LESSON PLAN

Discipline: **Metallurgical Engineering**	Semester: 4th Semester	Name of the Teaching Faculty: **Ms Sitanjali Khuntia**
Subject: **Essence of Indian Knowledge and Tradition** Sub code: **AU202**	No of days /week class allotted:**02/week**	Semester from Date: 22/12/2025 to 18/04/2025 No of weeks:

Month	*week*	*No of periods available*	*Class Day*	*Theory topics*
Dec	3rd	2P	23/12/25	Introduction to traditional knowledge: Define traditional knowledge, nature and characteristics, scope and importance, kinds of traditional knowledge (Unani / Siddha/ Ayurveda)
	4th	2P	30/12/26	Indigenous Knowledge (IK), characteristics, traditional knowledge vis-a-vis indigenous knowledge, traditional knowledge of Odisha
	2nd	2P	06/01/26	Protection of traditional knowledge (TK): The need for protecting traditional knowledge, Significance of TK Protection, value of TK in global economy, Role of Government to harness TK.
		2P	08/01/26	Protection of traditional knowledge (TK): The need for protecting traditional knowledge, Significance of TK Protection, value of TK in global economy, Role of Government to harness TK.
	4TH	2P	20/01/26	Legal framework and TK: The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006
			27/01/26	Quiz
Feb	1ST	2P	03/02/26	Plant Varieties Protection and Farmer's Rights Act, 2001 (PPVFR Act)
	2ND	2P	10/02/26	Plant Varieties Protection and Farmer's Rights Act, 2001 (PPVFR Act); The Biological Diversity Act 2002 and Rules 2004, the protection of traditional knowledge bill, 2016.
	3RD	2P	17/02/26	Traditional knowledge and intellectual property: Systems of traditional knowledge protection
	4TH	2P	24/02/26	Legal concepts for the protection of traditional knowledge, Patents and traditional knowledge, Strategies to increase protection of traditional knowledge, Geographical Indications (GI)
March	1ST	2P	10/03/26	Traditional Knowledge in Different Sectors: Traditional knowledge and engineering, Traditional medicine system, TK in agriculture
	3RD	2P	17/03/26	Traditional societies depend on it for their food and healthcare needs
	4TH	2P	24/03/26	Importance of conservation and sustainable development of environment, Management of biodiversity, Food security of the country and protection of TK
		2P	31/03/26	Importance of conservation and sustainable development of environment, Management of biodiversity, Food security of the country and protection of TK
Apr	2ND	2P	07/04/26	Quiz

22.12.25

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