

Sant Gadge Baba Amravati University, Amravati

Three/Four-Years UG Programme (NEP) with Multiple Entry and Multiple Exit Options

Course/Subject: Indian Knowledge System (Generic)

**(Common to Faculty of Humanities, Faculty of Interdisciplinary studies and
Faculty of Commerce and Management)**

Note: 1. For the Programmes in the Faculty of Humanities and the faculty of Interdisciplinary studies, Unit I and Unit II shall be studied in the First Semester resulting into 1 credit course (25 Marks). Later, Unit III and Unit IV shall be studied in the Second Semester resulting into 1 credit course (25 Marks).

Credits: 01 Maximum Marks: 25 Lectures: 1 Hours per week
Expected Lectures per semester: 15 to 17

2. For the Programmes in the Faculty of Commerce and Management all 04 units shall be studied in the Semester-I resulting into 2 credits (50 Marks)

Credits: 02 Maximum Marks: 50 Lectures: 02 Hours per week
Expected Lectures for semester I: 30 to 34

Course Outcomes:

After completion of this course successfully, students would be able to

1. Develop an appreciation about the role and importance of Veda, Vedangas, Upanishadas, Ramayana, Mahabharata, Prominent ancient art forms and skills, etc.
2. Explain the role and importance of Science and Technology in India.
3. Gain knowledge about the role and importance of Yoga and Ayurveda
4. Understand the role and importance of governance, public administration through Kautilya's Artha Shastra, Vidur Niti, etc.
5. Take up a detailed study of some of these topics and explore their application potential

Unit I (Humanities) : Importance of ancient Indian knowledge, Ancient Indian Culture, Introduction to the Four Vedas, vedangas, upanishadas, Vedic schools of philosophy: Samkhya and Yoga darashana, non-vedic philosophical systems: Baudhha school of philosophy and Jain School of philosophy; Indian Religions: Hindu, Jain and Baudhha, Wisdom through: Puranas, Ramayana, Mahabharata, Shrimad Bhagwad Geeta, Indian approach to psychology, the triguna system, Prominent ancient art forms and skills.

Unit II (Science and Technology): Number system and units of measurement, The concept of zero and its importance, decimal system, measurement of time, distance and weight, Elements of the panchanga- the Indian calendar system, Town planning and architecture, irrigation and water management, dyes and painting technology, Vastu Shastra-the science of architecture, amazing stone architectures of temples in India, Metals and metal working technology, iron and steel in India.

Unit III (Inter-disciplinary): Impact of yoga way of life on emotional intelligence, Ayurveda: definition of health, tridoshas-relationship to health, dinacharya- daily regimen for wealth and wellness, surgical techniques, disease management: diagnostic techniques, sleep and food- importance to health, drugs and physical therapy.

Unit IV (Commerce an Management): Governance and public administration: Kautilya's Arthashastra-governance and administration, Vidura Niti: advice to head of the nation, Trading in ancient India, ancient Indian agriculture, crops and tools; ways of travelling and business, animal husbandry, ancient Indian ports.

Text Books:

1. Introduction to Indian Knowledge System: Concepts and Applications by B. Mahadevan, Vinayak R. Bhat and Nagendra P. R. N., PHI Learning Private Limited, 2022.
2. Kapur K and Singh A. K (Eds) 2005). Indian Knowledge Systems, Vol. 1. Indian Institute of Advanced Study, Shimla. Tatvabodh of sankaracharya, Central chinmay mission trust, Bombay, 1995.

Reference Books:

1. Collection of Four Vedas (Rigveda Samhita, Yajurveda Samhita, Samveda Samhita, Atharva Veda Samhita), by Pandit ShriRam Sharma Acharya, Motilal Banarasidass
2. Collection of Vedas (Rigveda, Shukla Yajurveda, Krishna Yajurveda, Samveda, Atharva Veda), by Brahmarshi Maha Mahopadhyaya Pandit Shreepad Damodar Satvalekar, Publisher: Swadhyaya mandal, Pardi (Balsad), Printer: Samvad Tradeprints, 1005, Sadashiv Peth, Pune
3. Nair, Shantha N. Echoes of Ancient Indian Wisdom. New Delhi: Hindology Books, 2008.
4. SK Das, The education system of Ancient hindus, Gyan publication house, India
5. BL Gupta, Value and distribution system in India, Gyan publication house, India
6. Reshmi ramdhoni, Ancient Indian Culture and Civilisation, Star publication ,2018
7. Supriya Lakshmi Mishra, Culture and History of Ancient India (With Special Reference of Sudras), 2020.
8. Gambirananda, Swami, Tr. *Upanishads with the Commentary of Sankarachrya*. Kolkata: Advaita Ashrama publication Department, 2002.
9. Ranganathananda, Swami. *The Message of the Upanishads*. Bombay: Bharathya Vidya Bhaven, 1985.
10. Om Prakash, Religion and Society in Ancient India, Bhariya Vidhya Prakashan, 1985
11. J Auboyer, Daily Life in Ancient India from Approximately 200 BC to AD 700, Munshi ram Manoharlal publication, 1994.
12. DK Chakkrabarty, Makkhan Lal, History of Ancient India (Set of 5 Volumes), Aryan book International publication, 2014
13. Dr. Girish Nath Jha, Dr. Umesh Kumar Singh and Diwakar Mishra, Science and Technology in Ancient Indian Texts, DK Print World limited,
14. Swami BB Vishnu, Vedic Science and History - Ancient Indian's Contribution to the Modern World, gosai publication, 2015
15. Chatterjee, S.C. The Nyaya Theory of Knowledge. Calcutta: University of Calcutta Press, 1950.
16. Dasgupta, Surendra. A History of Indian Philosophy. Delhi: Motilal Banarsidass, 1991.Vols. III & IV.
17. Mercier, Jean L. From the Upanishads to Aurobindo. Bangalore: Asian Trading Corporation, 2001.
18. M. Hiriyanna. *Essentials of Indian Philosophy*. London: Diane Publications, 1985.
19. Hume, Robert Ernest, Tr. *The Thirteen Principal Upanishads*. Virginia: Oxford University Press, 1931.
20. Radhakrishnan, S. *Principal Upanishads*. New York: Harper Collins, 1963.
21. Satprakashananda. *The Methods of Knowledge according to Advaita Vedanta*. Calcutta: Advaita Ashram, 2005.
22. Potter, K.H. *Encyclopaedia of Indian Philosophies*, Vol.III. Delhi: Motilal Banarasidass, 2000.
23. Kurhekar Acharya Shreyas Charudatta Indian Knowledge System: Introduction & Prospects, H.V.P.Mandal's Degree College of Physical Education, Amravati, Maharashtra, 2024.
24. मराठी विश्वकोश, संपा. तर्कतीर्थ लक्ष्मणशास्त्री जोशी, म. रा. साहित्य आणि संस्कृती मंडळ, मुंबई.
25. भारतीय संस्कृतिकोश, संपा. पं. महादेवशास्त्री जोशी, भारतीय संस्कृतिकोश मंडळ, पुणे.
26. अठरा पुराणे, संपा. प्र. न. जोशी, प्रसाद प्रकाशन, पुणे.
27. भारतीय संस्कृती, साने गुरुजी, साधना प्रकाशन, पुणे.