

Discipline: CIVIL	Semester: 4th	Name of the Teaching Faculty: SANGRAM MISHRA
Subject: ESSENCE OF INDIAN KNOWLEDGE AND TRADITION	No. Of Days/per week class allotted: 2	From Date: 22-12-2026 To Date:18-4-2026 No. Of Weeks: 15
Week	Class	Topics to be covered
1st	1	UNIT-1: Introduction to Traditional Knowledge Definition of Traditional Knowledge
	2	Nature and Characteristics of TK
2nd	1	Scope and Importance of TK
	2	Kinds of TK: Ayurveda, Unani, Siddha
3rd	1	Indigenous Knowledge (IK): Meaning & Characteristics
	2	TK vs IK (Comparison)
4th	1	Traditional Knowledge of Odisha
	2	UNIT-2: Protection of Traditional Knowledge Need for Protecting TK
5th	1	Significance of TK Protection
	2	Value of TK in Global Economy
6th	1	Threats to Traditional Knowledge
	2	Role of Government in Harnessing TK
7th	1	TK Digital Library (TKDL)
	2	Review & Assessment
8 th	1	UNIT-3: Legal Framework and Traditional Knowledge Forest Rights Act, 2006
	2	PPVFR Act, 2001
9 th	1	Biological Diversity Act, 2002
	2	Biodiversity Rules, 2004
10 th	1	Protection of TK Bill, 2016
	2	Review & Case Studies
11 th	1	UNIT-4: Traditional Knowledge and Intellectual Property Systems of TK Protection
	2	Legal Concepts & Patents
12 th	1	Strategies for TK Protection
	2	

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		Geographical Indications (GI)
13 th	1	UNIT-5: Traditional Knowledge in Different Sectors TK and Engineering
	2	Traditional Medicine Systems
14 th	1	TK in Agriculture
	2	TK and Food & Healthcare
15 th	1	Biodiversity & Sustainable Development
	2	Food Security & Protection of TK

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