



Semester - 1

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Sr. No.	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
1	Soil Physics	3	2	2	-	30	-	20	-	50	-	-	-	100	60	-	-	100
2	Soil Chemistry	3	2	2	-	30	-	20	-	50	-	-	-	100	60	-	-	100
3	Soil, Water and Air Pollution	3	2	2	-	30	-	20	-	50	-	-	-	100	60	-	-	100
4	Analytical Techniques and Instrumental Methods in Soil and Plant Analysis	2	0	4	-	-	-	100	60	-	-	-	-	-	-	100	60	100
5	Dry Land Farming & Water shade Management	3	2	2	-	30	-	20	-	50	-	-	-	100	60	-	-	100
6	Experimental Designs	3	2	2	-	30	-	20	-	50	-	-	-	100	60	-	-	100
7	Library and Information Services	1	0	2	-	-	-	100	60	-	-	-	-	-	-	100	60	100
8	Basic Concepts in Laboratory Techniques	1	0	2	-	-	-	100	60	-	-	-	-	-	-	100	60	100
	Total	19	10	18	0	150	0	400	180	250	0	0	0	500	300	300	180	800

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical,

Theory Passing %: 60 Practical Passing %: 60



Semester - 2

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Sr. No.	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
1	Soil Fertility and Fertilizer Use	3	2	2	-	30	-	20	-	50	-	-	-	100	60	-	-	100
2	Soil Biology and Biochemistry	3	2	2	-	30	-	20	-	50	-	-	-	100	60	-	-	100
3	Principles and Practices of Organic Farming	3	2	2	-	30	-	20	-	50	-	-	-	100	60	-	-	100
4	Statistical Methods for Applied Sciences	4	3	2	-	30	-	20	-	50	-	-	-	100	60	-	-	100
5	Technical Writing and Communication Skills	1	0	2	-	-	-	100	60	-	-	-	-	-	-	100	60	100
6	Intellectual Property and its Management in Agriculture	1	1	0	-	50	-	-	-	50	-	-	-	100	60	-	-	100
7	Research	5	0	10	-	-	-	100	60	-	-	-	-	-	-	100	60	100
	Total	20	10	20	0	170	0	280	120	250	0	0	0	500	300	200	120	700

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical,

Theory Passing % : 60 Practical Passing % : 60



Semester - 3

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Sr. No.	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
1	Management of Problematic Soils and Water	3	2	2	-	30	-	20	-	50	-	-	-	100	60	-	-	100
2	Soil Mineralogy, Genesis Classification and Survey	3	2	2	-	30	-	20	-	50	-	-	-	100	60	-	-	100
3	Cropping System and Sustainable Agriculture	2	2	0	-	50	-	-	-	50	-	-	-	100	60	-	-	100
4	Agricultural Research, Research Ethics & Rural Development Programmes	1	1	0	-	50	-	-	-	50	-	-	-	100	60	-	-	100
5	Seminar	1	0	2	-	-	-	100	60	-	-	-	-	-	-	100	60	100
6	Research	10	0	20	-	-	-	100	60	-	-	-	-	-	-	100	60	100
	Total	20	7	26	0	160	0	240	120	200	0	0	0	400	240	200	120	600

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical,

Theory Passing % : 60 Practical Passing % : 60



Semester - 4

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Sr. No.	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
1	Research	15	0	30	-	-	-	100	60	-	-	-	-	-	-	100	60	100
	Total	15	0	30				100	60							100	60	100

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical,

Theory Passing % : 60 Practical Passing % : 60