Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
New Scheme of Examination as per AICTE Flexible Curricula
III Semester   **Bachelor of Technology (B.Tech.) [Information Technology]**

S.No.	Subject Code	Category	Subject Name	Maximum Marks Allotted					Total Marks	Contact Hours per week			Total Credits
				Theory			Practical						
				End Sem.	Mid Sem. Exam.	Quiz/ Assignment	End Sem	Term work — Lab Work & Sessional		L	T	P	
1.	ES301	HSMC-3	Energy & Environmental Engineering	70	20	10	-	-	100	3	1	-	4
2.	IT302	DC-1	Discrete Structure	70	20	10	-	-	100	3	1	-	4
3.	IT303	DC-2	Data Structure	70	20	10	30	20	150	3	-	2	4
4.	IT304	DC-3	Object Oriented Programming &Methodology	70	20	10	30	20	150	3	-	2	4
5.	IT305	DC-4	Digital Circuits & System	70	20	10	30	20	150	3	-	2	4
6.	IT306	DLC-3	JAVA Programming Lab	-	-	-	30	20	50	-	-	4	2
7.	BT107	DLC-1	Evaluation of Internship-I completed at I year level	-	-	-	-	50	50			4	2
8.	BT307	DLC-4	90 hrs Internship based on using various software's –Internship -II	To be completed anytime during Third/ fourth semester. Its evaluation/credit to be added in fifth semester.									
			Total	**350**	**100**	**50**	**120**	**130**	**750**	**15**	**2**	**14**	**24**
		NSS/NCC											

1 Hr Lecture	1 Hr Tutorial	2 Hr Practical
1 Credit	1 Credit	1 Credit

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
New Scheme of Examination as per AICTE Flexible Curricula
Bachelor of Technology (B.Tech.) in Information Technology *(w.e.f. July, 2019)*

V Semester

S.No.	Subject Code	Category	Subject Name	Maximum Marks Allotted					Total Marks	Contact Hours per week			Total Credits
				Theory			Practical						
				End Sem.	Mid Sem. Exam.	Quiz/ Assignment	End Sem	Term work / Lab Work & Sessional		L	T	P	
1.	IT 501	DC	Operating System	70	20	10	30	20	150	3	-	2	4
2.	IT 502	DC	Computer Network	70	20	10	30	20	150	3	-	2	4
3.	IT 503	DE	Departmental Elective-I	70	20	10	-	-	100	3	1	-	4
4.	IT 504	OE	Open Elective-I	70	20	10	-	-	100	3	-	-	3
5.	IT 505	D Lab	Advanced Java Lab	-	-	-	30	20	50	-	1	2	2
6.	IT 506	HSMC Lab	Soft Skills and Interpersonal Communication	-	-	-	30	20	50	-	1	2	2
7.	IT 507	IN	Evaluation of Internship-II					100	100			6	3
8.		IN	Internship-III	To be completed anytime during Fifth/Sixth semester. Its evaluation/credit to be added in Seventh Semester.									
9.	IT 508	P	Minor Project I/Seminar	-	-	-	-	50	50	-	-	4	2
10.	Additional Credits#		#Additional credits can be earned through successful completion of credit based MOOC's Courses available on SWAYAM platform (MHRD) at respective UG level.										
			Total	280	80	40	120	230	750	12	3	18	24

Departmental Elective- I
IT 503 (A) Theory of Computation
IT 503 (B) Microprocessor & Interfacing
IT 503 (C) Principles of programming Languages

Open Elective- I
IT 504 (A)   Artificial Intelligence
IT 504 (B)   E Commerce & Governance
IT 504(C)   Java Programming

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
New Scheme of Examination as per AICTE Flexible Curricula
Bachelor of Technology (B.Tech.) [Information Technology] *(w.e.f. July, 2020)*

VII Semester

S.No.	Subject Code	Category	Subject Name	Theory End Sem.	Theory Mid Sem. Exam.	Theory Quiz/ Assignment	Practical End Sem	Practical Term work Lab Work & Sessional	Total Marks	L	T	P	Total Credits
1.	IT-701	DC	Soft Computing	70	20	10	30	20	150	2	1	2	4
2.	IT-702	DE	Departmental Elective	70	20	10	-	-	100	3	1	-	4
3.	IT-703	OE	Open Elective	70	20	10	-	-	100	3	0	0	3
4.	IT-704	D Lab	Cloud Computing Lab	-	--	-	30	20	50	-	-	6	3
5.	IT-705	O/E lab	IoT Lab	-	-	-	30	20	50	-	-	6	3
6.	IT-706	P	Major Project-I	-	-	-	100	50	150	-	-	8	4
7.	IT-707		Evaluation of Internship -III	-	-	-	-	100	100	-	-	6	3
8.	Additional Credits#	*#Additional credits can be earned through successful completion of credit based MOOC's Courses available on SWAYAM platform (MHRD) at respective level.*												UG
9.			Total	210	60	30	190	210	700	8	2	28	24

Departmental Electives	Open Electives
702(A) Data Science	703(A) Cyber Laws and Forensics
702 (B) Cloud Computing	703(B) Internet of Things
702 (C) Simulation and Modeling	703(C) Social Networks
702 (D) Augmented and Virtual Reality	703 (D) Digital Image Processing

1 Hr Lecture	1 Hr Tutorial	2 Hr Practical
1 Credit	1 Credit	1 Credit