

<b>Program: B.COM/BCOM ECO.,BCOM ECO.&amp;ANA.,BMS,BSCIT,BMF</b>	<b>Semester: I</b>
<b>Course: Indian Knowledge Systems</b> <b>Academic Year: 2024-2025</b> <b>Batch: 2024-2028</b>	<b>Code:</b>

<b>Teaching Scheme</b>				<b>Evaluation Scheme</b>	
<b>Lecture</b>	<b>Practical</b>	<b>Tutorial</b>	<b>Credit</b>	<b>Internal Continuous Assessment (ICA) (weightage)</b>	<b>Term End Examinations (TEE) (weightage)</b>
<b>30</b>	<b>Nil</b>	<b>Nil</b>	<b>02</b>	<b>20</b>	<b>30</b>

**The Indian Knowledge Systems comprise of Jnan, Vignan and Jeevan Darshan that have evolved out of experience, observation, experimentation and rigorous analysis.**

**This course aims at acquainting students about research done in the fields like Health Care, Psychology, Sustainable development, Mathematics, Architecture and enabling them to further contribute in these fields.**

<b>Internal Component</b>	
<b>Class Test (Duration 20 Mins)</b> <b>10 Marks</b>	<b>Projects / Assignments</b> <b>10 Marks</b>

**Learning Objectives:**

1. To spread knowledge about rich heritage of our country and traditional knowledge in various fields.
2. To acquaint students about developments in the field of mathematics, technology, and architecture.
3. To bring comprehensive understanding about Yoga as a way of Healthy lifestyle.
4. Application of these concepts in today's scenario for quality life and social development.

**Learning Outcomes:**

1. Students will enable to expand knowledge about the rich culture and knowledge systems of India.
2. Students get acquainted about the traditional methods of calculations and developments in the field of mathematics, technology, and architecture.
3. Students will enhance the understanding of Yogic lifestyle and its benefits for physical and mental health.
4. Analyse and apply the relevance and the contribution of Indian thinkers in the field of Mathematics, technology, yogic lifestyle for Sound Health.

**Pedagogy:**

1. Techniques such as Reviews, Analysis of Cases to promote critical thinking & to create motivated and independent learners.
2. Group activities such as Role plays, group assignments to enable learners to work together in a social environment and learn through sharing of individual information & experience.

3. Discussion of real-life problem active learning.
4. Flipped Classroom approach to enhance learner engagement.

**Each lecture session would be of one-hour duration (30 sessions)**

Module	Module Content	Module Wise Duration (hrs)
I	<p><b>Unit 1: Overview of Indian Knowledge Systems</b></p> <ul style="list-style-type: none"> <li>• Importance of Ancient Knowledge</li> <li>• Defining Indian knowledge system</li> <li>• IKS corpus- A classification</li> <li>• Unique aspects of IKS</li> <li>• Nuances of an Oral Tradition</li> <li>• Typical presentation Style: Sutras, Encryptions</li> </ul>	10
II	<p><b>Unit 2: Science, Engineering and Technology</b></p> <ul style="list-style-type: none"> <li>• Salient features of Indian Numerical system</li> <li>• The concept of Zero and its importance</li> <li>• Measurement of Time, Distance and Weight</li> <li>• Pingala and the Binary System</li> <li>• Science of Indian Architecture (Vastu-Shastra)</li> <li>• Eight limbs of Vastu</li> <li>• Town planning</li> <li>• Temple Architecture</li> </ul>	10
III	<p><b>Unit 3: Health Wellness and Psychology</b></p> <ul style="list-style-type: none"> <li>• Yoga way of life (Relevance to Health and Wellness)</li> <li>• Indian approach to Psychology</li> <li>• The Triguna system</li> <li>• The body-mind-intellect-consciousness Complex</li> <li>• Disease Management and Diagnostic techniques</li> <li>• Sleep and Food – importance to health</li> <li>• Drugs and Physical Therapy</li> </ul>	10

## **References :**

1. B. Mahadevan, Vinayak Bhat, Nagendra Pavana R.N. (2023). Introduction to Indian Knowledge System: Concepts and Applications, Delhi: PHI Learning Pvt. ltd.
2. Amit Jha, 1 January 2023. Traditional Knowledge System In India, Atlantic Publisher & Distributers.
3. Sahana Singh, 16 August 2021, Revisiting The Educational Heritage Of India, Vitasta Publishing Private Limited

## **Evaluation Pattern**

### **Details of Continuous Assessment (ICA)- 20 Marks**

<b>Continuous Assessment</b>	<b>Details</b>	<b>Marks</b>
<b>Component 1 (ICA-1)</b>	Internal class test (online or offline) MCQs/Explain the concepts/Answer in brief/Case study or application-based questions.	<b>10 marks</b>
<b>Component 2 (ICA-2)</b>	Presentations/Project Work/ Viva- Voce/ Book Review/ Field visit & its presentations/ Documentary filming/ Assignments/ Group Discussions Etc.	<b>10 marks</b>

### **Details of Semester End Examination (TEE)- 30 Marks    Duration: One hour**

#### **End Semester Examination: Paper pattern (Bloom's Taxonomy will be followed)**

<b>Q. No.</b>	<b>Particulars</b>	<b>Marks</b>
Q.1. Unit 1.	A. Answer in Brief OR B. Answer in Brief	<b>8</b>
Q.2. Unit 2.	A. Answer in Brief OR B. Answer in Brief	<b>8</b>
Q.3. Unit 3.	A. Answer in Brief OR B. Answer in Brief	<b>8</b>
Q.4. (All Units)	Write Short notes on the following (Any 2 out of 3)	<b>6</b>

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