

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

**SEMESTER - IV**

S.N	SUBJECT CODE	SUBJECT	TEACHING SCHEME			CREDIT (L+P+T)	EXAMINATION SCHEME				
			L	T	P		THEORY		PRACTICAL		TOTAL MARKS
							ESE	PA	ESE	PA	
1	<a href="#">3346301</a>	Farm Machinery and Implements	3	0	2	5	70	30	20	30	150
2	<a href="#">3346302</a>	Non Conventional Energy Sources	3	0	2	5	70	30	20	30	150
3	<a href="#">3346303</a>	Post Harvest Technology	3	0	2	5	70	30	20	30	150
4	<a href="#">3346304</a>	Applied Electronics and Instrumentation	3	0	2	5	70	30	20	30	150
5	<a href="#">1990001</a>	Contributor Personality Development	4	0	0	4	70	30	0	0	100
6	<a href="#">3346306</a>	Irrigation Technology	3	0	2	5	70	30	20	30	150
7	<a href="#">3346307</a>	Machine Drawing	0	0	4	4	0	0	50	100	150

<b>TOTAL</b>			<b>19</b>	<b>0</b>	<b>14</b>	<b>33</b>	<b>420</b>	<b>180</b>	<b>150</b>	<b>250</b>	<b>1000</b>