



Semester - 1

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
03601115	Applied Mathematics-I	4	4	-	-	20	-	20	60	-	40	-	100
03601116	Applied Physics	4	3	2	-	20	50	20	60	-	40	20	150
03601117	Engineering Chemistry	4	3	2	-	20	50	20	60	-	40	20	150
03601118	Agriculture for Engineers	4	3	2	-	20	50	20	60	-	40	20	150
03601119	Workshop Practice	2	-	4	-	-	50	100	-	-	-	60	150
03601120	Environmental Science	3	3	-	-	20	-	20	60	-	40	-	100
03693101	Communication Skills - I	1	1	-	-	20	-	20	60	-	40	-	100
	Total	22	17	10									900

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing % : 40 Practical Passing % : 40



Semester - 2

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
03601165	Engineering Mathematics-I	4	2	2	-	20	-	20	60	-	40	-	100
03601166	Engineering Drawing	4	2	4	-	20	50	20	60	-	40	20	150
03601167	Engineering Mechanics	3	2	2	-	20	50	20	60	-	40	20	150
03601168	Surveying and Levelling	4	3	2	-	20	50	20	60	-	40	20	150
03601169	Basics of Electrical Engineering	4	3	2	-	20	50	20	60	-	40	20	150
03601170	Engineering Physics	4	3	2	-	20	50	20	60	-	40	20	150
03693151	Communication Skills - II	1	1	-	-	20	-	20	60	0	40	0	100
Total		24	16	14									950

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing % : 40 Practical Passing % : 40



Semester - 3

Code	Subject	Credit	Lect	Lab	Tut	Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
						T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
03601208	Engineering Mathematics-II	4	2	-	2	20	-	20	60	-	40	-	100
03601209	Water Resources Engineering	3	2	2	-	20	50	20	60	-	40	20	150
03601210	Computer Programming and Data Structure	3	1	4	-	20	100	20	60	-	40	40	200
03601211	Thermodynamics and Heat Engines	4	3	2	-	20	50	20	60	-	40	20	150
03601212	Soil and Water Conservation Engineering	3	2	2	-	20	50	20	60	-	40	20	150
03601213	Electrical Circuits	3	2	2	-	20	50	20	60	-	40	20	150
03601214	Farm Power Engineering	3	2	2	-	20	50	20	60	-	40	20	150
03693201	Professional Communication and Critical Thinking	1	1	-	-	20	-	20	60	-	40	-	100
09990017	MATHS APTITUDE-3	0	1	0	-	0	0	0	-	-	0	0	0
Total		24	16	14	2								1150

Lect - Lecture, Tut - Tutorial, Lab - Lab, T - Theory, P - Practical, CE - CE, T - Theory, P - Practical
 Theory Passing % : 40 Practical Passing % : 40



Semester - 4

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
03601258	Farm Machinery and Implements	4	3	2	-	20	50	20	60	-	40	20	150
03601259	Non Conventional Energy Sources	4	3	2	-	20	50	20	60	-	40	20	150
03601260	Post Harvest Technology	4	3	2	-	20	50	20	60	-	40	20	150
03601261	Applied Electronics and Instrumentation	4	3	2	-	20	50	20	60	-	40	20	150
03601262	Contributor Personality Development	4	4	0	-	20	0	20	60	-	40	-	100
03601263	Irrigation Technology	4	3	2	-	20	50	20	60	-	40	20	150
03601264	Machine Drawing	2	0	4	-	0	50	100	-	-	0	60	150
09990018	MATHS APTITUDE-4	1	1	0	-	0	0	0	0	-	0	0	0
	Total	27	20	14									1000

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing % : 40 Practical Passing % : 40



Semester - 5

Code	Subject	Credit	Lect	Lab	Tut	Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
						T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
03601307	Farm Tractor Systems and Controls	4	3	2	-	20	50	-	60	20	32	28	150
03601308	Agricultural Process Engineering	5	3	4	-	20	50	-	60	20	32	28	150
03601309	Entrepreneurship Development and Management	3	3	0	-	20	0	20	60	-	40	0	100
03601310	Dairy and Food Engineering	4	4	0	-	20	0	20	60	-	40	0	100
03601311	Drainage Engineering	4	3	2	-	20	50	-	60	20	32	28	150
03601312	Design and Maintenance of Green House	4	3	2	-	20	50	-	60	20	32	28	150
	Total	24	19	10									800

Lect - Lecture, Tut - Tutorial, Lab - Lab, T - Theory, P - Practical, CE - CE, T - Theory, P - Practical
Theory Passing % : 40 Practical Passing % : 40



Semester - 6

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
03601352	Industrial and Field Training cum Project Work	36	0	36	-	-	500	-	-	300	-	320	800
	Total	36	0	36									800

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing % : 40 Practical Passing % : 40