/12/08	Race clubs, Race horses and their care, Doping and its detection
17	15/12/08	Common breeds of camels in India, Utility of camel, Feeding schedule of camel
18	22/12/08	Rutting – symptoms, care, breeding of camels; Pregnancy and parturition of camels
19	29/12/08	Common ailments in camels, Vices of camels
20	05/01/09	Yak as domesticated animal, Utility of yaks, Peculiarities of yak, Breeding of yaks, Yak x cattle crossing, Hybrids from yak, Adaptation of yak to high altitude, Yak milk and its composition, Yak meat and its production
21	12/01/09	Revision and Discussion

PRACTICALS

Sl.	Date	Topic
1	18/08/08	Identification of breeds - Indian and exotic swine
2	25/08/08	Handling of swine
3	01/09/08	Formulating rations for boars and sows, Feeding the growers, farrowing lactating and pregnant animals

4	08/09/08	Identification of pregnancy, care during pregnancy, Isolation & care of farrowing sows
5	15/09/08	Care of piglets, castration, culling, tooth cutting etc.
6	22/09/08	
7	29/09/08	Routine operations of swine farms
8	06/10/08	
9	13/10/08	Layout plans of swine houses
10	20/10/08	Routine inspection, identification of diseases
11	03/11/08	Examination and control of parasites, Vaccination
12	10/11/08	Marketing the swine
13	17/11/08	Profit-workouts for piggeries, Preparation of feasibility reports and projects
14	24/11/08	Control of horse for examination, Passing stomach tube
15	01/12/08	Grooming, saddling and riding
16	08/12/08	Exercising horses, walking, trotting, cantering and galloping
17	15/12/08	Care of race horses and preparing horses for show; Application of exercise bandage, stable bandage
18	22/12/08	Visit to races, polo horse show
19	29/12/08	Handling and control of camels, Casting, drenching, examination etc., Saddling camels
20	05/01/09	Controlling of yak, Feeds and feeding of yaks, Common ailments of yak
21	12/01/09	Revision and Discussion

Reference books:

1. Banerjee, G.C. (1998) A Textbook of Animal Husbandry – 8th edition. Oxford & IBH Publishing Co.
2. Battaglia, R.A. and Mayrose, V.B. (1987) Handbook of Livestock Management Techniques. Surjeet Publications.
3. Blakely, J. and Bade, D.H. (1994) The Science of Animal Husbandry – 6th edition. Prentice-Hall.
4. EIRI (2007) Handbook of Pig Farming. Engineers India Research Institute.
5. Gillespie, J.R. (1989) Modern Livestock and Poultry Production – 3rd edition. Delmar Publishers.
6. Hickman, John (ed) (1984) Horse Management. Academic Press.
7. ICAR (2003) Handbook of Animal Husbandry – 3rd edition. Indian Council of Agricultural Research.
8. Kacker, R.N. and Panwar, B.S. (1996) Textbook of Equine Husbandry. Vikas Publishing.
9. Prasad, J. (2004) Goat, Sheep and Pig – 3rd edition. Kalyani Publishers.
10. Rathore, G.S. (1986) Camels and their Management. Indian Council of Agricultural Research.
11. Sastry, N.S.R. and Thomas, C.K. (2005) Livestock Production Management – 4th edition. Kalyani Publishers.
12. Sharda, D.P. (2000) Swine Production. Indian Council of Agricultural Research.

(Course Teacher)

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