

21AGRO101 AGRICULTURE HERITAGE

Hours Per Week :

L	T	P	C
1	0	0	1

Total Hours :

L	T	P
15	-	-

Course Description and Objectives:

The purpose of this course is to make the students to understand the evolution of agriculture and value of Indigenous knowledge for productive and sustainable development of Indian Agriculture

Course Outcomes:

Upon completion of the course, the student will be able to achieve the following outcomes:

COs	Course Outcomes
1	Understand the importance of Agricultural heritage and gain knowledge on the evolution of agriculture over time from Vedic to modern era with a vision for the Future
2	Harness and utilize ancient agricultural practices and Indigenous Technology Knowledge (ITK) along with Modern agricultural practices for sustainable use of resources
3	Students will learn about importance of agriculture and agricultural resources available in India

SKILLS:

- ✓ Familiarize with Indigenous Technology Knowledge (ITK)



Source :

<http://worldagriculturalheritage.org>

ACTIVITIES:

- o Visit to heritage sites
- o Practice indigenous technology knowledge (ITK) practices

UNIT - 1

Introduction: Introduction of Indian agricultural heritage, status of farmers in society, advice by sages to kings on their duties towards farmers

UNIT - 2

Soil, Crop & Water management: Soil management in ancient, medieval & pre-modern India and its relevance in modern day sustainable agriculture, heritage of crop & water management, plant growth and development & plant protection through vrikshayurveda and traditional knowledge

UNIT - 3

Heritage: Heritage of medicinal plants and their relevance today, seed health in ancient & medieval history and its relevance to present day agriculture

UNIT - 4

Description: Description of Indian civilization and agriculture by travellers from China, Europe and United States, our journey in agriculture

UNIT - 5

Green revolution: Green revolution and its impact and concerns, vision for the future

REFERENCES :

1. Choudary S.L, Sharma, G.S, and Nene, Y.L (eds). 2000. Ancient and Medieval History of Indian agriculture and its relevance to sustainable agriculture in the 21st century; Proceedings of the summer school held from 28 May to 17 June 1999. Rajasthan college of Agriculture, Udaipur 313001
2. Nene, Y.L (Ed). 2005. Agricultural Heritage of Asia proceedings of the international conference, 6-8 December 2004, Asian-Agri history Foundation, Secunderabad- 500 009, Andhra Pradesh, India
3. Nene, Y.L 2007. Glimpses of Agricultural heritage of India. Asian- Agri- History Foundation, 47 – ICRISAT Colony-1 Brig sayeed Road, Secunderabad -500009 A.P India 901PP ISBN-81-903963-0-7