

BSc (Hons) Agriculture

Semester I

Sl . No	Couse Code	Course Title	Lecture	Practical	Total Credit
1	24BSAG 111	Rural Sociology and Educational Psychology	2	0	2
2	24BSAG 112	Human values and Ethics	1	0	1
3	24BSAG 113	Elementary Mathematics	2	0	2
4	24BSAG 114	Agricultural Heritage	1	0	1
5	24BSAG 211	NSS/NCC/Physical Education & Yoga Practices	0	2	2
6	24BSAG 711	Fundamentals of Agronomy	2	1	3
7	24BSAG 712	Fundamentals of Soil Science	2	1	3
8	24BSAG 713	Fundamentals of Plant Biochemistry and Biotechnology	2	1	3
9	24BSAG 714	Fundamentals of Horticulture	2	1	3
10	24BSAG 715	Introduction to Forestry	1	1	2
11	24BSAG 716	Comprehension and Communication skills in English	1	1	2
12	24BSAG 717	Introductory Biology	1	1	2
		Total	16	8	24

Semester II

Sl . No	Couse Code	Course Title	Lecture	Practical	Total Credit
1	24BSAG 121	Fundamentals of Agricultural Economics	2	0	2
2	24BSAG 721	Fundamentals of Genetics	2	1	3
3	24BSAG 722	Fundamentals of Crop Physiology	2	1	3
4	24BSAG 723	Fundamentals of Agricultural Extension Education	2	1	3
5	24BSAG 724	Agricultural Microbiology	1	1	2
6	24BSAG 725	Soil and Water Conservation Engineering	1	1	2
7	24BSAG 726	Farm Machinery and Power	1	1	2
8	24BSAG 727	Production Technology of	1	1	2

		Vegetables and Spices			
9	24BSAG 728	Introductory Agro Meteorology and Climate change	1	1	2
10	24BSAG 729	Communication skills and Personality Development	1	1	2
11	COMMON CODE	NPTEL Course	2	0	2
		Total	16	9	25

Semester III

Sl . No	Couse Code	Course Title	Lecture	Practical	Total Credit
1	24BSAG 431	Educational Tour	0	1	1
2	24BSAG 731	Crop Production Technology- I (<i>Kharif</i> Crops)	1	1	2
3	24BSAG 732	Fundamentals of Plant Breeding	2	1	3
4	24BSAG 733	Agricultural Finance and Cooperation	2	1	3
5	24BSAG 734	Fundamentals of Plant Pathology	2	1	3
6	24BSAG 735	Fundamentals of Entomology	2	1	3
7	24BSAG 736	Livestock and Poultry Management	2	1	3
8	24BSAG 737	Statistical Methods and Designs	1	1	2
9	24BSAG 738	Agri- Informatics	1	1	2
10	24BSAG 739	Environmental Studies and Disaster Management	2	1	3
11	COMMON CODE	NPTEL Course	2	0	2
		Total	17	10	27

Semester IV

Sl . No	Course Code	Course Title	Lecture	Practical	Total Credit
1	24BSAG 141	Problematic Soils and their Management	2	0	2
2	24BSAG 341	Agricultural Journalism	2	1	3
	24BSAG 342	Agribusiness Management	2	1	3
	24BSAG 343	Agrochemicals	2	1	3
	24BSAG 344	Commercial Plant Breeding	1	2	3
3	24BSAG 741	Crop Production Technology – II (<i>Rabi</i> Crops)	2	1	3
4	24BSAG 742	Production Technology for Ornamental Crops, MAP and	1	1	2

		Landscaping			
5	24BSAG 743	Renewable Energy and Green Technology	1	1	2
6	24BSAG 744	Production Technology for Fruit and Plantation Crops	1	1	2
7	24BSAG 745	Principles of Seed Technology	2	1	3
8	24BSAG 746	Farming System & Sustainable Agriculture	1	1	2
9	24BSAG 747	Agricultural Marketing Trade & Prices	2	1	3
10	COMMON CODE	NPTEL Course	2	0	2
		Total	16	8	24

Semester V

Sl . No	Couse Code	Course Title	Lecture	Practical	Total Credit
1	24BSAG 151	Intellectual Property Rights	1	0	1
2	24BSAG 251	Practical Crop Production – I (<i>Kharif crops</i>)	0	2	2
3	24BSAG 351	Landscaping	2	1	3
	24BSAG 352	Food Safety and Standards	2	1	3
	24BSAG 353	Biopesticides & Biofertilizers	2	1	3
	24BSAG 354	Protected Cultivation	2	1	3
4	24BSAG 751	Principles of Integrated Pest and Disease management	2	1	3
5	24BSAG 752	Manures, Fertilizers and Soil Fertility Management	2	1	3
6	24BSAG 753	Pests of Crops and stored grain and their management	2	1	3
7	24BSAG 754	Diseases of Field and Horticultural crops and their Management	2	1	3
8	24BSAG 755	Crop Improvement I Kharif crops	1	1	2
9	24BSAG 756	Entrepreneurship Development and Business communication	1	1	2
10	24BSAG 757	Geoinformatics, Nanotechnology and Precision farming	1	1	2
11	COMMON CODE	NPTEL Course	2	0	2
		Total	16	10	26

Semester VI

Sl . No	Couse Code	Course Title	Lecture	Practical	Total Credit
1	24BSAG 161	Principles of Food Science & Nutrition	2	0	2
2	24BSAG 261	Practical Crop Production - II (<i>Rabi</i> crops)	0	2	2
3	24BSAG 361	Micro propagation Technologies	1	2	3
	24BSAG 362	Hi-tech. Horticulture	2	1	3
	24BSAG 363	Weed Management	2	1	3
	24BSAG 364	System Simulation and Agro-advisory	2	1	3
4	24BSAG 761	Principles of Organic Farming	1	1	2
5	24BSAG 762	Rainfed Agriculture & Watershed Management	1	1	2
6	24BSAG 763	Crop Improvement-II (<i>Rabi</i> crops)	1	1	2
7	24BSAG 764	Management of Beneficial Insects	1	1	2
8	24BSAG 765	Farm Management, Production & Resource Economics	1	1	2
9	24BSAG 766	Protected Cultivation and Secondary Agriculture	1	1	2
10	24BSAG 767	Diseases of Field and Horticultural Crops and their Management-II	2	1	3
11	24BSAG 768	Post-harvest Management and Value Addition of Fruits and Vegetables	1	1	2
12	COMMON CODE	NPTEL Course	2	0	2
		Total	14	12	26

Semester VII

Sl . No	Couse Code	Course Title	Lecture	Practical	Total Credit
1	24BSAG 471	Rural Agricultural Work Experience and Agro-industrial Attachment (RAW & AIA)	0	18	18
2	24BSAG 472	All India Tour	0	2	2
3	COMMON CODE	NPTEL Course	2	0	2
		Total	2	20	22

Semester VIII

Sl . No	Couse Code	Course Title	Lecture	Practical	Total Credit
1		Module 1	0	20	20
	24BSAG 481	Production technology of Bioagents and Biofertilizers	0	10	10
	24BSAG 482	Mushroom Technology	0	10	10
2		Module 2	0	20	20
	24BSAG 483	Food Processing	0	10	10
	24BSAG 484	Agriculture Waste Management	0	10	10
3		Module 3	0	20	20
	24BSAG 485	Commercial Beekeeping	0	10	10
	24BSAG 486	Poultry production technology	0	10	10
4		Module 4	0	20	20
	24BSAG 487	Organic Production Technology	0	10	10
	24BSAG 488	Commercial Sericulture	0	10	10
5	COMMON CODE	NPTEL Course	2	0	2
		Total	2	20	22