

Class M.Sc, IV th sem

Subject Toxicology

Course Applied Toxicology

Unit-I Food Toxicology

Contents- Introduction, Food Toxicology, Toxicology of food additives, legal and regulatory aspects aspects

Unit II- Cosmetic Toxicology

Contents – Introduction, potential exposures, toxicity of shampoos and conditioners, permanent wave treatment, colorants, bleachers and sprays, cutaneous diseases, respiratory diseases, regulatory aspects

Unit III- Medical Toxicology

Contents – Introduction, Mission of medical toxicology, Nomenclature, Toxicological fact sheets and databases, Human risk assessment, ecotoxicology, conclusion

Unit IV- Vet Toxicology

Contents- Introduction, common toxicoses in dogs and cats, common toxicoses in cattle, horses, poultry, birds

Unit V – Clinical toxicology

Contents- Clinical strategy for treatment of the poisoned patient, clinical stabilization, physical examination, laboratory evaluation, radiographic examination, enhancement of poison elimination

Unit VI Wildlife toxicology

Contents – Introduction, environmental and ecological toxicology, Wildlife susceptibility to poisons, Comparative toxicology, Integrated problem saving

e-resources

TOXNET (Toxicology Data Network), NLM (National Library of Medicine), IRIS (Integrated Risk Information System), TOXLINE