

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**Teaching Scheme for Diploma in Aeronautical Engineering**  
**THIRD YEAR - Diploma in Aeronautical Engineering**

**SEMESTER - V**

S.N	SUBJECT CODE	SUBJECT	TEACHING SCHEME			CREDIT (L+P+T)	EXAMINATION SCHEME				TOTAL MARKS
			L	T	P		THEORY		PRACTICAL		
							ESE	PA	ESE	PA	
1	<a href="#">3350101</a>	BASICS OF AERODYNAMICS	4	0	2	6	70	30	20	30	150
2	<a href="#">3350102</a>	AIRCRAFT MAINTENANCE-I	3	0	2	5	70	30	20	30	150
3	<a href="#">3350103</a>	INTRODUCTION TO AIRFRAME STRUCTURE	4	0	2	6	70	30	20	30	150
4	<a href="#">3350104</a>	FUNDAMENTALS OF PROPULSION	4	0	2	6	70	30	20	30	150
5	<b>3350105</b>	PROJECT-I	0	0	4	4	0	0	40	60	100
6		ELECTIVE I	4	0	0	4	70	30	0	0	100
<b>TOTAL</b>			<b>19</b>	<b>0</b>	<b>12</b>	<b>31</b>	<b>350</b>	<b>150</b>	<b>120</b>	<b>180</b>	<b>800</b>

**ELECTIVE I**

<a href="#">3350106</a>	AIRPORT OPERATIONS
<a href="#">3350107</a>	MANAGEMENT & ENTREPRENEURSHIP

**SEMESTER - VI**

S.N	SUBJECT CODE	SUBJECT	TEACHING SCHEME			CREDIT (L+P+T)	EXAMINATION SCHEME				TOTAL MARKS
			L	T	P		THEORY		PRACTICAL		
							ESE	PA	ESE	PA	
1	<a href="#">3360101</a>	AIRPLANE PERFORMANCE & STABILITY	4	1	0	5	70	30	20	30	150
2	<a href="#">3360102</a>	COMPUTER AIDED MODELLING & DESIGN	2	0	4	6	70	30	20	30	150
3	<a href="#">3360103</a>	BASIC AVIONICS	4	0	0	4	70	30	0	0	100
4	<a href="#">3360104</a>	AIRCRAFT MAINTENANCE-II	4	0	2	6	70	30	20	30	150
5	3360105	PROJECT-II	0	0	6	6	0	0	50	100	150
6		ELECTIVE II	4	0	0	4	70	30	0	0	100
<b>TOTAL</b>			<b>18</b>	<b>1</b>	<b>12</b>	<b>31</b>	<b>350</b>	<b>150</b>	<b>110</b>	<b>190</b>	<b>800</b>

**ELECTIVE II**

<a href="#">3360106</a>	ROBOTICS & AUTOMATED MATERIAL HANDLING
<a href="#">3360107</a>	AIRCRAFT NAVIGATION & RADIO SYSTEMS