



FACULTY OF AGRICULTURAL SCIENCES
DEPARTMENT OF AGRICULTURE
Teaching Scheme Session 2022 Onwards

Program Name: B.Sc. Honors
Course: B.Sc., AGRICULTURE (Honors)
YEAR/SEMESTER: I/I

S. No.	Subject Code	Subject Title	Credit
		Theory Papers	
1	AG136101	Fundamentals of Horticulture	1
2	AG136102	Fundamentals of plant Biochemistry & Biotechnology	2
3	AG136103	Fundamentals of soil science	2
4	AG136104	Introduction to Forestry	1
5	AG136105	Comprehension & Communication Skills in English	1
6	AG136106	Fundamentals of Agronomy	3
7	AG136107	Elementary Mathematics*	2*
	AG136108	Introductory Biology*	1*
8	AG136109	Agricultural Heritage*	1*
9	AG136110	Rural Sociology & Educational Psychology	2
10	AG136111	Human Value & Ethics (Non gradial)**	1**
Practical Papers			
1	AG136121	Fundamentals of Horticulture	1
2	AG136122	Fundamentals of plant Biochemistry & Biotechnology	1
3	AG136123	Fundamentals of soil science	1
4	AG136124	Introduction to Forestry	1
5	AG136125	Comprehension & Communication Skills in English	1
6	AG136126	Fundamentals of Agronomy	1
7	AG136127	Introductory Biology*	1*
8	AG136128	NCC / NSS / Physical Education & Yoga practices**	2**

Note: *The remedial courses to be offered to the students of different streams are as under:

- Mathematics (in 10+2): Introductory Biology
- Biology (in 10+2): Elementary Mathematics

*R: Remedial

** NC: Non gradial courses



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YEAR/SEMESTER: I/II

S. No.	Subject Code	Subject Title	Credit
		Theory Papers	
1	AG136201	Fundamentals of Genetics	2
2	AG136202	Agricultural Microbiology	1
3	AG136203	Soil and Water Conservation Engineering	1
4	AG136204	Fundamentals of Crop Physiology	1
5	AG136205	Fundamentals of Agricultural Economics	2
6	AG136206	Fundamentals of Plant Pathology	2
7	AG136207	Fundamentals of Entomology	2
8	AG136208	Fundamentals of Agricultural Extension Education	2
9	AG136209	Communication Skills and Personality Development	2
Practical Papers			
1	AG136221	Fundamentals of Genetics	1
2	AG136222	Agricultural Microbiology	1
3	AG136223	Soil and Water Conservation Engineering	1
4	AG136224	Fundamentals of Crop Physiology	1
5	AG136225	Fundamentals of Plant Pathology	1
6	AG136226	Fundamentals of Entomology	1
7	AG136227	Fundamentals of Agricultural Extension Education	1
8	AG136228	Communication Skills and Personality Development	1



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YEAR/SEMESTER: II/III

S. No.	Subject Code	Subject Title	Credit
		Theory Papers	
1	AG136301	Crop Production Technology - I (Kharif Crops)	2
2	AG136302	Fundamentals of Plant Breeding	2
3	AG136303	Agricultural Finance and Cooperation	2
4	AG136304	Agri- Informatics	1
5	AG136305	Farm Machinery and Power	1
6	AG136306	Production Technology for Vegetables and Spices	1
7	AG136307	Environmental Studies and Disaster Management	3
8	AG136308	Statistical Methods	1
9	AG136309	Livestock and Poultry Management	3
Practical Papers			
1	AG136321	Crop Production Technology - I (Kharif Crops)	1
2	AG136322	Fundamentals of Plant Breeding	1
3	AG136323	Agricultural Finance and Cooperation	1
4	AG136324	Agri- Informatics	1
5	AG136325	Farm Machinery and Power	1
6	AG136326	Production Technology for Vegetables and Spices	1
7	AG136328	Statistical Methods	1
8	AG136329	Livestock and Poultry Management	1



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YEAR/SEMESTER: II/IV

S. No.	Subject Code	Subject Title	Credit
		Theory Papers	
1	AG136401	Crop Production Technology -II (Rabi Crops)	1
2	AG136402	Production Technology for Ornamental Crops, MAP and Landscaping	1
3	AG136403	Renewable Energy and Green Technology	1
4	AG136404	Problematic Soils and their Management	2
5	AG136405	Production Technology for Fruit and Plantation Crops	1
6	AG136406	Principles of Seed Technology	1
7	AG136407	Farming System & Sustainable Agriculture	1
8	AG136408	Agricultural Marketing Trade & Prices	2
9	AG136409	Introductory Agro-meteorology & Climate Change	1
10	AG136410	Micro Propagation Technologies	1
Practical Papers			
1	AG136421	Crop Production Technology -II (Rabi Crops)	1
2	AG136422	Production Technology for Ornamental Crops, MAP and Landscaping	1
3	AG136423	Renewable Energy and Green Technology	1
4	AG136424	Production Technology for Fruit and Plantation Crops	1
5	AG136425	Principles of Seed Technology	2
6	AG136426	Agricultural Marketing Trade & Prices	1
7	AG136427	Introductory Agro-meteorology & Climate Change	1
8	AG136428	Micro Propagation Technologies	2



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YEAR/SEMESTER: III/V

S. No.	Subject Code	Subject Title	Credit
		Theory Papers	
1	AG136501	Principles of Integrated Pest and Disease Management	2
2	AG136502	Manures, Fertilizers and Soil Fertility Management	2
3	AG136503	Pests of Crops and Stored Grain and their Management	2
4	AG136504	Diseases of Field and Horticultural Crops and their Management -I	2
5	AG136505	Crop Improvement-I (Kharif Crops)	1
6	AG136506	Entrepreneurship Development and Business Communication	1
7	AG136507	Geoinformatics and Nano-technology and Precision Farming	1
8	AG136508	Intellectual Property Rights	1
9	AG136509	Weed Management	2
Practical Papers			
1	AG136521	Principles of Integrated Pest and Disease Management	1
2	AG136522	Manures, Fertilizers and Soil Fertility Management	1
3	AG136523	Pests of Crops and Stored Grain and their Management	1
4	AG136524	Diseases of Field and Horticultural Crops and their Management -I	1
5	AG136525	Crop Improvement-I (Kharif Crops)	1
6	AG136526	Entrepreneurship Development and Business Communication	1
7	AG136527	Geoinformatics and Nano-technology and Precision Farming	1
8	AG136528	Weed management	1
9	AG136529	Practical Crop Production - I (Kharif crops)	2



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YEAR/SEMESTER: III/VI

S. No.	Subject Code	Subject Title	Credit
		Theory Papers	
1	AG136601	Rainfed Agriculture & Watershed Management	1
2	AG136602	Protected Cultivation and Secondary Agriculture	1
3	AG136603	Diseases of Field and Horticultural Crops and their Management-II	2
4	AG136604	Post-harvest Management and Value Addition of Fruits and Vegetables	1
5	AG136605	Management of Beneficial Insects	1
6	AG136606	Crop Improvement-II (<i>Rabi crops</i>)	1
7	AG136607	Principles of Organic Farming	1
8	AG136608	Farm Management, Production & Resource Economics	1
9	AG136609	Principles of Food Science and Nutrition	2
10	AG136610	Agribusiness Management	2
Practical Papers			
1	AG136621	Rainfed Agriculture & Watershed Management	1
2	AG136622	Protected Cultivation and Secondary Agriculture	1
3	AG136623	Diseases of Field and Horticultural Crops and their Management-II	1
4	AG136624	Post-harvest Management and Value Addition of Fruits and Vegetables	1
5	AG136625	Management of Beneficial Insects	1
6	AG136626	Crop Improvement-II (<i>Rabi crops</i>)	1
7	AG136627	Principles of Organic Farming	1
8	AG136628	Farm Management, Production & Resource Economics	1
9	AG136629	Practical Crop Production -II (<i>Rabi crops</i>)	2
10	AG136630	Agribusiness Management	1



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YEAR/SEMESTER: IV/VII

S. No.	Subject Code	Subject Title	Credit
		Practical Papers	
1	AG136721	Village attachment And Unit attachment in Univ. / College. KVK/ Research Station Attachment	14
2	AG136722	Plant clinic And Agro-Industrial Attachment	02
3	AG13723	Project Report Preparation, Presentation and Evaluation	04



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YEAR/SEMESTER: IV/VIII

S. No.	Subject Code	Subject Title	Credit
		Practical Papers	
1	AG136821	Mushroom Cultivation Technology	10
2	AG136822	Poultry Production Technology	10
3	AG136823	Commercial Horticulture	10
4	AG136824	Food Processing	10