

COURSE TITLE	INDIAN KNOWLEDGE SYSTEM
COURSE CODE	04AH0107
COURSE CREDITS	2

Course Outcomes: After completion of this course, student will be able to:

- 1 Recall key principles of ancient Indian philosophy and cultural achievements.
- 2 Explain the core beliefs of Indian philosophical systems and their relevance today.
- 3 Apply Indian philosophical concepts to analyze modern ethical dilemmas and utilize traditional scientific knowledge.
- 4 Analyze connections between Indian and Western philosophical traditions and evaluate the impact of Indian cultural heritage globally.
- 5 Design projects integrating Indian philosophy with modern approaches and develop strategies for preserving and promoting Indian cultural heritage.

Pre-requisite of course:none

Teaching and Examination Scheme

Theory Hours	Tutorial Hours	Practical Hours	ESE	IA	CSE	Viva	Term Work
2	0	0	50	30	20	0	0

Contents : Unit	Topics	Contact Hours
1	Philosophical Foundations of Indian Knowledge Systems Ancient Indian Philosophy, Schools of Indian Philosophy (e.g., Nyaya, Vaisheshika, Samkhya, Yoga, Vedanta), Concept of Dharma and Karma, Influence of Indian philosophy on modern thought, Comparative analysis with Western philosophical traditions	15
2	Cultural Heritage and Scientific Contributions of India Ancient Indian Science and Technology (e.g., Ayurveda, Astronomy, Mathematics), Indian Contributions to World Literature and Arts (e.g., Epics, Classical Dance, Music), Indian Aesthetics and Architectural Marvels (e.g., Temples, Sculptures), Traditional Knowledge Systems (e.g., Vedic Literature, Jyotish Shastra), Preservation and Promotion of Indian Cultural Heritage in the contemporary world	15
Total Hours		30

Textbook :

- 1 Concept and Application, David McCullough, Simon & Schuster, 2005

Textbook :

- 2 Strategic Airport Planning, Robert E. Caves & Geoffrey D. Gosling, Elsevier Science Ltd., 1997

References:

- 1 Aviation Management “Global and National Perspective”, Aviation Management “Global and National Perspective”, Ratandeep Singh., Kanishka publisher, 2021

Suggested Theory Distribution:

The suggested theory distribution as per Bloom’s taxonomy is as follows. This distribution serves as guidelines for teachers and students to achieve effective teaching-learning process

Distribution of Theory for course delivery					
Remember / Knowledge	Understand	Apply	Analyze	Evaluate	Higher order Thinking / Creative
20.00	30.00	25.00	15.00	10.00	0.00