



SNS COLLEGE OF ENGINEERING

Kurumbapalayam (Po), Coimbatore – 641 107

An Autonomous Institution

Accredited by NBA – AICTE and Accredited by NAAC – UGC with 'A' Grade
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

DEPARTMENT OF COMPUTER SCIENCE AND DESIGN

COURSE NAME : 19MC003 ESSENCE OF INDIAN TRADITIONAL KNOWLEDGE

III YEAR / VI SEMESTER

Unit IV- Traditional knowledge and intellectual property

Topic 1 : Traditional knowledge and intellectual property

**Traditional knowledge and intellectual property / 19MC003 ESSENCE OF INDIAN
TRADITIONAL KNOWLEDGE /HARIBABU.S/CSD/SNSCE**



Introduction

- Definition of Traditional Knowledge (TK)
- Importance of protecting TK
- Role of Intellectual Property (IP) in safeguarding TK

The Link Between Traditional Knowledge and Intellectual Property

- TK as a valuable intangible asset
- IP laws used to protect TK (Patents, Copyrights, Trademarks, Geographical Indications, Trade Secrets)
- Challenges in applying conventional IP laws to TK



International Legal Frameworks for TK Protection

- **Convention on Biological Diversity (CBD)** (1992) - Access and Benefit Sharing (ABS)
- **Nagoya Protocol** (2010) - Strengthening the ABS principle
- **World Intellectual Property Organization (WIPO)** - Traditional Knowledge and Folklore Division
- **UNESCO and Traditional Cultural Expressions (TCEs)**



Intellectual Property Rights (IPR) and TK Protection

- **Patents:** Issues with patenting indigenous knowledge
- **Copyrights:** Protecting traditional literature, art, and music
- **Trademarks:** Protecting traditional symbols and product names
- **Geographical Indications (GI):** Protecting region-specific traditional products (e.g., Darjeeling tea, Basmati rice)
- **Trade Secrets:** Confidential TK used in traditional medicine and crafts



Challenges in Protecting TK Through IP Laws

- Defining ownership of TK
- Conflict between customary laws and formal IP systems
- Documentation vs. oral traditions
- Ensuring fair and equitable benefit-sharing
- Cross-border protection issues



Solutions and Future Directions

- Developing sui generis (customized) legal systems for TK protection
- Strengthening community participation in policymaking
- Using digital tools like TKDL for defensive protection
- Promoting awareness and capacity-building initiatives
- Enhancing international cooperation on TK governance



Any Query????

Thank you.....