

Annexure I
FACULTY OF AGRICULTURE
Undergraduate Course Curriculum

I Semester			
S. No.	Course No.	Course Title	Credit Hours
1	FC - I	Deekshaarambh (Induction cum Foundation course)	2 (0+2) 2 week(NG) Non-gradial
2	SEC - (1-17)	Skill Enhancement course (1-17)*	2(0+2)
3	SEC - (1-17)	Skill Enhancement course (1-17)*	2(0+2)
4	AEC - I	Communication Skills	2(1+1)
5	AGRON 1.1	Fundamentals of Agronomy	3(2+1)
6	SOIL 1.1	Fundamentals of Soil Science	3(2+1)
7	HORT 1.1	Fundamentals of Horticulture	3(2+1)
8	ENT 1.1	Fundamentals of Entomology	3(2+1)
9	EXTN 1.1	Rural Sociology and Educational Psychology	2(2+0)
10	AEC - IV	National Service Scheme - I (NSS - I)	1(0+1)
11	AEC - V	National Cadet Corps - I (NCC - I)	1(0+1)
12	MATHS 1.1	Introductory mathematics	1(1+0) Non-gradial

II Semester

1	SEC - (1-17)	Skill Enhancement course (1-17)*	2(0+2)
2	SEC - (1-17)	Skill Enhancement course (1-17)*	2(0+2)
3	AEC - II	Personality Development	2(1+1)
4	VAC - I	Environmental Studies and Disaster Management	3(2+1)
5	SOIL 2.2	Soil Fertility Management	3(2+1)
6	MDC - I	Farming based livelihood Systems	3(2+1)
7	AH 2.1	Livestock and Poultry Management	2(1+1)
8	PL. PATH 2.1	Fundamentals of Plant Pathology	3(2+1)
9	AEC - VI	National Service Scheme - II (NSS - II)	1(0+1)
10	AEC - VII	National Cadet Corps - II (NCC - II)	1(0+1)

III semester

1	SEC - (1-17)	Skill Enhancement course (1-17)*	2(0+2)
2	MDC - II	Entrepreneurship Development and Business Communication	3(2+1)
3	AEC - III	Physical Education, First Aid and Yoga Practices	2(0+2)
4	GPB 3.1	Principles of Genetics	3(2+1)
5	AGRON 3.2	Crop Production Technology-I (<i>Kharif</i> crops)	3(1+2)
6	HORT 3.2	Production Technology of Fruit and Plantation Crops	2(1+1)
7	EXTN 3.2	Fundamentals of Extension Education	2(1+1)
8	NEMA 3.1	Fundamentals of Nematology	2(1+1)
9	AGRON 3.3	Principles and Practices of Natural Farming	2(1+1)

IV semester			
1	SEC - (1-17)	Skill Enhancement course (1-17)*	2(0+2)
2	VAC - II	Agriculture informatics and Artificial Intelligence	3(2+1)
3	HORT 4.3	Production Technology of Vegetables and Spices	2(1+1)
4	AG. ECON 4.1	Principles of Agricultural Economics and Farm Management	2(2+0)
5	AGRON 4.4	Crop Production Technology - II (<i>Rabi</i> Crops)	3(1+2)
6	AG. ENGG 4.1	Farm Machinery and Power	2(1+1)
7	AGRON 4.5	Water Management	2(1+1)
8	SOIL 4.3	Problematic Soils and their management	2(1+1)
9	GPB 4.2	Basics of Plant Breeding	3(2+1)
V semester			
1	MDC - III	Agricultural Marketing and Trade	3(2+1)
2	AG. MET 5.1	Introduction to Agro-meteorology	2(1+1)
3	CR. PHY 5.1	Fundamentals of Crop Physiology	3(2+1)
4	ENT 5.2	Pest Management in Crops and Stored Grains	3(2+1)
5	PL. PATH 5.2	Diseases of Field & Horticultural Crops & their Management	3(2+1)
6	GPB 5.3	Crop Improvement - I (<i>Kharif</i> Crops)	2(1+1)
7	AGRON 5.6	Weed Management	2(1+1)
8	AG. ENGG 5.2	Renewable energy in Agriculture and Allied Sector	2(1+1)
9	AGRON 5.7	Introductory Agroforestry	2(1+1)
VI semester			
1	AG. BIOTECH 6.1	Fundamentals of Agri. Biotechnology	3(2+1)
2	AG. STAT 6.1	Basic and Applied Agril. Statistics	3(2+1)
3	GPB 6.4	Crop Improvement (<i>Rabi</i> Crops) - II	2(1+1)
4	HORT 6.4	Ornamental Crops, MAPs and Landscaping	2(1+1)
5	AGRON 6.8	Dry land agriculture / Rainfed agriculture and watershed management	2(1+1)
6	BIOCHEM 6.1	Essentials of Plant Biochemistry	3(2+1)
7	PL. PATH 6.3	Agricultural Microbiology and Phyto-remediation	2(1+1)
8	AG. ECON 6.2	Agricultural Finance & Cooperation	2(1+1)
9	GPB 6.5	Fundamentals of Seed Science & Technology	2(1+1)
VII semester			
5 Elective Courses(major or minor) each of 4(3+1) credits for B.Sc. (Hons) Agriculture degree			20(15+5)
VIII semester			
1	Student Ready(RAWE /Industrial Attachment/ Experiential learning / Hands on training / Project work/ Internship)		20
Note: * Will be decided by the respective colleges/University ** Students needs to complete 10 credits online courses			