

TEACHING PLAN: Practical Crop Production -I (Kharif crops)

SCHOOL: (SOAS) SCHOOL OF AGRICULTURAL SCIENCES		ACADEMIC SESSION: 2023 – 2024		FOR STUDENTS' BATCH: 2021-2025		
1	Course No.	AAG-T-303				
2	Course Title	Practical Crop Production -I (Kharif crops)				
3	Credits	1+1				
4	Learning Hours		Contact Hours	72		
			Assessment	9		
			Guided Study	9		
			Total hours	90		
5	Course Objective	1. To know about crop planning 2. To know about field crops 3. To know about nutrient water management 4. TO know about the insect disease management				
6	Course Outcomes	1. In the course study students will be acquainted with the knowledge of profitable crop production technology. 2. Course content will help to students/farmers about ruminative crop production techniques. 3. It helps to adopt diversified farming system according to available farming situation. 4. It will assist to encourage the sustainable agriculture system. 5. Profitable based farming system can we adopted with the help of course content				
7	Outline syllabus:					
7.01	Paper Code	Unit	Introduction	Page Numbers ¹	Lectures	
7.02	AAG-T-303	Unit I	1. Crop planning, raising field crops in multiple cropping systems: Field preparation, seed, treatment, nursery raising, sowing, nutrient, water and weed management and management of insect-pests diseases of crops,			
		Unit II	1. Harvesting, threshing, drying winnowing, storage and marketing of produce.			
		Unit III	1. The emphasis will be given to seed production, mechanization, resource conservation and integrated nutrient, insect-pest and disease management technologies.			
		Unit IV	1. Preparation of balance sheet including cost of cultivation, net returns per student as well as per team of 8-10 students.			
8	Course Evaluation					
8.1	CA: 10%					
8.1.1	Attendance	50%				
8.1.2	Homework	2 Assignments, 50%				
8.1.3	Quizzes					
8.1.4	Projects	25%				

8.1.5	Presentat ion	-
8.1.6	Any other	Practical Examination- 50%
8.2	MTE	10%
8.3	End-term examination: 50%	
9	Text Books & References	
9.1	Text book	<ol style="list-style-type: none"> 1. Field crops Production, Foodgrain crops Volume-I, by Dr. Rajendra Prasad, Indian Council of Agricultural Research, New Delhi. 2. Field crop Production, Commercial crops Volume-II by Dr. Rajendra Prasad, Indian Council of Agricultural Research, New Delhi.
9.2	References	<ol style="list-style-type: none"> 1. Principles of Crop production, by Reddy SR, Kalyani publications. 2. Modern techniques of raising field crops Chhidda Singh, Prem Singh and Rajbir Singh 3. Crops of India N.R.Das 4. Principles Of Crop Production, by S.R REDDY, C NAGAMANI, Kalyani Publications. 5. A Manual on Crop Production Technology (Kharif and Kharif), Lokesh Kumar Jain 6. Agronomy of field crops S.R. Reddy. 7. Crop Production Technology I & II – Kharif and Rabi Crops – As per 5th Deans Committee Recommendations, B. S. Lalitha, N. Mavarkar, B. R. Premalatha, 2020
9.3	Video References	1.

Outcome no. → Syllabus topic↓	1	2	3	4	5
Paper Code. Unit I (1)	✓	✓	✓	✓	✓
Paper Code. Unit II (1)	✓				✓
Paper Code. Unit III(1)	✓	✓	✓	✓	
Paper Code. Unit IV (1)	✓				✓