

# **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 ENGINEERING COURSE NAME : 19MC003 - ESSENCE OF INDIAN TRADITIONAL KNOWLEDGE**

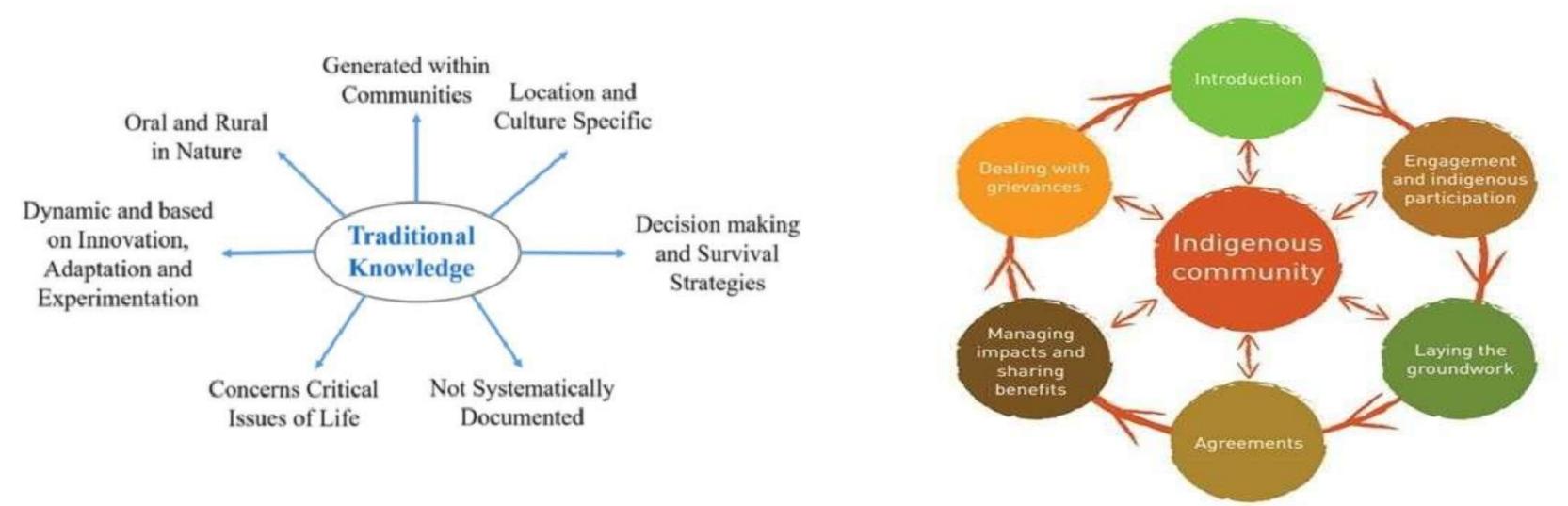
## **III YEAR /VI SEMESTER UNIT I – Introduction To Traditional Knowledge**

**Topic** 7: Traditional knowledge vis-a-vis Indigenous knowledge,

**TK vis-a-vis IK/19MC003/ESSENCE OF INDIAN TRADITIONAL KNOWLEDGE/MS.R.SARASWATHI/CST/SNSCE** 







TK vis-a-vis IK/19MC003/ESSENCE OF INDIAN TRADITIONAL KNOWLEDGE/MS.R.SARASWATHI/CST/SNSCE





Indigenous Knowledge	Modern Science Knowled
Communication is usually oral	Communication is usually w
Forecast methods are rarely documented	Forecast methods are docur more developed
Use nature/environment for climate indicators as well as spiritual methods	Measurable use of weather a meteorological data
Description is based on spiritual and social values	Explanation is theoretical
Taught by experienced and observation	Taught through lectures and
Applied at a local level	Lacks relevance at the local
Refers to rainfall duration and distribution and it is aligned to crop-weather indicators	Refers to rainfall quantity at
Mainly language-based and qualitative	It is number-based
It is holistic and covers variables qualitatively	Quantitatively and covers a of variables

# TK vis-a-vis IK/19MC003/ESSENCE OF INDIAN TRADITIONAL KNOWLEDGE/MS.R.SARASWATHI/CST/SNSCE

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Indigenous Knowledge	Scientific Knowledge
assumed to be the truth	assumed to be a best approximation
sacred and secular together	secular only
teaching through storytelling	didactic
learning by doing and experiencing	learning by formal education
oral or visual	written
integrated, based on a whole system	analytical, based on subsets of whole
intuitive	model- or hypothesis-based
holistic	reductionist
subjective	objective
experiential	positivist

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# **Thank You**

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