

GUJARAT TECHNOLOGICAL UNIVERSITY
Draft Teaching Scheme for Diploma in Agricultural Engineering
SECOND YEAR - Diploma in Agricultural Engineering

Branch Code: 63

SEMESTER - III

S.N	SUBJECT CODE	SUBJECT	TEACHING			CREDIT (L+P+T)	EXAMINATION SCHEME				TOTAL MARKS
			L	T	P		THEORY		PRACTICAL		
							ESE	PA	ESE	PA	
1	3336301	Engineering Mathematics - II	2	0	2	4	70	30	20	30	150
2	3336302	Water Resources Engineering	2	0	2	4	70	30	20	30	150
3	3336303	Computers Programming and Data Structures	1	0	4	5	70	30	40	60	200
4	3336304	Thermodynamics and Heat Engines	3	0	2	5	70	30	20	30	150
5	3336305	Soil and Water Conservation Engineering	2	0	2	4	70	30	20	30	150
6	3336306	Electrical Circuits	2	0	2	4	70	30	20	30	150
7	3336307	Farm Power Engineering	2	0	2	4	70	30	20	30	150
TOTAL			14	0	16	30	490	210	160	240	1100

SEMESTER - IV

S.N	SUBJECT CODE	SUBJECT	TEACHING			CREDIT (L+P+T)	EXAMINATION SCHEME				TOTAL MARKS
			L	T	P		THEORY		PRACTICAL		
							ESE	PA	ESE	PA	
1	3346301	Farm Machinery and Implements	3	0	2	5	70	30	20	30	150
2	3346302	Non Conventional Energy Sources	3	0	2	5	70	30	20	30	150
3	3346303	Post Harvest Technology	3	0	2	5	70	30	20	30	150
4	3346304	Applied Electronics and Instrumentation	3	0	2	5	70	30	20	30	150
5	3346305	Workshop Technology	2	0	2	4	70	30	20	30	150
6	3346306	Irrigation Technology	3	0	2	5	70	30	20	30	150
7	3346307	Machine Drawing	0	0	4	4	0	0	50	100	150
TOTAL			17	0	16	33	420	180	170	280	1050