

INSTITUTE	FACULTY OF AGRICULTURE
PROGRAM	BACHELOR OF SCIENCE (Hons.) AGRICULTURE
SEMESTER	1
COURSE TITLE	AGRICULTURAL HERITAGE
COURSE CODE	16AS0101
COURSE CREDITS	1

Objective:

- 1 To increase awareness of the rich heritage of the Indian agriculture which is unique than any other civilization.
- 2 To implant a sense of pride amongst the agricultural students as our agriculture has sustainable practices for generation and stimulate scientific research based on tradition technology.

Course Outcomes: After completion of this course, student will be able to:

- 1 Students will learn about the concept and importance of agricultural heritage of India.
- 2 Students will also gain knowledge about the scope, future prospects and rising concerns of agriculture.
- 3 Students will understand various indigenous and modern agricultural practices in relation to past and present agricultural scenario.
- 4 Students will classify crops based on botanical and agronomic criteria's.

Pre-requisite of course: Agricultural heritage denotes the value and traditional practices adopted in ancient India which are more relevant for present day system

Teaching and Examination Scheme

Theory Hours	Tutorial Hours	Practical Hours	ESE	IA	CSE	Viva	Term Work
1	0	0	50	30	20	0	0

Contents : Unit	Topics	Contact Hours
1	Introduction of Indian agricultural heritage; Ancient agricultural practices, Relevance of heritage to present day agriculture. Introduction of Indian agricultural heritage; Ancient agricultural practices, Relevance of heritage to present day agriculture.	2
2	Past and present status of agriculture and farmers in society Past and present status of agriculture and farmers in society	1

Contents : Unit	Topics	Contact Hours
3	Journey of Indian agriculture and its development from past to modern era. Plant production and protection through indigenous traditional knowledge. Journey of Indian agriculture and its development from past to modern era. Plant production and protection through indigenous traditional knowledge.	3
4	Crop voyage in India and world Crop voyage in India and world	1
5	Agriculture scope; importance of agriculture and agricultural resources available in India Agriculture scope; importance of agriculture and agricultural resources available in India	2
6	Crop significance and classifications. National agriculture set up in India. Current scenario of Indian agriculture. Indian agricultural concerns and future prospects Crop significance and classifications. National agriculture set up in India. Current scenario of Indian agriculture. Indian agricultural concerns and future prospects	3
Total Hours		12

Textbook :

- 1 A textbook on Ancient History of Indian Agriculture, Saxena, R.C., Choudhary, S.L. and Nene, Y.L., Munshiram Manoharlal Publishers Pvt. Ltd. New Delhi. , 2009

References:

- 1 Indian Agricultural Heritage, Indian Agricultural Heritage, Subrahmanyam, C. B. S., Green Infrastructure Projects Pvt. Ltd. Bangalore. , 2014
- 2 Glimpses of the Agricultural Heritage of India, Glimpses of the Agricultural Heritage of India, Nene, Y. L., Asian Agri. History Foundation, Secunderabad , 2007

Suggested Theory Distribution:

The suggested theory distribution as per Bloom's taxonomy is as follows. This distribution serves as guidelines for teachers and students to achieve effective teaching-learning process

Distribution of Theory for course delivery and evaluation					
Remember / Knowledge	Understand	Apply	Analyze	Evaluate	Higher order Thinking
25.00	25.00	20.00	10.00	10.00	10.00

Instructional Method:

- 1 The course delivery method will depend upon the requirement of content and need of students. The teacher in addition to conventional teaching method by black board may also use any of tools such as demonstration, role play, quiz, brain storming, MOOCs etc.

Instructional Method:

- 2 The internal evaluation will be done on the basis of continuous evaluation of students in the class-room.
- 3 Students will use supplementary resources such as online videos, NPTEL videos, e-courses, Virtual Laboratory.