**Special Medicine (A) (MID. 421)**

**Overall aims of the Course:**

By successful completion of the course, the student should be able to:

1. Understanding the normal clinical and physical examination parameters of cattle, buffaloes, camels and small ruminants included sheep and goats (clinical signs of soundness) and their alterations under physiological and pathological conditions with special reference to the application of the art of diagnosis of cattle, buffaloes, camels and small ruminants included sheep and goats diseases (medicinal).
2. Application of the best strategies for epidemiology, treatment and planning for control of cattle, buffaloes, camels and small ruminants included sheep and goats diseases in individual and herd cases.

**Course contents:**

* Neonatal diseases of sheep and goats
* Neonatal diseases of cattle and camels
* Metabolic diseases of sheep and goats
* Production disorders of cattle and camels
* Digestive disorders of sheep and goats
* Digestive disorders of cattle and camels
* Respiratory disorders of sheep and goats
* Respiratory disorders of cattle and camels
* Urinary diseases of sheep and goats
* Urinary disorders of cattle and camels
* Deficiency diseases of sheep and goats
* Deficiency diseases of cattle and camels
* Case history and clinical information
* clinical examination of Digestive system part 1 (cattle and camels)
* clinical examination of Digestive system part 2 (sheep and goats)
* clinical examination of respiratory system in cattle and camels
* clinical examination of respiratory system in sheep and goats
* clinical examination of urinary system in cattle and camels
* clinical examination of urinary system in sheep and goats
* clinical examination of integumentary system in cattle and camels
* Clinical cases integumentary system in sheep and goats
* clinical examination of cardiovascular system in ruminants
* clinical examination of musculoskeletal system in cattle and camels
* clinical examination of musculoskeletal system in sheep and goats