## ESSENCE OF INDIAN TRADITIONAL KNOWLEDGE

### III Semester: Common for all branches

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Category</th>
<th>Hours / Week</th>
<th>Credits</th>
<th>Maximum Marks</th>
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<td>AHSC10</td>
<td>Mandatory</td>
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<td>Contact Classes: Nil</td>
<td>Tutorial Classes: Nil</td>
<td>Practical Classes: Nil</td>
<td>Total Classes: Nil</td>
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**Prerequisite:** No Prerequisites

### COURSE OBJECTIVES:
The course should enable the students to:

I. Understand the concept of Traditional knowledge and its importance
II. Know the need and importance of protecting traditional knowledge.
III. Know the various enactments related to the protection of traditional knowledge.
IV. Understand the concepts of Intellectual property to protect the traditional knowledge

### MODULE-I  INTRODUCTION TO TRADITIONAL KNOWLEDGE
Define traditional knowledge, nature and characteristics, scope and importance, kinds of traditional knowledge, the physical and social contexts in which traditional knowledge develop, the historical impact of social change on traditional knowledge systems. Indigenous Knowledge (IK), characteristics, traditional knowledge vis-à-vis indigenous knowledge, traditional knowledge Vs western knowledge traditional knowledge vis-à-vis formal knowledge

### MODULE-II  PROTECTION OF TRADITIONAL KNOWLEDGE
Protection of traditional knowledge: The need for protecting traditional knowledge Significance of TK Protection, value of TK in global economy, Role of Government to harness TK.

### MODULE-III  LEGAL FRAMEWORK AND TK
A: The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006, Plant Varieties Protection and Farmer's Rights Act, 2001 (PPVFR Act);


### MODULE-IV  TRADITIONAL KNOWLEDGE AND INTELLECTUAL PROPERTY
Systems of traditional knowledge protection, Legal concepts for the protection of traditional knowledge, Certain non IPR mechanisms of traditional knowledge protection, Patents and traditional knowledge, Strategies to increase protection of traditional knowledge, global legal FORA for increasing protection of Indian Traditional Knowledge.

### MODULE-V  TRADITIONAL KNOWLEDGE IN DIFFERENT SECTORS:
Traditional knowledge and engineering, Traditional medicine system, TK and biotechnology, TK in agriculture, Traditional societies depend on it for their food and healthcare needs, Importance of conservation and sustainable development of environment, Management of biodiversity, Food security of the country and protection of TK. 139.

### Text Books:
2. Traditional Knowledge System and Technology in India by Basanta Kumar Mohanta and Vipin Kumar Singh, Pratibha Prakashan 2012.

### Reference Books:
2. "Knowledge Traditions and Practices of India" Kapil Kapoor1, Michel Danino2