**Clinical Nutrition (B) (NCN.422)**

**Overall aims of the Course:**

Understanding the nutrient requirements and applied nutrition for Pre-ruminants; Beef and Dairy animals; Sheep & Goat and Camels. Equines, Pet and Laboratory animals and Fish. Study of the relation between nutrition and metabolic disorders, infectious diseases and reproduction is essential for the course. Mal-nutritional and Food-borne illnesses as well as therapeutic nutrition are to be realized. Formulation of diets for different species at different physiological and production levels.

**Course contents:**

* Maintenance &Growth
* Equine ration formulation
* Equine clinical nutrition
* Beef cattle clinical nutrition
* Sheep & goat clinical nutrition
* Beef cattle ration formulation
* Dairy cattle clinical nutrition
* Metabolic Disorders
* Sheep & goat ration formulation
* Fish nutrition
* Pet animals
* Dairy cattle ration formulation
* Camel nutrition
* feed processing
* Nutrition & disease
* Lab animal nutrition