

SHIVAJI UNIVERSITY, KOLHAPUR



Established: 1962

A⁺⁺ Accredited by NAAC (2021) With CGPA 3.52

New Syllabus for Bachelor of Arts

Indian Knowledge System (IKS) (Generic)

UNDER

Faculty of Humanities

B. A. Part - I (Semester - I)

STRUCTURE AND SYLLABUS IN ACCORDANCE WITH

NATIONAL EDUCATION POLICY - 2020

HAVING CHOICE BASED CREDIT SYSTEM

WITH MULTIPLE ENTRY AND MULTIPLE EXIT OPTIONS

(TO BE IMPLEMENTED FROM ACADEMIC YEAR 2024-25 ONWARDS)

Introduction to Indian Knowledge System (Generic)

Course Objectives

- To understand the concept rooted in ancient texts, philosophical traditions and cultural practices.
- To understand different types of Indian Knowledge System.

Course Learning Outcomes

CO 1 Students will get knowledge about Indian Knowledge System

CO 2 Students will know the ancient Knowledge about Ayurveda, yoga

CO 3 Students will understand the ideology of Varkari Sampraday

The Course objectives and outcomes will provide a clear understanding of the concepts rooted in ancient texts, philosophical traditions and cultural practices. The course appears to be focused on understand the overall aspects of languages and social sciences.

MODULE 1: INTRODUCTION TO IKS

(Teaching hours: 15, Credit: 1)

1.1 Concept, Nature and Scope - Need & Importance

1.2 Introduction to Four Vedas & Vedic Life: Features

1.3 Indian Philosophical Systems: Puranas , Itihasa and Subhashitas

1.4 Varkari Sampraday and Vari

MODULE 2: IKS in Humanities

(Teaching hours: 15, Credit: 1)

2.1 Yog and Vipashyana: Relevance to Health and wellness

2.2 Ayurveda: Charak, Sushrut, Jivak

2.3 Kautilya's: Arthashastra and Nitishatra

2.4 Arts and Architecture: Harappan Civilisation – Forts – Caves: Ajantta & Ellora

Readings:

Achary Suryakant Bhagat	:Rajendra Bhagat, Buddhacaritam. Sudhir Prakashan, Wardha, 2023.
Charles River	: The Ancient Indus Valley Civilization's Biggest Cities: The History and Legacy of Mohenjo-daro, Harappa, and Kalibangan,2019
Hariharananda Swami	:Patanjali Yoga Darshan ,Motilal Banarsidas Publication,Varanasi.
Kapil Kapoor,Avadhesh K.Singh	: Indian Knowledge Systems-Vol-1,Indian Institute of Advanced Study,2005.

Kapil Kapoor, Avadhesh K. Singh	: Indian Knowledge Systems-Vol-2, Indian Institute of Advanced Study, 2005.
Kapil Kappor, Avadesh Kumar Mahadevan B., Bhat V. R., Nagendra Pavana R. N.	: Indian Knowledge System Vol.1, DK Print World, Ltd., 2005. : Indian Knowledge System Concepts and Application, PHI Learning Pvt. Ltd., 2022.
Nagendra.H.R	: Patanjali Yog Sutra, Swami Vivekananda Yoga Prakashan.
Naravane M.S	: Forts of Maharashtra, APH Publishing Corporation, New Delhi, 1995
Pradeep Kumar Gautam, Saurabh Mishra, Arvind Gupta	: Indigenous Historical Knowledge: Kautilya and His Vocabulary, Pentagon Press, 2015.
Rabindranath Tagore	: Personality, Rupa Publications, 2007
कदम विकास	: वारकरी संप्रदायाचा इतिहास आणि पंढरपूरातील सांप्रदायिक फड व मठाचे कार्य, अरुणा प्रकाशन, लातूर (२०१४)
कोल्हटकर कृष्णाजी केशव	: पातंजल योगदर्शन आदित्य प्रतिष्ठान पुणे
ग. ना. जोशी	: भारतीय तत्त्वज्ञानाचा बृहद इतिहास, खंड १, २, शुभदा सरस्वत प्रकाशन, पुणे, 2005
जोशी महादेवशास्त्री	: संपा. भारतीय संस्कृतिकोश ; खंड १ ते १० भारतीय संस्कृतिकोश मंडळ पुणे
ढेरे रा. ची	: संत, लोक आणि अभिजन, पद्मगंधा प्रकाशन, पुणे (2005)
दळवी दारूद	: लेणी महाराष्ट्राची, ग्रंथाली प्रकाशन, मुंबई, 2004
देखणे रामचंद्र	: वारी : स्वरूप आणि परंपरा , पद्मगंधा प्रकाशन, पुणे (2006)
देशपांडे डी. जि	: महाराष्ट्रातील किल्ले, डायमंड पब्लिकेशन, पुणे, 2009
पराडकर मिलिंद	: प्राचीन भारतीय दुर्ग शास्त्र आनी हिंदवी स्वराज्याच्या दोन राजधान्या- एक तौलनिक अभ्यास, नीलचंपा प्रकाशन, 2011
पाटील तानाजी राऊ	: संत साहित्यातील सामाजिकता, विश्वकर्मा पब्लिकेशन, पुणे (2011)
प्रमोद पाठक	: वेदांची ओळख, गौतमी प्रकाशन, नाशिक, 2010
विष्णू वामन बापटशास्त्री	: सुबोध उपनिषद संग्रह, गायत्री साहित्य, पुणे १९८९
वेदप्रकाश डोणगावकर	: भारतीय तत्त्वज्ञान, मैत्री प्रकाशन, लातूर, २०२१
श्रीनिवास हरी दीक्षित	: भारतीय तत्त्वज्ञान, फडके प्रकाशन, कोल्हापूर, 2010
हिवरगावकर बी. आर.	: कौटिलीय अर्थशास्त्र, वरदा (बुक्स) प्रकाशन प्रा. लि., पुणे

ACTIVITIES AND EXERCISES SUGGESTED FOR INTERNAL ASSESSMENT:

- Home Assignment
- Any other exercise/activity approved by concerned teacher.

Shivaji University, Kolhapur
Programme: B. Com.
Level 4.5 Semester- I
Course Code: IKS (G)
IKS- Generic: Indian Business Management
(Introduced from June 2024)

Course Outcomes:

After studying this course, students will be able to...

1. Understand the key ideas of Indian management
2. Explain how to develop Indian thoughts in management
3. Application of values in Management
4. Demonstrate various examples of Indian thinkers and Indian business models before the students

2 Credits	50 marks (Semester end examination 40 and internal evaluation 10)	Total 30 hours
Unit No.	Course Content	No. of Hours
Unit-I	Indian Management	15 hours
	(a) Evolution of Indian Management, key ideas of Indian Management, Role of Values in Management, Indian Epics and Management, (b) Dimensions of Vedic Management, Bhagwad Gita, Ramayan, Buddha's Management, Kautilaya's Arthshastra	
Unit-II	Indian Business Models	15 hours
	Business Model of Tata, Business Model of Bajaj Group, Business Model of Aditya Birla Group, Business Model of Reliance Industries, Business Model of AMUL	

Reference Books Recommended:

1. Sancev Rinka and Khanna, Parul: Ethics and Values in Business Management, Ane Books Pvt. Ltd,
2. Khanna. S.: Vedic Management, Taxman Publication (P) Ltd.
3. Bhagwad Gita as Viewed by Swami Vivekananda; Vedanta Press & Bookshop
4. Rajgopalachari C. Ramayan Bhartiya Vidya Bhawan
5. Dona Witten and Akong Tulku Rinpoche, Enlightened Management: Bringing Buddhist Principles to Work, Park Street Press,
6. B. R. Ambedkar, Buddha and His Dhamma, Government of Maharashtra, W & S of Dr. Babasaheb Ambedkar, Mumbai
7. Gita Piramal: Business Legends
8. Kalai Selvan N: Tata's Business and Growth Strategy (Business Strategy Series) 1 Jan 2008

Nature of Question Paper
Shivaji University, Kolhapur
Programme: B. Com.
Level 4.5 Semester- I
Course Code: IKS (G)
IKS- Generic: Indian Business Management
(Introduced from June 2024)

Time: 90 Minutes

Total Marks: 40 Marks

Question No. 1	a) Multiple Choice Questions (3 Questions - 4 alternatives each)	6 Marks
	b) Match the following (Two Columns-Four pairs)	2 Marks
	c) Two statements (Answering true or false)	2 Marks
Question No. 2	Write Short Notes (Any four out of six)	20 Marks
Question No. 3	Answer the following (Any one out two)	10 Marks

Internal Assessment

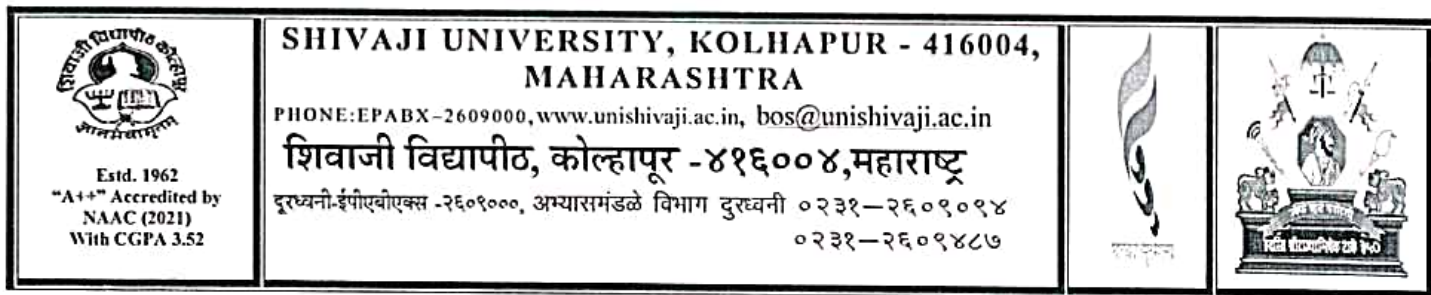
10 Marks

Shivaji University, Kolhapur
Programme: B. Com.
Level 4.5 Semester- I
Course Code: CC
Co-curricular Activities

(The student may participate in multiple co-curricular activities. However, as a part of credit structure, one of the following courses is to be selected by the student):

- NCC
- NSS
- Sports
- Cultural Activities
- Yoga and Fitness
- Health and Wellness
- *Vivek Vahini*

Note: For this course, follow the common syllabus and evaluation guidelines issued by the university separately.



SU/BOS/Science/144

Date: 23/02/2024

To,

The Principal, All Concerned Affiliated Colleges/Institutions Shivaji University, Kolhapur	The Head/Co-ordinator/Director All Concerned Department (Science) Shivaji University, Kolhapur.
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Subject: Regarding B.Sc. Part I IKS syllabi as per NEP-2020 under the Faculty of Science and Technology.

Sir/Madam,

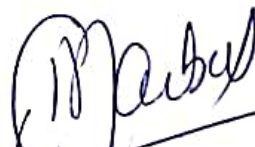
With reference to the subject mentioned above, I am directed to inform you that the university authorities have accepted and granted approval to the syllabi, nature of question paper of degree programme under the Faculty of Science and Technology.

No	Indian Knowledge System Syllabus
1.	Interdisciplinary Course in Generic IKS

This syllabus, shall be implemented from the academic year 2024-2025 onwards. A soft copy containing the syllabus is attached herewith and it is also available on university website www.unishivaji.ac.in NEP-2020@suk (Online Syllabus)

You are, therefore, requested to bring this to the notice of all students and teachers concerned.

Thanking you,


Dy Registrar
Dr. S. M. Kubal

Copy to:

1	The Dean, Faculty of Science & Technology	8	P.G. Admission/Seminar Section
2	Director, Board of Examinations and Evaluation	9	Computer Centre/ Eligibility Section
3	The Chairman, Respective Board of Studies	10	Affiliation Section (U.G.) (P.G.)
4	B.Sc. Exam/ Appointment Section	11	Centre for Distance Education

**B.Sc. (Part I) (Level 4.5) (Semester – I)
(NEP-2020)**

Syllabus to be implemented from Academic Year 2024-25

Title of Course: Interdisciplinary course in Generic IKS

Total Credits: 02; Lecture hours: 30 hours; 02 Lectures/ Week

Course Aims-

1. Creating awareness amongst the youths about the true history and rich culture of the country;
2. Understanding the scientific value of the traditional knowledge of Bhārata;
3. Promoting the youths to do research in the various fields of Bhāratiya knowledge system;
4. Converting the Bhāratiya wisdom into the applied aspect of the modern scientific paradigm;
5. Adding career, professional and business opportunities to the youths.

Course learning Objectives

1. To help to study the enriched scientific Indian heritage.
2. To help student to understand the knowledge, art and creative practices, skills and values in ancient Indian system.
3. To introduce the contribution from ancient Indian system & tradition to modern science & Technology.
4. Understanding the fundamental principles of Indian health systems such as Ayurveda and yoga which are useful in maintaining the human health.
5. Practical implementation of health principles to correct the intake of food, air, water and sunlight to achieve perfect health.
6. Understanding traditional way of cleansing the body regularly, strengthening body with Yogic exercises, maintaining the internal balance to prevent diseases.

Course Learning Outcomes:

1. Inculcate ayurvedic practices in health
2. Apply traditional knowledge for sustainability
3. Follow dincharya and daily regime and appropriate food for the maintenance of good health.

Syllabus-

Unit-I	1. Introduction to Indian Knowledge System	Lectures-15
	1.1 Introduction to IKS <ul style="list-style-type: none"> • Definition, Concept and Scope of IKS • IKS based approaches on Knowledge Paradigms • IKS in ancient India and in modern India 1.2 Importance of Health & Wellness in IKS <ul style="list-style-type: none"> • Ayurveda -Importance of Sleep and Food, • Role of water in wellbeing • Yoga and Triguna System .Healthy regimen to maintain state of wellbeing • Dinacharya, the Daily regimen including Daily detoxification, exercise, Intake of Food, Water, Air and Sunlight, work and ergonomics, Rest and sleep hygiene. 	
Unit-II	2. Life sciences, Environment, and Health	Lectures-15
	2.1 Life sciences, Environment, and Health <ul style="list-style-type: none"> • Life Science - Plants-Herbal medicines, Herbal preparations, modern herbal medicines , Herbal medicines from <i>Allium sativum</i> , Nutraceuticals, Traditional probiotic foods and 	

	their importance in human health <ul style="list-style-type: none"> • Ecology and Environment- Concept & structure of ecosystem, kinds of ecosystem, functions of ecosystem, • Āyurveda, Integrated Approach to Healthcare, Medicine, Microbiology, Medicine, Surgery, and Yoga, etc. 2.2 Basic principles of Food, Nutrition from Ayurveda <ul style="list-style-type: none"> • Understanding rich sources of nutrients • Concept of Doshas & assessment • Ayurvedic Principles of food habits and factors determining quality of food (Ahara vidhi visheshayatana) • FSSAI regulations on Ayurvedic Aahar 	
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Recommended Books:

1. Introduction to Indian Knowledge System- concepts and applications, B Mahadevan, Vinayak Rajat Bhat, Nagendra Pavana R N, 2022, PHI Learning Private Ltd, ISBN-978-93- 91818-21-02.
1. 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.
2. 2.Allium Sativum: Chemical Constituents, Medicinal Uses and Health Benefits [Plant science research and practices](#)- Nova Science Publishers, Incorporated, 2016.
3. 4.Ecology and Environment(BC-4)-by P.D. Sharma, Rastogi publications
4. <https://fssai.gov.in/> FSSAI Manual
5. Handbook of Nutraceuticals Volume I: Ingredients, Formulations, and Applications By Yashwant Vishnupant Pathak - Dattani Book Agency7
6. A textbook of Ayurvediya Physiology- Prof. Dr. Yogesh Chandra Mishra, Chaukhambha Publication, edition 2018,
7. Text Book for Environmental Studies by UGC, New Delhi

Reference Books:

1. Gambirananda, Swami, Tr. Upanishads with the Commentary of Sankarachrya. Kolkata: Advaita