



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.	
03601121	Applied Mathematics	3.00	3	0	-	20	-	20	60	-	40	-	100
03601123	Applied Physics	2.00	2	-	-	20	-	20	60	-	40	-	100
03601124	Applied Physics Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03601125	Soil Science & Agriculture for Engineers	3.00	3	-	-	20	-	20	60	-	40	-	100
03601126	Soil Science & Agriculture for Engineers Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03605101	Environmental Science	0.00	2	-	-	20	-	20	-	-	16	-	40
03607151	Fundamentals of Electrical and Electronics Engineering	3.00	2	-	1	20	-	20	60	-	40	-	100
03607152	Fundamentals of Electrical and Electronics Engineering Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03609101	Engineering Graphics	1.00	1	-	-	20	-	20	60	-	40	-	100
03609102	Engineering Graphics Lab	2.00	-	4	-	-	100	-	-	-	-	40	100
03693103	Communication Skills - I	1.00	1	-	-	-	-	100	-	-	40	-	100
	Total	18.00	14	10	1								890

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.	
03601171	Engineering Mathematics-I	3.00	2	-	1	20	-	20	60	-	40	-	100
03601173	Surveying and Levelling	2.00	2	-	-	20	-	20	60	-	40	-	100
03601174	Surveying and Levelling Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03601175	Engineering Physics	3.00	3	-	-	20	-	20	60	-	40	-	100
03601176	Engineering Physics Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03601177	Engineering Chemistry	3.00	3	-	-	20	-	20	60	-	40	-	100
03601178	Engineering Chemistry Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03605151	Engineering Mechanics	3.00	3	-	-	20	-	20	60	-	40	-	100
03605152	Engineering Mechanics Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03609154	Engineering Workshop Practice	2.00	-	4	-	-	100	-	-	-	-	40	100
03693153	Communication Skills - II	1.00	1	-	-	-	-	100	-	-	40	-	100
Total		21.00	14	12	1								900

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

**Semester - 3**

						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.	
03601215	Engineering Mathematics-II	4.00	3	-	1	20	-	20	60	-	40	-	100
03601217	Fluid Mechanics and Open Channel Hydraulics	2.00	2	-	-	20	-	20	60	-	40	-	100
03601218	Fluid Mechanics and Open Channel Hydraulics Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03601219	Thermodynamics, Refrigeration and Air Conditioning	2.00	2	-	-	20	-	20	60	-	40	-	100
03601220	Thermodynamics, Refrigeration and Air Conditioning Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03601221	Soil and Water Conservation Engineering	2.00	2	-	-	20	-	20	60	-	40	-	100
03601222	Soil and Water Conservation Engineering Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03601223	Farm Power Engineering	2.00	2	-	-	20	-	20	60	-	40	-	100
03601224	Farm Power Engineering Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03601225	Watershed Hydrology	1.00	1	-	-	20	-	20	60	-	40	-	100
03601226	Watershed Hydrology Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03601227	Food Engineering	3.00	3	-	-	20	-	20	60	-	40	-	100
03606102	Introduction to IT Systems Lab	2.00	-	4	-	-	100	-	-	-	-	40	100
	Total	23.00	15	14	1								1050

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.	
03601265	Farm Machinery and Implements	3.00	3	-	-	20	-	20	60	-	40	-	100
03601266	Farm Machinery and Implements Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03601267	Non Conventional Energy Sources	3.00	3	-	-	20	-	20	60	-	40	-	100
03601268	Non Conventional Energy Sources Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03601269	Post Harvest Technology	3.00	3	-	-	20	-	20	60	-	40	-	100
03601270	Post Harvest Technology Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03601271	Theory of Machines	2.00	2	-	-	20	-	20	60	-	40	-	100
03601273	Strength of Material	1.00	1	-	-	20	-	20	60	-	40	-	100
03601274	Strength of Material Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03601275	Irrigation Technology	3.00	3	-	-	20	-	20	60	-	40	-	100
03601276	Irrigation Technology Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03601277	Heat and Mass Transfer	2.00	2	-	-	20	-	20	60	-	40	-	100
03693251	Employability Skills	1.00	1	-	-	-	-	100	-	-	40	-	100
	Total	23.00	18	10									1050

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

**Semester - 5**

						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.	
03601313	Farm Tractor Systems and Controls	2.00	2	-	-	20	-	20	60	-	40	-	100
03601314	Farm Tractor Systems and Controls Lab	1.00	-	2	-	-	30	-	-	20	-	20	50
03601315	Agricultural Process Engineering	3.00	3	-	-	20	-	20	60	-	40	-	100
03601316	Agricultural Process Engineering Lab	1.00	-	2	-	-	30	-	-	20	-	20	50
03601317	Entrepreneurship Development and Business Management	3.00	3	-	-	20	-	20	60	-	40	-	100
03601319	Dairy Engineering	2.00	2	-	-	20	-	20	60	-	40	-	100
03601321	Ground Water and Drainage Engineering	2.00	2	-	-	20	-	20	60	-	40	-	100
03601322	Ground Water and Drainage Engineering Lab	1.00	-	2	-	-	30	-	-	20	-	20	50
03601323	Watershed Management	2.00	2	-	-	20	-	20	60	-	40	-	100
03601324	Watershed Management Lab	1.00	-	2	-	-	30	-	-	20	-	20	50
03601325	Agricultural Structures	2.00	2	-	-	20	-	20	60	-	40	-	100
03601326	Agricultural Structures Lab	1.00	-	2	-	-	30	-	-	20	-	20	50
03601327	Design and Maintenance of Green House	2.00	2	-	-	20	-	20	60	-	40	-	100
03601328	Design and Maintenance of Green House Lab	1.00	-	2	-	-	30	-	-	20	-	20	50
	Total	24.00	18	12									1100

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.	
03601354	Industrial and Field Training cum Project Work	18.00	-	36	-	-	40	-	-	60	-	40	100
	Total	18.00		36									100

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