



**Deccan Education Society's
Fergusson College (Autonomous)
Pune - 411004**

Curriculum for

Indian Knowledge Systems

(As per UGC / NEP - 2020 Guidelines)

**With effect from Academic Year
2023-2024**

Fergusson College (Autonomous), Pune
Proposed First Year Curriculum as per NEP 2020
Indian Knowledge Systems

Teaching and Evaluation

Semester	Subject Code	Title	No. of Hrs. per Week (Total-30 Hrs.)	Max. Marks	CE 40 %	ESE 60%	Credits
I	IKS-101	Indian Knowledge Systems	2	50	20	30	2

Admission Process

1. Students must be admitted for B. A. / B. Sc. / B. Voc. in Fergusson College.
2. Students must be enrolled for the Indian Knowledge Systems under NEP Guidelines.
3. Students must attend 2 hours per week and complete a total of 30 hours.

101-IKS (Indian Knowledge Systems)

Title of the Course and Course Code	IKS-101 Indian Knowledge Systems	Number of Credits: 02
Course Outcomes (COs) On completion of the course, the students will be able to:		Bloom's cognitive level
CO1	Explain the basic concepts of Indian Knowledge System (IKS)	1
CO2	Summarize the foundation of IKS and explain historical and cultural context of Indian knowledge systems.	2
CO3	Illustrate the terminology in IKS.	1
CO4	Get acquainted with the contribution of ancient India to various natural and life sciences.	2

IKS-101 (Indian Knowledge System)

Unit No.	Title of Units and Contents	No. of Hours
Unit I	IKS-An Overview: 1.1 Need of IKS, its definition, and its importance. 1.2 Unique Aspects of IKS. 1.3 Classification of the IKS texts.	5
Unit II	The Vocabulary of IKS: 2.1 Introduction to the concept of non-translatable terms in IKS. 2.2 Importance of proper terminology in ancient concepts. 2.3 The Foundational Concepts and Terms of knowledge traditions.	10
Unit III	Knowledge Schools in IKS: 3.1 Contribution of Indian Knowledge Systems in Natural Sciences. 3.2 Contribution of Indian Knowledge Systems in Social Sciences. 3.3 Performing Arts and Architecture in IKS.	10
Unit IV	Case Studies: 4.1 Foundational Aspects of Indian languages and linguistics. 4.2 Foundational Aspects of Indian Philosophical Systems. 4.3 Modern relevance or implementation of IKS.	5

References:

1. Introduction to Indian Knowledge System Concepts and applications by B. Mahadevan, Vinayak Bhat, Nagendra Pavana R. N.; 2022 (Prentice Hall of India).
2. Indian Knowledge Systems: Vol I and II, Kapil Kapoor and A. K. Singh; 2005 (D. K. Print World Ltd.).
3. The Beautiful Tree: Indigenous India Education I the Eighteenth Century, Dharampal, Biblia Impex, New Delhi, 1983. Reprinted by Keerthi Publishing House Pvt Ltd., Coimbatore, 1995.
4. Indian Science and Technology in the Eighteenth century, Dharampal. Delhi: Impex India, 1971. The British Journal for the History of Science.
5. The wonder that was India, Arthur Llewellyn Basham, 1954, Sedgwick & Jackson.
6. The India they saw series (foreigner visitors on India in history from 5CE to 17th century), Ed. Meenakshi Jain and Sandhya Jain, Prabhat Prakashan.

1	Concurrent Evaluation (20 marks)	End Semester Exam (30 marks)
2	Oral presentation (10) Assignments (10) OR Case Studies or Group Projects. (20)	<u>Summative</u> Objective type Short answers True / False Match the Pairs etc.