

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

III Semester

For batches admitted in July, 17 & July, 18 (w.e.f. July, 2018)

S.No.	Subject Code	Category	Subject Name	Maximum Marks Allotted					Total Marks	Contact Hours per week			Total Credits
				Theory			Practical			L	T	P	
				End Sem.	Mid Sem. Exam.	Quiz/ Assignment	End Sem	Term work Lab Work & Sessional					
1.	BT301	BSC-5	Mathematics-III	70	20	10	-	-	100	3	1	-	4
2.	CE302	DC-1	Construction Materials	70	20	10	-	-	100	3	1	-	4
3.	CE303	DC-2	Surveying	70	20	10	30	20	150	3	-	2	4
4.	CE304	DC-3	Building Planning & Architecture	70	20	10	30	20	150	3	-	2	4
5.	CE305	DC-4	Strength of Materials	70	20	10	30	20	150	3	-	2	4
6.	CE306	DLC-3	Study of Historical & Ancient Civil Engineering Practices	-	-	-	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 softwares –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

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V Semester

S.No.	Subject Code	Category	Subject Name	Maximum Marks Allotted					Total Marks	Contact Hours per week			Total Credits
				Theory			Practical			L	T	P	
				End Sem.	Mid Sem. Exam.	Quiz/ Assignment	End Sem	Term work Lab Work & Sessional					
1.	CE-501	DC	Fluid Mechanics I	70	20	10	30	20	150	2	1	2	4
2.	CE-502	DC	Transportation Engg II	70	20	10	30	20	150	2	1	2	4
3.	CE-503	DE	Departmental Elective	70	20	10	-	-	100	4	-	-	4
4.	CE-504	OE	Open Elective	70	20	10	-	-	100	3	-	-	3
5.	CE-505	D Lab	Quantity surveying & Costing	-	-	-	30	20	50	-	-	4	2
6.	CE-506	O/E Lab	Material Testing Lab	-	-	-	30	20	50	-	-	4	2
7.	CE-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.	CE-508	P	Field Visit, Case Study and 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	11	2	22	24

Departmental Electives	Open Electives
CE503 (A) Structural Analysis-II	CE504 (A) Urban and town planning
CE503 (B) Construction planning and management	CE504 (B) Remote Sensing and GIS
CE503 (C) Quantity surveying & Costing	CE504 (C) Renewable energy resources
CE503 (D) Marine Construction	CE504 (D) Entrepreneurship development and management

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

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VII Semester

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

Departmental Electives	Open Electives
702 (A) Prestressed Concrete Structures	703 (A) Internet of Things
702 (B) Environmental Engg-II	703 (B) Project Management
702 (C) Structural Dynamics	703 (C) Integrated Waste Management
702 (D) Structural Design and Drawing (RCC-II)	703 (D) Building Services

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