

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**  
**CHOICE BASED CREDIT SYSTEM (CBCS)**  
**SCHEME OF TEACHING AND EXAMINATION 2015-2016**

**B.E. AERONAUTICAL ENGINEERING**

**III SEMESTER**

S l. N o	Subject Code	Title	Teachin g Dept.	Teaching Hours /Week		Examination				Cred its
				The ory	Practi cal/ Drawi ng	Durati on	Theory / Practic al Marks	I.A. Mark s	Total Marks	
1	15MAT31	ENGINEERING MATHEMATICS -III	Mathema tics	04		03	80	20	100	4
2	15AE32	ELEMENTS OF AERONAUTICS		04		03	80	20	100	4
3	15AE33	AERO THERMODYNA MICS		04		03	80	20	100	4
4	15AE34	MECHANICS OF MATERIALS		04		03	80	20	100	4
5	15AE35	MECHANICS OF FLUIDS		04		03	80	20	100	4
6	15AE36	MEASUREMEN T & METROLOGY		04		03	80	20	100	4
7	15AEL37A/ 15AEL37B	MEASUREMEN T AND METROLOGY LAB/ MATERIAL TESTING LAB			1I+2P	03	80	20	100	2
8	15AEL38	MACHINE SHOP LAB			1I+2P	03	80	20	100	2
<b>TOTAL</b>				<b>24</b>	<b>6</b>	<b>24</b>	<b>640</b>	<b>160</b>	<b>800</b>	<b>28</b>

**1. Core subject:** This is the course, which is to be compulsorily studied by a student as a core requirement to complete the requirement of a programme in a said discipline of study.

**2a. Foundation Course:** The courses based upon the content that leads to Knowledge enhancement.

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**IV SEMESTER**

Sl. No	Subject Code	Title	Teaching Dept .	Teaching Hours /Week		Examination				Credits
				Theory	Practical/ Drawing	Duration	Theory/ Practical Marks	I.A. Marks	Total Marks	
1	15MAT 41	ENGINEERING MATHEMATICS-IV	Mathematics	04		03	80	20	100	4
2	15AE42	AERODYNAMICS - I		04		03	80	20	100	4
3	15AE43	AIRCRAFT PROPULSION		04		03	80	20	100	4
4	15AE44	MECHANISMS AND MACHINE THEORY		04		03	80	20	100	4
5	15AE45	AIRCRAFT MATERIAL SCIENCE		04		03	80	20	100	4
6	15AE46	TURBOMACHINES		04		03	80	20	100	4
7	15AEL47A/ 15AEL47B	MATERIAL TESTING LAB/ MEASUREMENT AND METROLOGY LAB			1I+2 P	03	80	20	100	2
8	15AEL48	COMPUTER AIDED AIRCRAFT DRAWING			1I+2 P	03	80	20	100	2
<b>TOTAL</b>				<b>24</b>	<b>06</b>	<b>24</b>	<b>640</b>	<b>160</b>	<b>800</b>	<b>28</b>

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