



**Rajiv Gandhi Technological University, Bhopal (MP)**  
**B.E. (EC) Electronics and Communication Engineering Revised**  
**Syllabus and Scheme of Examination Effective from July 2010**

**EIGHTH SEMESTER**

S. No.	Course Category	Course Codes (New)	Subject	Period Per Week				Distribution of Marks					
								Theory Exam	Practical Exam	Internal Assessment			Total
				L	T	P	C			MST	TW	Total	
1	DC-22	EC-801	Advanced Communication Systems	3	1	2	6	100	50	20	30	50	<b>200</b>
2	DC-23	EC-802	CMOS Circuit Design	3	1	2	6	100	50	20	30	50	<b>200</b>
3	DC-24	EC-803	Nanoelectronics	3	1	0	4	100	-	20	-	20	<b>120</b>
4	DCO(E)-III	Refer Table below	Elective-III	3	1	0	4	100	-	20	-	20	<b>120</b>
5	DC-25	EC-804	Major Project	0	0	8	8	-	200	-	100	100	<b>300</b>
6	NECC-10	EC-805	Self Study	0	0	2	2	-	-	-	30	30	<b>30</b>
7	NECC-11	EC-806	Seminar / Group Discussion etc.	0	0	2	2	-	-	-	30	30	<b>30</b>
<b>TOTAL</b>				<b>12</b>	<b>4</b>	<b>16</b>	<b>32</b>	<b>500</b>	<b>300</b>	<b>80</b>	<b>220</b>	<b>300</b>	<b>1000</b>

<b>ELECTIVE-III</b>	
EC-8101	Advanced Data Networks
EC-8102	Microwave Circuits
EC-8103	Principles of Management & Managerial Economics

Note: 1. Minimum strength of ten students is required to offer an Elective in the college in a particular subject.

**e-Resources-** video and web courses developed by National Programme on Technology Enhanced learning (NPTEL) (A joint venture by IITs and IISc and approved by the Ministry of Human Resources Development, Govt. of India) are available on <http://nptel.iitm.ac.in> and should be regularly used in the digital library/ library.