

Courses offered

Polytechnic					
Odd Semester			Even Semester		
Course No.	Course Title	Credit	Course No.	Course Title	Credit
First semester			Second semester		
VEG 1.1	Fundamentals of Vegetable Production	3(2+1)	FRT 2.3	Growth and Development of Horticultural Crops	2(1+1)
FLA 1.1	Introductory Floriculture	2(1+1)	NRM 2.2	Fundamentals of Soil Science	3(2+1)
NRM 1.1	Introductory Agronomy	2(1+1)	VEG 2.2	Tropical and Subtropical Vegetables	3(2+1)
PPT 1.1	Introductory Entomology	2(1+1)	FLA 2.2	Ornamental Horticulture	2(1+1)
SSC 1.1	Communication Skills and Personality Development	2(1+1)	PHT 2.1	Fundamentals of Post-harvest Technology of Horticultural Crops	2(1+1)
BSC 1.1	Introductory Botany	2(1+1)	NRM 2.3	Manures and Fertilizers	2(1+1)
FRT 1.1	Fundamentals of Horticulture	3(2+1)	PPT 2.2	Fundamentals of Plant Pathology	2(1+1)
FRT 1.2	Plant Propagation and Nursery Management	2(1+1)	SSC 2.2	Information and Communication Technology	2(1+1)
Third semester			Fourth semester		
FRT 3.4	Tropical and Subtropical Fruits	3(2+1)	NRM 4.5	Soil Fertility and Nutrient Management	2(1+1)
VEG 3.3	Cool Season Vegetable Crops	2 (1+1)	FRT 4.5	Plantation Crops, Spices and Condiments	2(1+1)
FLA 3.3	Cultivation of Commercial Flowers	2(1+1)	BSC 4.4	Principles of Genetics and Cytogenetics	3(2+1)
SSC 3.3	Introductory Extension Education	2(1+1)	PHT 4.2	Fundamentals of Food and Nutrition	2(1+1)
SSC 3.4	Social and Farm Forestry	2(1+1)	NRM 4.6	Agro-meteorology and Climate Change	2(1+1)
BSC 3.2	Introductory Microbiology	2(1+1)	BSC 4.5	Introductory Crop Physiology	2(1+1)

BSC 3.3	Principles of Plant Breeding	2(1+1)	FLA 4.4	Medicinal and Aromatic Plants	2(1+1)
NRM 3.4	Water Management in Horticultural Crops	2(1+1)	FRT 4.6	Watershed Management and Dry Land Horticulture	2(1+1)
			PPT 4.3	Pest and Disease Management of Horticultural Crops	2(1+1)
Fifth Semester			Sixth semester		
BSC 5.6	Environmental Science	2(1+1)	HWE 6.1	Cultivation of Hi-valued Horticultural Crops	4(0+4)
VEG 5.4	Vegetable Seed Production and Certification	2(1+1)	HWE 6.2	Nursery Production, Management of Horticultural Crops and Micro-propagation	4(0+4)
PHT 5.3	Preservation and Value Addition of Horticultural Crops	3(2+1)	HWE 6.3	Value Addition of Fruits and Vegetables	4(0+4)
FLA 5.5	Protected Cultivation of Horticultural Crops	3(2+1)	HWE 6.4	Floriculture and Landscape Gardening and Value Addition of Flowers	(0+4)
SSC 5.5	Elementary Statistics and Computer Application	3(2+1)	HWE 6.5	Educational Tour	4(0+4)
BSC 5.7	Elementary Plant Biochemistry	2(1+1)			
SSC 5.6	Economics and Marketing	2(1+1)			
NRM 5.7	Farm Power and Machinery, Soil Survey and Conservation	2(1+1)			