

**Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal**  
**Choice Based Credit System (CBCS)**  
**Scheme of Examination w.e.f.**  
**Bachelor of Engineering (Information Technology)**

**SEMESTER III**

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical			L	T	P	
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/Assignment				
1.	DE	MA-220	Mathematics-III (Departmental Mathematics)	60	10	10	5	5	10	-	-	-	3	1	-	4
2.	DC	IT-221	Analysis and Design of Algorithms	60	10	10	5	5	10	-	-	-	3	1	-	4
3.	DC	IT-222	Digital Circuit and System	60	10	10	5	5	10	10	20	20	3	0	2	4
4.	DC	IT-223	Object Oriented Programming & Methodology	60	10	10	5	5	10	10	20	20	2	1	2	4
5.	DC	IT-224	Discrete Structure	60	10	10	5	5	10	-	-	-	3	1	-	4
6	HU	HU-220	Communication Skills	60	10	10	5	5	10	10	20	20	1	-	2	2
7.		HU-221	Idea Generation	-	-	-	-	-	-	-	-	50	-	-	4	2*
8.		HU-222	Learning Through Experts	-	-	-	-	-	-	-	-	-	0	2	0	2*
			<b>Total</b>	360	60	60	30	30	60	30	60	110	15	6	10	26

**L: Lecture      T: Tutorial      P: Practical**

**Note:**

- For 'Idea Generation', 'Learning through Experts', there will be no examination and credits will be awarded only on the basis of internal assessment.
- Mathematics- III will be a departmental elective subject with content customized to the requirements of parent discipline.