

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**  
**SCHEME OF TEACHING AND EXAMINATION - 2015-16**  
**B.E. ELECTRICAL AND ELECTRONICS ENGINEERING**  
**CHOICE BASED CREDIT SYSTEM (CBCS)**

**III SEMESTER**

Sl. No	Subject Code	Subject (Course)	Title	Teaching Dept.	Teaching Hours /Week		Examination				Credits
					Theory	Practical/ Drawing	Duration in hours	I.A. Marks	Theory/ Practical Marks	Total Marks	
1	15MAT31	Core Subject	Engineering Mathematics-III	Mathematics	04	--	03	20	80	100	4
2	15EE32	Core Subject	Electric Circuit Analysis	EEE	04	--	03	20	80	100	4
3	15EE 33	Core Subject	Transformers and Generators	EEE	04	--	03	20	80	100	4
4	15EE 34	Core Subject	Analog Electronic Circuits	EEE	04	--	03	20	80	100	4
5	15EE 35	Core Subject	Digital System Design	EEE	04	--	03	20	80	100	4
6	15EE 36	Foundation Course	Electrical and Electronic Measurements	EEE	04	--	03	20	80	100	4
7	15EE L37	Laboratory	Electrical Machines Laboratory -1	EEE	01-Hour Instruction 02-Hour Practical		03	20	80	100	2
8	15EEL38	Laboratory	Electronics Laboratory	EEE	01-Hour Instruction 02-Hour Practical		03	20	80	100	2
<b>TOTAL</b>					<b>Theory:24 hours Practical: 06 hours</b>		<b>24</b>	<b>160</b>	<b>640</b>	<b>800</b>	<b>28</b>

**Number of credits completed at the end of III semester: 24 + 24 + 28 = 76**

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

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**IV SEMESTER**

Sl. No	Subject Code	Subject (Course)	Title	Teaching Dept.	Teaching Hours /Week		Examination				Credits
					Theory	Practical/ Drawing	Duration in hours	I.A. Marks	Theory/ Practical Marks	Total Marks	
1	15MAT41	Core Subject	Engineering Mathematics-IV	Math - matics	04	--	03	20	80	100	4
2	15EE42	Core Subject	Power Generation and Economics	EEE	04	--	03	20	80	100	4
3	15EE 43	Core Subject	Transmission and Distribution	EEE	04	--	03	20	80	100	4
4	15EE 44	Core Subject	Electric Motors	EEE	04	--	03	20	80	100	4
5	15EE 45	Core Subject	Electromagnetic Field Theory	EEE	04	--	03	20	80	100	4
6	15EE 46	Foundation Course	Operational Amplifiers and Linear ICs	EEE	04	--	03	20	80	100	4
7	15EE L47	Laboratory	Electrical Machines Laboratory -2	EEE	01-Hour Instruction 02-Hour Practical		03	20	80	100	2
8	15EEL48	Laboratory	Op- amp and Linear ICs Laboratory	EEE	01-Hour Instruction 02-Hour Practical		03	20	80	100	2
<b>TOTAL</b>					<b>Theory:24 hours Practical: 06 hours</b>		<b>24</b>	<b>160</b>	<b>640</b>	<b>800</b>	<b>28</b>

**Number of credits completed at the end of IV semester: 24 + 24 + 28 +28 = 104**

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