

ACADEMIC PROGRAMME

Semester wise course and credits Allocation

S. No	Course Title	Credit Hours	EVALUATION SCHEME					
			Quiz/Assessment	Mid - Term	Internal Assessment Mid -Term (Pr.)	Class Participation & EC/CC	Practical	ESE
First year								
I Semester								
1.	Deeksharambh (Induction cum Foundation course)	1 week (NG) Non-gradial	-	-	-	-	-	-
2.	Skill Enhancement course-I*	2(0+2)	10	-	30	10	50	-
3.	Skill Enhancement course-II*	2(0+2)	10	-	30	10	50	-
4.	Communication Skills	2(1+1)	10	20	-	10	20	40
5.	Farming based livelihood systems	3(2+1)	10	20	-	10	20	40
6.	Rural Sociology and Educational Psychology	2 (2+0)	10	30	-	10	-	50
7.	Fundamentals of Agronomy	3(2+1)	10	20	-	10	20	40
8.	Fundamentals of Soil Science	3(2+1)	10	20	-	10	20	40
9.	Fundamentals of Horticulture	3(2+1)	10	20	-	10	20	40
10.	National Service Scheme (NSS-I)/ National Cadet Corps (NCC-I)	1(0+1)	10	-	30	10	50	-
11.	Introductory mathematics (need based)	1(1+0) Non gradial	10	30	-	10	-	50
	Total credit hours	21(11+10)						

S. No	Course Title	Credit Hours	EVALUATION SCHEME					
			First year			II Semester		
			Quiz/Assessment	Mid - Term	Internal Assessment Mid -Term (Pr.)	Class Participation & EC/CC	Practical	ESE
12.	Skill Enhancement course-III*	2(0+2)	10	-	30	10	50	-
13.	Skill Enhancement course-IV*	2(0+2)	10	-	30	10	50	-
14.	Personality Development	2(1+1)	10	20	-	10	20	40
15.	Environmental Studies and Disaster Management	3(2+1)	10	20	-	10	20	40
16.	Soil Fertility Management	3 (2+1)	10	20	-	10	20	40
17.	Fundamentals of Entomology	3(2+1)	10	20	-	10	20	40
18.	Livestock and Poultry Management	2(1+1)	10	20	-	10	20	40
19.	Fundamentals of Plant Pathology	3(2+1)	10	20	-	10	20	40
20.	NCC-II/NSS-II 1(0+1)	1(0+1)	10	-	30	10	50	-
21.	Total credit hours	21(11+10)						

S. No	Course Title	Credit Hours	EVALUATION SCHEME						
			Second year			Quiz/Assessment	Mid - Term	Internal Assessment Mid -Term (Pr.)	Class Participation & EC/CC
III Semester									
22.	Skill Enhancement course-V*	2(0+2)	10	-	30	10	50	-	
23.	Entrepreneurship Development and Business Communication	3(2+1)	10	20	-	10	20	40	
24.	Physical Education, First Aid, Yoga Practices and Meditation	2(0+2)	10	-	30	10	50	-	
25.	Principles of Genetics	3(2+1)	10	20	-	10	20	40	
26.	Crop Production Technology-I (Kharif crops)	3(1+2)	10	20	-	10	20	40	
27.	Production Technology of Fruit and Plantation Crops	2(1+1)	10	20	-	10	20	40	
28.	Fundamentals of Extension Education	2(1+1)	10	20	-	10	20	40	
29.	Fundamentals of Nematology	2(1+1)	10	20	-	10	20	40	
30.	Principles and Practices of Natural Farming	2(1+1)	10	20	-	10	20	40	
	Total credit hours	21(9+12)							

S. No	Course Title	Credit Hours	EVALUATION SCHEME					
			Second year			IV Semester		
			Quiz/Assessment	Mid - Term	Internal Assessment Mid -Term (Pr.)	Class Participation & EC/CC	Practical	ESE
31.	Skill Enhancement course-VI*	2(0+2)	10	-	30	10	50	-
32.	Agricultural Informatics and Artificial Intelligence	3(2+1)	10	20		10	20	40
33.	Production Technology of Vegetables and Spices	2(1+1)	10	20	-	10	20	40
34.	Principles of Agricultural Economics and Farm Management	2(2+0)	10	30	-	10	-	50
35.	Crop Production Technology-II (Rabi Crops)	3(1+2)	10	20	-	10	20	40
36.	Farm Machinery and Power	2(1+1)	10	20	-	10	20	40
37.	Water Management	2(1+1)	10	20	-	10	20	40
38.	Problematic Soils and their management	2(1+1)	10	20	-	10	20	40
39.	Basics of Plant Breeding	3(2+1)	10	20	-	10	20	40
Total credit hours		21(11+10)						

S. No	Course Title	Credit Hours	EVALUATION SCHEME					
			Quiz/Assessment	Mid - Term	Internal Assessment Mid -Term (Pr.)	Class Participation & EC/CC	Practical	ESE
Third year								
V Semester								
40.	Agricultural Marketing and Trade	3(2+1)	10	20	-	10	20	40
41.	Introduction to Agro-meteorology	2(1+1)	10	20	-	10	20	40
42.	Fundamentals of Crop Physiology	3(2+1)	10	20	-	10	20	40
43.	Pest management in Crops and Stored Grains	3(2+1)	10	20	-	10	20	40
44.	Diseases of Field & Horticultural Crops & their Management	3(2+1)	10	20	-	10	20	40
45.	Crop Improvement (kharif crops) - I	2(1+1)	10	20	-	10	20	40
46.	Weed Management	2(1+1)	10	20	-	10	20	40
47.	Ornamental Crops, MAPs and Landscaping	2(1+1)	10	20	-	10	20	40
48.	Introductory Agro forestry	2(1+1)	10	20	-	10	20	40
Total credit hours		22(13+9)						

S. No	Course Title	Credit Hours	EVALUATION SCHEME					
			Quiz/Assessment	Mid - Term	Internal Assessment Mid -Term (Pr.)	Class Participation & EC/CC	Practical	ESE
Third year								
VI Semester								
49.	Fundamentals of Agri Biotechnology	3(2+1)	10	20	-	10	20	40
50.	Basic and Applied Agril Statistics	3(2+1)	10	20	-	10	20	40
51.	Crop Improvement (Rabi crops) - II	2(1+1)	10	20	-	10	20	40
52.	Renewable energy in Agriculture and Allied Sector	2(1+1)	10	20	-	10	20	40
53.	Dryland agriculture/ Rainfed agriculture and watershed management	2(1+1)	10	20	-	10	20	40
54.	Agricultural Microbiology and Phyto -remediation	2(1+1)	10	20	-	10	20	40
55.	Agricultural Finance & Cooperation	2(1+1)	10	20	-	10	20	40
56.	Essentials of Plant Biochemistry	3 (2+1)	10	20	-	10	20	40
57.	Fundamentals of Seed Science & Technology	2(1+1)	10	20	-	10	20	40
	Total credit hours	21(11+10)						

S. No	Course Title	Credit Hours	EVALUATION SCHEME					
			Fourth year					
VII Semester			Quiz/Assessment	Mid - Term	Internal Assessment Mid -Term (Pr.)	Class Participation & EC/CC	Practical	ESE
58.	5 Elective Courses (Major or minor) each of 4 (3+1) credits for B.Sc. (Hons.) Agriculture degree		10	20	-	10	20	40
Total credit hours		20(15+5)						

S. No	Course Title	Credit Hours	EVALUATION SCHEME					
			Fourth year					
VIII Semester			Quiz/Assessment	Mid - Term	Internal Assessment (Pr.)	Class Participation & EC/CC	Practical	ESE
59.	For B.Sc. (Hons.) Agriculture Degree Student READY: RAWE/ Industrial Attachment /Experiential Learning / Hands-on Training/ Project Work / Internship							
Total credit hours		20 Credits						