

**Course Name: Concepts of drug design in Ayurveda and biomedicine**

Start Date: 01.05.2019

Fees: Rs. 3000/-

**Learning objectives**

- To understand the theories on *Dravya* (material-therapeutic agents) and its properties.
- To understand the basics of design and manufacturing of Ayurvedic formulations, dosage forms etc.
- To understand the pharmacodynamic and pharmacokinetic principles of drug action.
- To understand fundamentals of mode of action of Ayurvedic drugs and modern drugs.

**Key knowledge activities**

- Students will learn the Ayurvedic principles of drug design and formulation preparation.
- Students will learn the principles of modern drug design and the concepts of mode of action of molecular drugs.

**Key practical activities**

- Students will be exposed to the skills of preparation of simple Ayurvedic formulations.

**Assessment guidelines**

- Continuous assessments, Assignments, presentations and end semester examination.