

DISCIPLINE: Electrical & Electronics Engg.	SEMESTER: 4 th Semester	NAME OF THE TEACHING FACULTY: Ms.Manasini Nayak, PTGF IN English
SUBJECT: ESSENCE OF INDIAN KNOWLEDGE AND TRADITION	NO OF DAYS/PER WEEK CLASSES ALLOTTED:2	SEMESTER FROM DATE: 22.12.2025 TO DATE: 18.04.2026 NO OF WEEKS:15

Week	Class Day	Topics
1 st		1. Introduction to traditional knowledge.
	1st	Define traditional knowledge, nature and characteristics,
	2nd	scope and importance, kinds of traditional knowledge (Unani / Siddha/ Ayurveda),
2 nd	1st	Indigenous Knowledge (IK),
	2nd	Characteristics,
3 rd	1st	traditional knowledge vis-a-vis indigenous knowledge,
	2nd	Traditional knowledge of Odisha.
4 th	1st	ASSIGNMENT
		2. Protection of traditional knowledge (TK).
	2nd	The need for protecting traditional knowledge,
5 th	1st	Significance of TK Protection,
	2nd	value of TK in global economy,
6 th	1st	Role of Government to harness TK,
	2nd	Assignment
7 th	1st	CLASS NOTE REVISION
	2nd	CLASS TEST
8 th		3. Legal framework and TK.
	1st	The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006,
	2nd	Plant Varieties Protection and Farmer's Rights Act,
9 th	1st	2001 (PPVFR Act);
	2nd	The Biological Diversity Act 2002 and Rules 2004,
10 th	1st	The protection of traditional knowledge bill, 2016.
	2nd	ASSIGNMENT
11 th		4. Traditional knowledge and intellectual property.
	1st	Systems of traditional knowledge protection,
	2nd	Legal concepts for the protection of traditional knowledge,
12 th	1st	Patents and traditional knowledge, Strategies to increase protection of traditional knowledge,
	2nd	Geographical Indications (GI).
13 th		5. Traditional Knowledge in Different Sector.
	1st	Traditional knowledge and 06 25 engineering, Traditional medicine system,
	2nd	TK in agriculture, Traditional societies depend on it for their food and healthcare needs,
14 th	1st	ASSIGNMENT
	2nd	Importance of conservation and sustainable development of environment,
15 th	1st	Management of biodiversity, Food security of the country and protection of TK.
	2nd	CLASS TEST

M. Nayak
22/12/25
Lecturer

Principal
22.12.25
HOD

Principal
22/12/25

