

COURSES OFFERED:-

Name of Degree: - B. Sc. (Agriculture)

Duration: - Four years (Eight Semesters) Credit Course: - 163

FIRST SEMESTER (New)			
Sr. No.	Course No.	Course Title	Credit
1	Agro-111	Principles of Agronomy	1+1
2	Agro-112	Agriculture Meteorology	1+1
3	Agro-113	Introductory Agriculture (Ancient Heritage, Agriculture Scenario and gender equity in Agriculture)	1+0
4	Bot-111	Environmental Science	1+1
5	SSAC-111	Introduction to Soil Science	2+1
6	Path-111	Introductory Plant Pathology	1+1
7	Hort-111	Production Technology of Fruit Crop	2+1
8	Extn-111	Fundamentals of Rural Sociology and Educational Psychology	2+0
9	ASDS-111	Livestock Production and Management	1+1
10	Lang-111*	Comprehension and communication Skills in English	1+1
11	Math-111*	Mathematics (Deficiency Course)	1+1
12	Phy.Edu-111*	Physical Education	0+1
Total			12+7=19

*Non Credit

SECOND SEMESTER (New)			
Sr. No.	Course No.	Course Title	Credit
1	AGRO- 124	Water Management including Micro-irrigation	2+1
2	SSAC-122	Soil Chemistry, Soil Fertility and Nutrient Management	2+1
3	MIBO-121	Agricultural Microbiology	2+1
4	BOT-122	Principles of Genetics	2+1
5	ECON-121	Principles of Agricultural Economics	2+0
6	EXTN-122	Dimensions of Agricultural Extension	1+1
7	ENGG-121	Fundamentals of Soil and Water Conservation Engineering	1+1
8	STAT-121	Statistics	1+1
9	NSS/NCC* - 121	0+1
Total			13+7=20

*Non Credit

THIRD SEMESTER (New)			
Sr. No.	Course No.	Course Title	Credit
1	AGRO-235	Field Crops-(I) (<i>Kharif Crop</i>)	2+1
2	AGRO-236	Practical Crop Production -(I) (<i>Kharif Crop</i>)	0+1
3	BOT-233	Principles of plant Breeding	2+1
4	BOT-234	Crop Physiology	2+1
5	PATH-232	Principles of plant Pathology	1+1
6	ENTO-231	Insect Morphology and Systematics	2+1
7	HORT-232	Production Technology of Vegetables and Flowers	1+1
8	ENGG-232	Introduction to Computers and Application	1+1
9	ECON-232	Production Economics and Farm Management	1+1
Total			12+9=21
FOURTH SEMESTER (New)			
Sr. No.	Course No.	Course Title	Credit
1	AGRO-247	Field crop – (II) (<i>Rabi crops</i>)	2+1
2	AGRO-248	Practical crop production – (II) (<i>Rabi Crops</i>)	0+1
3	BOT-245	Breeding of field and Horticultural Crops	2+1
4	SSAC-243	Manures, Fertilizers and Agrochemicals	2+1
5	PATH-243	Diseases of Field Crops and their Management	2+1
6	ENTO-242	Insect Ecology, Integrated Pest Management and Beneficial Insects	2+1
7	HORT-243	Production Technology of Spices, Aromatics, Medicinal, and Plantation Crops	1+1
8	ECON-243	Agricultural Finance and Co-operation	1+1
9	ASDS-242	Livestock Breeding and Nutrition	1+1
Total			13+9=22
FIFTH SEMESTER (New)			
Sr. No.	Course No.	Course Title	Credit
1	AGRO-359	Weed Management	1+1
2	BOT-356	Principles of plant Biotechnology	2+1
3	SSAC-354	Biochemistry	2+1
4	PATH-354	Disease of Horticultural Crops and their Management	2+1
5	ENTO-353	Crop Pest & Store Grain Pest & their Management	2+1
6	ECON-354	Agricultural Marketing, Trade and Prices	1+1
7	EXTN-353	Extension Methodology for Transfer of Agricultural. Technology	1+1
8	ASDS-353	Technology of Milk and Milk Products	1+1
9	ENGG-353	Farm Power and Machinery	1+1
Total			13+9=22

SIXTH SEMESTER (New)			
Sr. No.	Course No.	Course Title	Credit
1	AGRO-3610	Farming systems and sustainable Agriculture	1+1
2	AGRO - 3611	Organic and Rained farming	1+1
3	BOT - 367	Principles of seed technology	2+1
4	HORT - 364	Post harvest management and value addition of Fruits and vegetables	1+1
5	ECON - 365	Agril.-Business management	1+1
6	EXTN - 364	Entrepreneurship development and communication skills	1+1
7	ENGG - 364	Protected cultivation and post harvest technology	1+1
8	ASDS - 364	Sheep and Goat Production	1+1
9	ENTO - 364	Introductory Nematology	1+1
Total			10+9=19

SEVENTH SEMESTER (New) RAWE			
Sr. No.	Course No.	Course Title	Credit
1	RAWE AGRO-4712	Agronomy	0+2
2	RAWE ASDS-475	Animal Sciences and Dairy Science	0+2
3	RAWE BOT -478	Agril. Botany	0+1
4	RAWE ECON-476	Agril. Economics	0+2
5	RAWE ENTO-475	Agril. Entomology	0+2
6	RAWE ENGG-475	Agril. Engineering	0+1
7	RAWE EXTN-475	Extension Education	0+2
8	RAWE HORT-475	Horticulture	0+2
9	RAWE PATH- 475	Plant Pathology	0+2
10	RAWE SSAC-475	Soil Science and Agril. Chemistry	0+2
11		Reports on study of Agril. Research Centre/ KVK	0+2
12		Reports on study of Agro-based industry/ enterprise	
Total			0+20=20

EIGHTH SEMESTER (New)					
Sr. No.	Course No	Title of the modules/ course (Experiential Unit)	Credits	Major Department	Associate Departments
1	AEL. SSAC-486	Soil and Water Clinic	0+20	Soil Science & Agril. Chemistry	Agronomy, Agril.Economics & Agril.Extension
2	AEL-Path-487	Bio- Fertilizer Production & Bio-Pesticides Production including parasite	0+20	Plant Pathology	Entomology, Agril.Economics, & Agril.Extension
3	AEL. Hort-486	Processing & Value Addition of Horticultural crops.	0+20	Horticulture	Agril.Entomology Agril.Economics & Agril.Extension
4	AEL. Hort-487	Nursery Management of Horticultural Crops	0+20	Horticulture	Agril.Entomology, Agril.Economics, Agril.Extension, Plant Pathology, Soil Science, and Agril. Chemistry & Agril.Botany