

# **Department of Agada Tantra Evum Vidhi Vaidyaka**

## **Faculty Details**

**Dr. Sankalp Singh**

(B.A.M.S., M.D.)

**Asso. Prof./HOD**

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## **Introduction**

The Department of Agada Tantra is a specialized branch of Ayurveda dedicated to the study and management of toxins (Visha) originating from plant, animal, artificial, and environmental sources. Rooted in classical Ayurvedic texts such as Charaka Samhita and Sushruta Samhita, the department integrates traditional knowledge with modern toxicological principles.

The department plays a vital role in teaching undergraduate students the principles of toxicology, forensic medicine, and medico-legal aspects. It also contributes to public health awareness, poison management, and emergency care related to toxic exposures.

## **Aims**

The primary aims of the Department of Agada Tantra are:

To provide comprehensive education in Ayurvedic toxicology and forensic medicine.

To promote integration of classical Ayurvedic wisdom with modern toxicological practices.

To enhance research and evidence-based practices in the field of toxicology and medico-legal studies.

To contribute to community health and safety awareness regarding poisoning and toxic substances.

## **Objectives**

The department focuses on achieving the following specific objectives:

To impart in-depth knowledge of Visha (toxins), their classification, sources, and effects on the human body.

To train students in clinical identification and management of poisoning cases using Ayurvedic and supportive modern approaches.

To develop understanding of medico-legal procedures, autopsy basics, and legal responsibilities of a physician.

To enable students to recognize toxic plants, animals, and substances commonly encountered in clinical practice.

To encourage research activities, seminars, and case discussions in toxicology and forensic medicine.

To cultivate skills in emergency management and first aid in poisoning cases.

## **Cases Handled / Activities**

### **Clinical Exposure / Cases Handled**

Management of acute and chronic poisoning cases (food poisoning, drug toxicity, envenomation, etc.)

Observation and documentation of snake bite, insect bite, and other toxic exposures

Participation in medico-legal case handling and documentation

Toxicological screening and clinical correlation (where applicable)

### **Academic Activities**

Regular theory classes, practical demonstrations, and museum teaching

Specimen-based learning (toxic plants, preserved specimens, models)

Case presentations, ppt presentations & seminars

Interdepartmental teaching with clinical departments

Participation in conferences, workshops, and CMEs

### **Extension / Community Activities**

Awareness programs on poisoning prevention and first aid

Health camps focusing on environmental and occupational hazards

Training programs on first aid and emergency response like CPR, Gastric Lavage etc







