

**INDIAN INSTITUTE OF TECHNOLOGY ROORKEE****NAME OF DEPARTMENT/CENTER/SCHOOL:** Centre for Indian Knowledge Systems**Subject Code:** IKS-501      **Course Title:** Introduction to Indian Knowledge Systems**L-T-P:** 2-0-0**Credits:** 2**Subject Area:** SSC

**Course Outline:** Introduction and foundational concepts of IKS: various streams of knowledge in India and classification of ancient Indian texts, Psychology from Indian perspective, Yoga and Indian Linguistics: Introduction to Yoga; theory of emotions, Pāṇini's contribution to linguistics, Indian Mathematics and Astronomy: An overview of Indian mathematics, Development of arithmetic geometry and Trigonometry, Vedic Mathematics and Indian Astronomy, Medicinal traditions in India, An Introduction to Āyurveda, Indian Architecture and Planning, Traditional measurement system used in Vāstuśāstra and Economics, Management and Governance from Indian perspectives.