

Course: IKS
Introduction to Indian Knowledge System

Semester: I	Credits: 2	Subject Code: BIKS12301	Lectures: 30
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Course Outcomes:

At the end of this course, the learner will be able to:

- CO1- Comprehend IKS for further research and societal applications, proudly spread the rich heritage of our country and traditional knowledge in the field of Arts and Literature, Agriculture, Basic Sciences, Engineering & Technology, Architecture and Good Governance
- CO2-Appreciate and imbibe Indian disciplinary formations on Philosophy, Grammar, Mathematics, Astronomy, Sociology, Economics and Polity, Ethics, Logic, Military Science, Weaponry, Mining and Metallurgy, Trade and Commerce
- CO3-Demonstrate the multi-dimensional nature of IKS and their importance in the contemporary society
- CO4-Sensitize the students about the contributions made by the ancient Indians.

Unit 1: Bharatvarsha-A Land of Diversity

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- A Land of Rare Natural Endowments: Protected and nurtured by Himalayas. The Sindhu-Ganga plain and the great coastal plains. The great rivers of India.
- The Vedic Corpus: The Vedas, Vedangas, The Puranas
- Indian Education: Sanskrit and other Indian Languages, Literature, Mathematics, Astronomy
- Indian Health Sciences: Ayurveda, Charaka, Sushruta
- Assignment: Internal

Unit 2: The Foundation of Modern India

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- Indian Architecture and Town Planning: Architecture and Sculpture, The ancient cities of the Indus Saraswati region. Town planning and drainage systems.
- Indian Fine Arts: Basic concepts of Indian music and musical instruments, dance and painting
- Indian Agriculture, Indian Textiles, Indian Metallurgy
- Indian Polity and Economy: Indian conception of well-organised Polity and flourishing Economy, King as the protector of Dharma, Grama as the centre of the polity
- Assignment: Internal



Board of Studies	Department	Name	Signature
Chairperson (HoD)	Management Studies	Mrs. Rekha Kankariya	<i>R. Kankariya</i> 30/08/23

Recommended Text Books:

- Baladev Upadhyaya, *SanskṛtaŚāstrom ka Itihās, Chowkhambha*, Varanasi, 2010.
- D. M. Bose, S. N. Sen and B. V. Subbarayappa, Eds., *A Concise History of Science in India*, 2nd Ed., Universities Press, Hyderabad, 2010.
- *Astāngahrdaya, Vol. I, Sūtrasthāna and Śarīrasthāna*, Translated by K. R. Srikantha Murthy, Vol. I, Krishnadas Academy, Varanasi, 1991.
- Dharampal, *Some Aspects of Earlier Indian Society and Polity and Their Relevance Today*, New Quest Publications, Pune, 1987.
- Dharampal, *Indian Science and Technology in the Eighteenth Century: Some Contemporary European Accounts*, Dharampal Classics Series, Rashtrottana Sahitya, Bengaluru, 2021

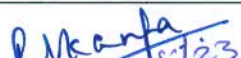
Reference Books:

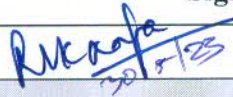
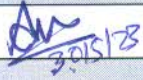
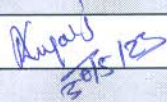
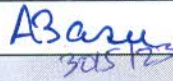
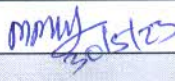
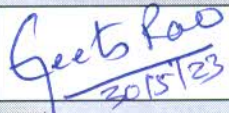
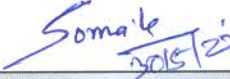
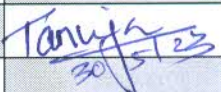
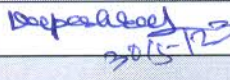
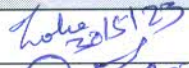

- Dharampal, *The Beautiful Tree: Indian Indigenous Education in the Eighteenth Century*, Dharampal Classics Series, Rashtrottana Sahitya, Bengaluru, 2021.
- J. K. Bajaj and M. D. Srinivas, *Indian Economy and Polity in Eighteenth century Chengalpattu*, in J. K. Bajaj ed., *Indian Economy and Polity*, Centre for Policy Studies, Chennai, 1995, pp. 63-84.
- J. K. Bajaj and M. D. Srinivas, *Annam Bahu Kurvita Recollecting the Indian Discipline of Growing and Sharing Food in Plenty*, Centre for Policy Studies, Chennai, 1996.
- J. K. Bajaj and M. D. Srinivas, *Timeless India Resurgent India*, Centre for Policy Studies, Chennai, 2001.
- M. D. Srinivas, *The methodology of Indian sciences as expounded in the disciplines of Nyāya, Vyākaraṇa, Ganita and Jyotisa*, in K. Gopinath and Shailaja D. Sharma (eds.), *The Computation Meme: Explorations in Indic Computational Thinking*, Indian Institute of Science, Bengaluru, 2022 (in press).

Websites:

- www.ugc.gov.in/pdfnews/3226446_Draft-Guidelines-for-Incorporating-Indian-Knowledge-System-in-Higher-Education-Curricula.pdf
- www.indianculture.gov.in/rarebooks/town-planning-ancient-india
- www.dharmawiki.org
- www.panchkoshawellbeing.in



Board of Studies	Department	Name	Signature
Chairperson (HoD)	Management Studies	Mrs. Rekha Kankariya	 30/5/23

Board of Studies	Name	Signature	
Chairperson (HoD)	Mrs Rekha Kankariya		
Faculty	Ms. Abhradita Chatterjee Nahvi		
Faculty	Ms. Kajal Jaisinghani		
Faculty	Mrs. Amrita Basu		
Faculty	Dr. Madhura Wagh		
Subject Expert (Outside SPPU)	Dr. Geeta Rao		
Subject Expert (Outside SPPU)	Ms. Soma Kulshrestha		
VC Nominee (SPPU)	Dr. Tanuja Devi		
Industry Expert	Deepesh Sodhi		
Alumni	Zoha Sabooni		
Alumni	Ms. Nilufer Chini		



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