

B.Sc Agriculture		
Semester wise course and credits Allocation		
S. No	Course Title	Credit Hours
I Semester		
1.	Deeksharambh (Induction cum Foundation course)	1 week (NG) Non-gradial
2.	Skill Enhancement course-I*	2(0+2)
3.	Skill Enhancement course-II*	2(0+2)
4.	Communication Skills	2(1+1)
5.	Farming based livelihood systems	3(2+1)
6.	Rural Sociology and Educational Psychology	2 (2+0)
7.	Fundamentals of Agronomy	3(2+1)
8.	Fundamentals of Soil Science	3(2+1)
9.	Fundamentals of Horticulture	3(2+1)
10.	National Service Scheme (NSS-I)/ National Cadet Corps (NCC-I)	1(0+1)
11.	Introductory mathematics (need based)	1(1+0) Non gradial
Total credit hours		21(11+10)

II Semester		
12.	Skill Enhancement course-III*	2(0+2)
13.	Skill Enhancement course-IV*	2(0+2)
14.	Personality Development	2(1+1)
15.	Environmental Studies and Disaster Management	3(2+1)
16.	Soil Fertility Management	3 (2+1)
17.	Fundamentals of Entomology	3(2+1)
18.	Livestock and Poultry Management	2(1+1)
19.	Fundamentals of Plant Pathology	3(2+1)
20.	NCC-II/NSS-II 1(0+1)	1(0+1)
21.	Total credit hours	21(11+10)

III Semester		
1.	Skill Enhancement course-V*	2(0+2)
2.	Entrepreneurship Development and Business Communication	3(2+1)
3.	Physical Education, First Aid, Yoga Practices and Meditation	2(0+2)
4.	Principles of Genetics	3(2+1)
5.	Crop Production Technology-I (Kharif crops)	3(1+2)
6.	Production Technology of Fruit and Plantation Crops	2(1+1)
7.	Fundamentals of Extension Education	2(1+1)
8.	Fundamentals of Nematology	2(1+1)
9.	Principles and Practices of Natural Farming	2(1+1)
Total credit hours		21(9+12)

IV Semester		
1.	Skill Enhancement course-VI*	2(0+2)
2.	Agricultural Informatics and Artificial Intelligence	3(2+1)
3.	Production Technology of Vegetables and Spices	2(1+1)
4.	Principles of Agricultural Economics and Farm Management	2(2+0)
5.	Crop Production Technology-II (Rabi Crops)	3(1+2)
6.	Farm Machinery and Power	2(1+1)
7.	Water Management	2(1+1)
8.	Problematic Soils and their management	2(1+1)
9.	Basics of Plant Breeding	3(2+1)
Total credit hours		21(11+10)

V Semester		
1.	Agricultural Marketing and Trade	3(2+1)
2.	Introduction to Agro-meteorology	2(1+1)
3.	Fundamentals of Crop Physiology	3(2+1)
4.	Pest management in Crops and Stored Grains	3(2+1)
5.	Diseases of Field & Horticultural Crops & their Management	3(2+1)
6.	Crop Improvement (kharif crops) - I	2(1+1)
7.	Weed Management	2(1+1)
8.	Ornamental Crops, MAPs and Landscaping	2(1+1)
9.	Introductory Agro forestry	2(1+1)
Total credit hours		22(13+9)

VI Semester		
1.	Fundamentals of Agri Biotechnology	3(2+1)
2.	Basic and Applied Agril Statistics	3(2+1)
3.	Crop Improvement (Rabi crops) - II	2(1+1)
4.	Renewable energy in Agriculture and Allied Sector	2(1+1)
5.	Dryland agriculture/ Rainfed agriculture and watershed management	2(1+1)
6.	Agricultural Microbiology and Phyto -remediation	2(1+1)
7.	Agricultural Finance & Cooperation	2(1+1)
8.	Essentials of Plant Biochemistry	3 (2+1)
9.	Fundamentals of Seed Science & Technology	2(1+1)
Total credit hours		21(11+10)

VII Semester		
1.	5 Elective Courses (Major or minor) each of 4 (3+1) credits for B.Sc. (Hons.) Agriculture degree	
Total credit hours		20(15+5)

VIII Semester

1.	For B.Sc. (Hons.) Agriculture Degree Student READY: RAWE/ Industrial Attachment /Experiential Learning / Hands-on Training/ Project Work / Internship	
	Total credit hours	20 Credits