

**BACHELOR
IN
CIVIL ENGINEERING**

Year: II

Part: I

Teaching Schedule								Examination Scheme						Total	Remark
S. N.	Course Code	Course Title	Credits	L	T	P	Total	Theory			Practical				
								Assessment Marks	Final		Assessment Marks	Final			
									Duration hours	Marks		Duration hours	Marks		
1	SH 201	Engineering Mathematics III	3	3	2	-	5	40	3	60	-	-	-	100	
2	SH 202	Numerical Methods	3	3	1	3	7	40	3	60	50	-	-	150	
3	CE 201	Fluid Mechanics	4	4	2	1	7	40	3	60	25	-	-	125	
4	CE 202	Theory of Structures I	3	3	2	1	6	40	3	60	25	-	-	125	
5	CE 203	Engineering Survey II	3	3	1	4	8	40	3	60	50	-	-	150	
6	CE 204	Computer Aided Civil Drawing	2	2	-	3	5	20	1.5	30	50	-	-	100	
7	CE 205	Concrete Technology	2	2	-	1	3	20	1.5	30	25	-	-	75	
Total			20	20	8	13	41	240	18	360	225	-	-	825	

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Teaching Schedule								Examination Scheme						Total	Remarks
S. N.	Course Code	Course Title	Credits	L	T	P	Total	Theory			Practical				
								Assessment Marks	Final		Assessment Marks	Final			
									Duration hours	Marks		Duration hours	Marks		
1	SH 251	Communication English	3	3	-	1	4	40	3	60	25	-	-	125	
2	SH 252	Probability and Statistics	3	3	1	-	4	40	3	60	-	-	-	100	
3	CE 251	Hydraulics	4	4	2	1	7	40	3	60	25	-	-	125	
4	CE 252	Theory of Structures II	4	4	2	1	7	40	3	60	25	-	-	125	
5	CE 253	Soil Mechanics	4	4	2	2	8	40	3	60	25	-	-	125	
6	CE 254	Water Supply Engineering	3	3	2	1	6	40	3	60	25	-	-	125	
7	CE 255	Building Technology	2	2	2	-	4	20	1.5	30	-	-	-	50	
8	CE 256	Survey Camp*	2	-	-	-	-	-	-	-	50	-	50	100	
Total			25	23	11	6	40	260	-	390	175	-	50	875	

*10-days survey camp in vacation

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BACHELOR IN CIVIL ENGINEERING

Year: III

Part: I

Teaching Schedule								Examination Scheme						Total	Remark
S. N.	Course Code	Course Title	Credits	L	T	P	Total	Theory			Practical				
								Assessment Marks	Final		Assessment Marks	Final			
									Duration hours	Marks		Duration hours	Marks		
1	CE 301	Design of Timber and Masonry Structures	3	3	1	-	4	40	3	60	-	-	-	100	
2	CE 302	Foundation Engineering	3	3	2	1	6	40	3	60	25	-	-	125	
3	CE 303	Design of Steel Structures	3	3	1	-	4	40	3	60	-	-	-	100	
4	CE 304	Transportation Engineering I	3	3	2	1	6	40	3	60	25	-	-	125	
5	CE 305	Sanitary Engineering	3	3	2	1	6	40	3	60	25	-	-	125	
6	CE 306	Engineering Hydrology	3	3	2	1	6	40	3	60	25	-	-	125	
7	CE 307	Engineering Economics	3	3	1	-	4	40	3	60	-	-	-	100	
Total			21	21	11	4	36	280	-	420	100	-	-	800	

Year: III

Part: II

Teaching Schedule								Examination Scheme						Total	Remark
S. N.	Course Code	Course Title	Credits	L	T	P	Total	Theory			Practical				
								Assessment Marks	Final		Assessment Marks	Final			
									Duration hours	Marks		Duration hours	Marks		
1	CE 351	Estimating and Costing	3	3	1	-	4	40	3	60	-	-	-	100	
2	CE 352	Design of RCC Structures	4	4	2	2	8	40	3	60	25	-	-	125	
3	CE 353	Transportation Engineering II	3	3	2	1	6	40	3	60	25	-	-	125	
4	CE 354	Irrigation and Drainage Engineering	4	4	2	-	6	40	3	60	-	-	-	100	
5	CE 355	Professional and Social Engineering	3	3	1	-	4	40	3	60	-	-	-	100	
6	CE 365	Elective I	3	3	2	1	6	40	3	60	25	-	-	125	
Total			20	20	10	4	34	240	-	360	75	-	-	675	

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 प्राज्ञिक परिषद्को कार्यालय
 कीर्तिपुर
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 Institute of Engineering
 Office of the Dean Pulchowk

**BACHELOR
IN
CIVIL ENGINEERING**

Year: IV

Part: I

Teaching Schedule								Examination Scheme						Total	Remarks
S. N.	Course Code	Course Title	Credits	L	T	P	Total	Theory			Practical				
								Assessment Marks	Final		Assessment Marks	Final			
									Duration hours	Marks		Duration hours	Marks		
1	CE 411	Operations Research	2	2	1	1	4	20	1.5	30	25	-	-	75	
2	CE 412	Project and Construction Engineering	4	4	2	-	6	40	3	60	-	-	-	100	
3	CE 413	Hydropower Engineering	4	4	2	1	7	40	3	60	25	-	-	125	
4	CE 425	Elective II	3	3	2	1	6	40	3	60	25	-	-	125	
5	CE 435	Elective III	3	3	2	1	6	40	3	60	25	-	-	125	
6	CE 414	Project I	2	-	-	-	-	-	-	-	50	-	-	50	
Total			18	16	9	4	29	180	13.5	270	150	-	-	600	

Year: IV

Part: II

Teaching Schedule								Examination Scheme						Total	Remarks
S. N.	Course Code	Course Title	Credits	L	T	P	Total	Theory			Practical				
								Assessment Marks	Final		Assessment Marks	Final			
									Duration hours	Marks		Duration hours	Marks		
1	CE 461	Project II	4	-	-	-	-	-	-	-	100	-	50	150	
2	CE 462	Internship**	6	-	-	-	-	-	-	-	100	-	100	200	
Total			10	-	-	-	-	-	-	-	200	-	150	350	

** 12-weeks internship

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