I.K.S. (Generic) - Year-I, Sem-I Syllabus [Level 4.5]

Course Type: Indian Knowledge System (IKS)

Course Code: IKS 101HIS

Course Title: History of Knowledge Production in India (Generic)

Credits: 2 (Theory)

Weeks: 15

Hours: 30

Internal Marks: 15

External Marks: 35

Course Objectives:

To understand the nature of knowledge.

To understand the evolution of the scientific approach in the Indian subcontinent.

To study contributions made by different people to the various branches of knowledge before modernity evolved in India.

Course Outcomes:

The concept of the ancient intellectual knowledge tradition will be understood.

Developments in science from ancient times will be introduced.

Developments in humanities from ancient times will be understood.

Syllabus (from 2024-25)

Unit 1. Introduction to Indian Knowledge System (06 Hours)

a. Definition, Scope and importance of knowledge

b. Nature of Indian Knowledge System

c. Evolution of scientific approach

Unit 2. Development of Sciences (12 Hours)

a. Astronomy - Aryabhatta, Varahamihira, Sawai Jaisingh

b. Medicine - Ayurveda and Yunani

c. Metallurgy - Copper, Iron, Bronze & alloys

Unit 3. Development of Humanities (12 Hours)

a. Language - Prakrit, Sanskrit, Farsee

b. Philosophy - Vedic, Lokayat, Buddhist, Jaina

c. Education system in ancient India - Takshashila, Nalanda, Valabhi University

d. Architecture