



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 III- Legal framework and TK

Topic 5 : The protection of traditional knowledge bill, 2016.



The Protection of Traditional Knowledge Bill, 2016

- Aims to recognize and safeguard traditional knowledge held by communities
- **Key Provisions:**
 - Establishment of a **Traditional Knowledge Authority**
 - **Mandatory consent** of indigenous communities for commercial use
 - Protection against biopiracy and unauthorized patents
 - **Traditional Knowledge Register** for documentation and preservation
 - Equitable benefit-sharing mechanisms for TK holders



Challenges in TK, Biodiversity, Forest Rights, and Farmers' Rights Protection

- Lack of legal harmonization
- Difficulties in defining ownership
- Documentation vs. oral traditions
- Ensuring equitable benefit sharing
- Implementation challenges in FRA, 2006; PPVFR Act, 2001; Biodiversity Act, 2002; and Protection of TK Bill, 2016



Case Studies

- Neem patent case (India)
- Basmati rice controversy
- Hoodia plant and San community (South Africa)
- Forest Rights implementation challenges in India
- Farmers' Rights case studies under PPVFR Act
- Biodiversity conservation success stories in India
- Protection of TK case studies



Future Directions

- Strengthening international cooperation
- Developing sui generis (customized) protection systems
- Role of digital tools in TK, biodiversity, forest rights, and farmers' rights preservation
- Raising awareness and capacity-building efforts



Conclusion

- Need for balanced legal frameworks
- Importance of recognizing and respecting indigenous knowledge, biodiversity, forest rights, and farmers' rights
- Call for stronger community participation in policymaking



Any Query????

Thank you.....