

LESSON PLAN

SUB: ESSENCE OF INDIAN KNOWLEDGE AND TRADITION

BRANCH:- COMPUTER SCIENCE& ENGG.

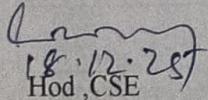
SEMESTER:4th

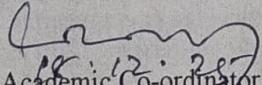
NAME OF FACULTY: ABHISHEK PADHI (GF in CSE)

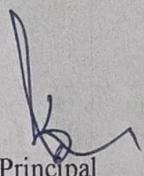


GOVERNMENT POLYTECHNIC,
BHADRAK

SESSION: 2025-26


18.12.28
Hod, CSE


18.12.28
Academic Co-ordinator
Academic Co-ordinator


Principal

Govt. Polytechnic, Bhadrak

Discipline: Computer Science & Engineering	Semester: 4 th , Summer/2025	Name of the Faculty: ABHISHEK PADHI Email ID: abhishekpadhi24@gmail.com
Subject: ESSENCE OF INDIAN KNOWLEDGE AND TRADITION, AU 202	No. of Days/week: 02	Start Date: 22.12.2025 End Date: 18.04.2026

Week	Class Day	Practical Topics
1st	1st	Introduction to traditional knowledge Define traditional knowledge,
	2nd	Nature, scope , characteristic ,kind traditional knowledge
2nd	1st	Traditional knowledge vis-à-vis indigenous knowledge(IK), Traditional knowledge of Odisha
	2nd	Traditional knowledge of Odisha, Protection of traditional knowledge (TK)
3rd	1st	The need for Protection of traditional knowledge, Significance of Tk protection
	2nd	Value of Tk on global economy, Role of Government harness Tk
4th	1st	Role of Government harness Tk, Legal frame work & Tk
	2nd	The scheduled Tribes & other traditional forest Dwellers Act 2006, Plant varieties protection & farmer's right Act 2001
5th	1st	The Biological Diversity Act 2002 & rules 2004, The protection of traditional knowledge bill 2016
	2nd	The protection of traditional knowledge bill 2016, , Legal frame work & Tk
6th	1st	Intellectual property, Systems & patents of traditional knowledge
	2nd	Legal concepts for the protection of traditional knowledge, Geographical indications(GI)
7th	1st	Traditional knowledge & engineering , Traditional medicine system, Tk in agriculture
	2nd	Importance of conservation & sustainable development of environment, Management of biodiversity, Food security of the country, Protection of Tk
8th	1st	Traditional knowledge & engineering , Traditional medicine system, Tk in agriculture
	2nd	Importance of conservation & sustainable development of environment, Management of biodiversity, Food security of the country, Protection of Tk
9th	1st	Importance of conservation & sustainable development of environment, Management of biodiversity, Food security of the country, Protection of Tk
	2nd	Traditional knowledge & engineering , Traditional medicine system, Tk in agriculture
10th	1st	Legal concepts for the protection of traditional knowledge
	2nd	Importance of conservation & sustainable development of environment

11th	1st	Management of biodiversity
	2nd	Protection of Tk
12th	1st	Intellectual property
	2nd	Geographical indications(GI)
13th	1st	Role of Government harness Tk
	2nd	REVISION
14th	1st	ASSESSMENT
	2nd	QUIZ TEST
15th	1st	Discussion of previous year question answer
	2nd	Discussion of previous year question answer

Abhishek Pathak
Signature of faculty