



**Integral University, Lucknow**  
**Integral Institute of Agricultural Science and Technology**  
**Evaluation Scheme of Undergraduate program**  
**w.e.f. Session 2020-21**  
**B. Sc. (Hons.) Agriculture**  
**Semester - V**

Course Code	Course Title	Periods Per h/week/sem			Evaluation Scheme Theory Mid sem			Evaluation Scheme Practical Examination				End sem Theory Exam	Subject total	Credit	Total Credit Points	Attributes						United Nations Sustainable Development Goals (SDGs)			
								Sessional			End sem exam					Sub Total (sessional + exam)	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability		Human Value	Professional Ethics	
		L	T	P	CT	TA	Total	CT	TA	Total															Total
AG320	Principles of Integrated Pest and Disease Management	2	0	2	10	10	20	5	5	10	20	50	50	100	2:0:1	3	√		√		√				12
AG321	Manures, Fertilizers and Soil Fertility Management	2	0	2	10	10	20	5	5	10	20	50	50	100	2:0:1	3	√		√		√				2, 3
AG322	Pests of Crops and Stored Grain and their Management	2	0	2	10	10	20	5	5	10	20	50	50	100	2:0:1	3	√		√						2, 3
AG323	Diseases of Field and Horticultural Crops and their Management -I	2	0	2	10	10	20	5	5	10	20	50	50	100	2:0:1	3	√		√						
AG324	Crop Improvement-I (Kharif Crops)	1	0	2	10	10	20	5	5	10	20	50	50	100	1:0:1	2	√	√	√						2
BM367	Entrepreneurship Development and Business Communication	1	0	2	10	10	20	5	5	10	20	50	50	100	1:0:1	2	√	√	√					√	8
AG325	Geoinformatics and Nano-technology and Precision Farming	1	0	2	10	10	20	5	5	10	20	50	50	100	1:0:1	2	√		√						12
AG326	Practical Crop Production – I (Kharif crops)	0	0	4	-	-	-	5	5	10	90	10	-	100	0:0:2	2	√	√	√						12
AG327	Intellectual Property Rights	1	0	0	10	10	20	-	-	-	-	20	80	100	1:0:1	1	√		√				√		
AG328	Micro propagation Technologies	1	0	4	10	10	20	5	5	10	20	50	50	100	1:0:2	3*	√		√						12
HT325	Hi-tech. Horticulture	2	0	2	1	1	20	5	5	10	20	50	50	100	2:0:1	3*	√		√						9, 12





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**Elective Courses (V Semester)**

Course Code	Subject	Periods Per h/week/sem			Evaluation on Scheme Theory Mid sem			Evaluation Scheme Practical Examination				End sem Theory Exam	Subject total	Credit	Total Credit Points	Attributes						United Nations Sustainable Development Goals (SDGs)		
								Sessional			End sem exam					Sub Total (sessional + exam)	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability		Human Value	Professional Ethics
		C	T	P	C	T	Total	C	T	Total														
AG328	Micro propagation Technologies	1	0	4	1	1	2	5	5	1	2	50	50	10	1:2	3	√	√	√					9, 12
HT325	Hi-tech. Horticulture	2	0	2	1	1	2	5	5	1	2	50	50	10	2:1	3	√	√	√					2
AG329	Agricultural Journalism	2	0	2	1	1	2	5	5	1	2	50	50	10	2:1	3	√	√	√					

*\*Students can opt any one paper from the elective courses*





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**B. Sc. (Hons.) Agriculture**  
**Semester - VI**

Course Code	Course Title	Periods Per h/week/sem			Evaluation Scheme Theory Mid sem			Evaluation Scheme Practical Examination					End sem Theory Exam	Subject total	Credit	Total Credit Points	Attributes							United Nations Sustainable Development Goals (SDGs)	
								Sessional				End sem exam					Sub Total (sessional + exam)	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value		Professional Ethics
		L	T	P	CT	TA	Total	CT	TA	Total	Total														
AG335	Rainfed Agriculture & Watershed Management	1	0	2	10	10	20	5	5	10	20	50	50	100	1:0:1	2	√		√		√				
AG336	Farming System & Sustainable Agriculture	1	0	0	10	10	20	-	-	-	-	20	80	100	1:0:0	1	√		√		√				2, 12
HT327	Protected Cultivation and Secondary Agriculture	1	0	2	10	10	20	5	5	10	20	50	50	100	1:0:1	2	√		√		√				3
AG339	Diseases of Field and Horticultural Crops and their Management-II	2	0	2	10	10	20	5	5	10	20	50	50	100	2:0:1	3	√		√		√				
HT328	Post-harvest Management and Value Addition of Fruits and Vegetables	1	0	2	10	10	20	5	5	10	20	50	50	100	1:0:1	2	√		√		√				2
AG340	Management of Beneficial Insects	1	0	2	10	10	20	5	5	10	20	50	50	100	1:0:1	2	√		√		√				12

AG341	Crop Improvement-II (Rabi crops)	1	0	2	1 0	1 0	20	5	5	10	20	50	50	100	1:0: 1	2	√		√		√			2
AG342	Practical Crop Production –II (Rabi crops)	0	0	4	1 0	1 0	20	5	5	10	20	50	50	100	0:0: 2	2	√		√		√			2
AG343	Principles of Organic Farming	1	0	2	1 0	1 0	20	5	5	10	20	50	50	100	1:0: 1	2	√	√	√		√			2, 12
AG344	Farm Management, Production & Resource Economics	1	0	2	1 0	1 0	20	5	5	10	20	50	50	100	1:0: 1	2	√	√	√					8
AG345	Principles of Food Science and Nutrition	2	0	0	1 0	1 0	20	-	-	-	-	20	80	100	2:0: 0	2	√		√					12
AG348	Food Safety and Standards	2	0	2	1 0	1 0	20	5	5	10	20	50	50	100	2:0: 1	3*	√		√		√			
AG349	Biopesticides and Biofertilizers	2	0	2	1 0	1 0	20	5	5	10	20	50	50	100	2:0: 1	3*	√		√		√			12
HT330	Protected Cultivation	2	0	2	1 0	1 0	20	5	5	10	20	50	50	100	2:0: 1	3*	√		√		√			12
AG351	System Simulation and Agro-advisory	2	0	2	1 0	1 0	20	5	5	10	20	50	50	100	2:0: 1	3*	√		√		√			
	Total														22+3 *=25									

\*Students can opt any one paper from the elective courses



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								Sessional			Total					Sub Total (sessional + exam)	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value		Professional Ethics	
		L	T	P	C	T	A	T	Total																
AG348	Food Safety and Standards	2	0	2	2	2	2	5	5	1	2	5	5	1	2	3	√	√	√						
AG349	Biopesticides and Biofertilizers	2	0	2	2	2	2	5	5	1	2	5	5	1	2	3	√	√	√						12
HT330	Protected Cultivation	2	0	2	2	2	2	5	5	1	2	5	5	1	2	3	√		√						2, 12

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