Gopal Narayan Singh University
Faculty of Pharmacy
Different Route of Drug Administration in Experimental Animals

Course code: BPHSK2

Objective: This course help us to learn how to handle, treat preparing animals for experiments and ethical guidelines during the drug treatment, measure the required volume of drugs using aspectic techniques and learn how to give a different types of route of drug administration.

Unit I   **6 hours**

Basic study of drugs & route of administration: Introduction and scope of route of administration from experimental animals, Principle of route of administration in experimental animals, General Methods commonly employed for route of administration in experimental animals.

Unit II   **6 hours**

Animal handling techniques in experimental animals: The good handling and restrained is most important techniques for correct drug administration

Unit III   **6 hours**

Enternal route (oral and intregastric): Route of drug administration techniques in experimental animals. It is merits and demerits

Unit IV   **6 hours**

Parentral (I.V, I.M, I.P, S.C, I.D): Route of drug administration techniques in experimental animals. It is merits and demerits
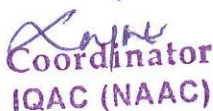
Unit V   **6 hours**

Topical route: Route of drug administration technique for topical drugs, drugs like local anaesthetics, ointments. It is merits and demerits