

NIT GOA - Civil Engineering Curriculum

No.	1st Semester	C	2nd Semester	C	3rd Semester	C	4th Semester	C	5th Semester	C	6th Semester	C	7th Semester	C	8th Semester	C
1	Mathematics-I	4	Mathematics-II	4	Maths - III	3	Maths - IV (Computational methods for civil engineering)	3	Structural Design I (RCC)	3	Elective-I	3	Elective-II	3	Elective-IV	3
2	Physics	3	Material Science	3	Mechanics of Solids	3	Structural Analysis I	3	Structural Analysis II	3	Management	3	Elective-III	3	Elective-V	3
3	Engineering Mechanics	3	Chemistry	3	Mechanics of Fluids	3	Surveying	3	Economics	3	Structural Design II (Steel)	3	Major Project - I	4	Elective-VI	3
4	Computer Programming and Problem solving (theory and Lab)	4	Elements of Mechanical Engineering	2	Earth Sciences	3	Building Materials and Construction Technology	3	Environmental Studies	1	Water Resources Engg.	3	Professional Practice (Construction planning & management)	3	Major Project - II	6
5	Professional Communication	3	Basic electrical science	3	Planning and Functional Design of Buildings	3	Environmental Engineering I	3	Transportation Engg. I	3	Transportation Engg. II	3	Estimation, Costing & Specifications	3		
6	Engineering Drawing	3	Physical Education	1	Value Education	1	Geotechnical Engineering I	3	Geotechnical Engg. II	3	Environmental Engg. II	3	Summer Project/Training	1		
7									Professional Communication-II and Language Lab	3			Seminar	2		
Lab	Lab		Lab		Lab		Lab		Lab		Lab		Lab		Lab	
1	Physics Laboratory	2	Workshop Practices	2	Fluid Mechanics Lab	2	Surveying	2	Transportation Engg.	2	Minor project	2				
2			Chemistry-Laboratory	2	Material Testing I	2	Material Testing II	2	Building Design & Drawing	2	Structural Design and Drawing	2				
			Basic electrical science Lab	2	Geology Lab	2	Geotechnical Engg.	2			Environmental Engg.	2				
		22		22		22		24		23		24		19		15
																171

C Credits

Common Course across all Branches of NIT Goa

Total Credit Requirement for the Award of Degree should be 171