

**Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal**  
**Course of Study and Scheme of Examination**  
**B.E. Information Technology**  
**SEMESTER – VII**

Revised Syllabus and Scheme of Examination Effective from July 2011-2012

S. No.	Course Category	Course Code (New)	Name of Course	Hours Per week				C R E D I T S C	Distribution of Marks						
				L	T	P	I		II	III	I+II+III	Theory Exam	Practical Block	Internal Assessment	
												MST	TW	Total	
1	DC-19	IT 701	Object Oriented Analysis and Design	3	1	2	6	100	50	20	30	50	200		
2	DC-20	IT 702	Wireless and Mobile Computing	3	1	0	4	100	--	20	--	20	120		
3	DC-21	IT 703	Information Storage & Management	3	1	2	6	100	50	20	30	50	200		
4	DCO(E)-I	Refer table below	Elective I	3	1	0	4	100	--	20	--	20	120		
5	DCO(E)-II	Refer table below	Elective-II	3	1	0	4	100	--	20	--	20	120		
6	DC-22	IT 704	Major Project-I	0	0	4	4	--	50	--	50	50	100		
7	DC-23	IT 705	Industrial Training (Six Weeks)*	0	0	0	4	--	50	--	30	30	80		
8	NECC-9	IT 706	Self Study	0	0	1	1	--	--	--	30	30	30		
9	NECC-10	IT 707	Seminar/Group Discussion etc.	0	0	1	1	--	--	--	30	30	30		
<b>Total</b>				<b>15</b>	<b>5</b>	<b>10</b>	<b>34</b>	<b>500</b>	<b>200</b>	<b>100</b>	<b>200</b>	<b>300</b>	<b>1000</b>		

\* Student will undertake industrial training in the summer break, after VI semester in assessed in VII semester, MST-Mid Semester Test, TW- Term Work.

ELLECTIVE-I									
IT 710	Advanced concepts in database system	IT 711	Simulation and Modeling	IT 712	Human Computer Interaction	IT 713	Automata and Compiler Design		
ELLECTIVE-II									
IT 720	Embedded System	IT 721	E-Commerce and Governance	IT 722	High performance computing	IT 723	Bio-Informatics	IT 724	Unix & Shell Programming

- Note :-** 1. Minimum strength of **Ten Students** is required to offer an Elective in the College in a particular Academic Session.  
2. Choice of Elective Course ones made for an examination cannot be changed for future examinations.