

**Course of Study and Scheme of Examination**  
**B.E. Electronics & Instrumentation/ Instrumentation and Control**  
**SEMESTER – V**

**Implemented from July 2009**

S.No	Course Category	Course Code (New)	Subject	Period Per Week				Distribution of Marks					
								Theory Exam	Practical Exam	Internal Assessment			Total
										MST	TW	Total	
				L	T	P	C	I	II	III			I+II+III
1.	DC-8	EI501	Microprocessors & Microcontrollers	3	1	2	6	100	50	20	30	50	200
2.	DC-9	EI502	Operating System	3	1	0	4	100	-	20	-	20	120
3.	DC-10	EI503	Communication Engineering	3	1	0	4	100	-	20	-	20	120
4.	DC-11	EI504	Power Electronics	3	1	2	6	100	50	20	30	50	200
5.	DC-12	EI505	Analytical and Industrial Instrumentation	3	1	2	6	100	50	20	30	50	200
6.	DC-13	EI506	MATLAB/ Scilab Programming	0	0	4	4	-	50	-	50	50	100
7.	NECC-5	EI507	Self Study	0	0	1	1	-	-	-	30	30	30
8.	NECC-6	EI508	Seminar / Group Discussion etc.	0	0	1	1	-	-	-	30	30	30
<b>Total</b>				<b>15</b>	<b>5</b>	<b>12</b>	<b>32</b>	<b>500</b>	<b>200</b>	<b>100</b>	<b>200</b>	<b>300</b>	<b>1000</b>

**Minimum  
Pass Marks**  
**(A) Theory:**  
**35 Percent**  
**(B)**  
**Practical:50**  
**Percent**

**Duration:**

**[C] Duration of Theory Paper 3 hrs.**