

HOURS PER WEEK			CREDITS		MAXIMUM MARKS				
L	T	P	Th	Pr	THEORY		PRACTICAL		TOTAL MARKS
					CW	ENDSEM	SW	ENDSEM	
-	2	-	-	-	50	-	-	-	50

PRE-REQUISITES: NIL

Course objectives

1. To make students acquainted with the legacy of ancient Indian knowledge tradition and its contribution to the problems of modern world.
2. To impart the learning of Indology in the field of Science, arts, management, and technology.
3. To bring students' focus on the Karma theory and Yogic aspects to improve their lifestyle and revive Indian traditional values.

Course outcomes: After the course completion, Students will be able to –

1. Elucidate the legacy and essence of Indian knowledge tradition.
2. Comprehend the importance of tracing of text, archeological, and inscriptional evidences in cultural history and civilization.
3. Classify the philosophical literature of different Indian philosophies – Vedic and non-Vedic.
4. Evaluate contribution of ancient Indian scholars in various disciplines – arts, sciences, mathematics, and engineering & Technology.
5. Imbibe the essence of karma theory and yogic practices to sustain mental and physical wellbeing.

Course Contents:

Unit1 – Introduction to Indian knowledge tradition (IKT): nature and scope of IKT, Vedic and non-Vedic philosophies, nature and cause of the universe, nature and role of God, concepts of *panch-bhutas*, substances/matters/elements (*dravya, jada, tattva*) and *Samsara*, joy & sorrow, rebirth, state of liberation and its path.

Unit2 – Cultural history and civilization in India: texts, inscriptions and archeological ways of historical comprehension of culture and civilization, some inscriptions and archeological evidences – e.g. Nalanda, Takshshila, Ajanta-Elora, Udaygiri caves, Mohan-Jodaro, chronology of Vedas and other religious/philosophical texts.

Unit 3 – Structural classification of ancient Indian knowledge Texts: Ashtadash-Vidya, four Anuyogas, three volumes of Tripitika, some selected religious text literature and their subject matter – Ramayana, Gita, Shatkhandagam, Jatak Kathayen, Harivansh purana etc.

Unit4 – Mathematics, Science and technology: Astrology, metallurgy, town planning, rock arts, *vastukala, sthapatya*, health care, ancient Indian Scientists and mathematicians – Aryabhatta, Shridharacharya, Bhaskaracharya, Mahaviracharya, Brahmagupta, Yativrishabh acharya, sushrut, charak etc.

Unit5 – Language, Knowledge, Yoga and Meditation: Ancient Indian languages, means of knowledge and communication, Sensory Knowledge, direct knowledge, inferential knowledge, testimony (Shabd/Agam), Karma theories – Karma as action or matter, states and types of karma, yoga and mental wellbeing, Ashtang yoga, Maharshi Patanjali,

ASSESSMENT: Class Work(50 marks):

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| 1. Attendance | :10 Marks |
| 2. Quizes/Assignments/Class activities | :25 Marks |
| 3. Presentation and Viva | :15 Marks |

Books for references:

1. B. Mahadevan, Nagendra Pavana, Vinayak Rajat Bhat, Indian Knowledge System: *Concepts and Applications*, PHI, 2022
2. Dr. Umashankar Rishi, Hindi commentary on madhavacharya's "Sarva darshan sangrah", Chokhamba Vidyabhavan, Varanasi, 221001
3. Chatterjee, Satishchandra. *Introduction to Indian Philosophy*. Rupa & Co, 2012.
4. Radhakrishnan, Sarvepalli. *Indian Philosophy*. Oxford Univ. Press, 2009.
5. Shastri, Foolchand, Hindi translation of "Sarvarth Siddhi" – A Sanskrit commentary by Acharya Pujyapad on 'Tattavarth Sutra' of Umaswami, 7th Ed. 2013, Bhartiya Gyanpith, New Delhi 110003
6. Upādhyāya Baldev. *Bhāratīy adarśana; BHĀRATAVARSA Kī Vividh adarśanika vicāradhāraom KĀ PRĀMĀNIKAVIVECANA*. ŚārdāMandira, 1957.
7. V. Sivaramkrishnan (Ed.), *Cultural Heritage Of India course material*, Bharitya Vidya Bhavan, Mumbai. 5th Edition. 2014
8. Pritchett, Frances. *The Buddha and His DHAMMA, by Dr. B. R. Ambedkar*, www.columbia.edu/itc/mealac/pritchett/00ambedkar/ambedkar_buddha/.
9. Shastri, Dr. Nemichand, "Tirthankar Mahaveer aur unki Acharya PARAMPARA Part-1: Read Jain Books Online at Jainebooks.org." *Jainebooks.org*, Pandit Todarmal Smarak Trust, www.jainebooks.org/books/4129/tirthankar-mahaveer-aur-unki-acharya-parampara-part-1.