

Reference book for Civil Engineering GATE

Section	Topic	Subject	Name of the Book	Author		
1	Structural Engineering	Engineering Mechanics	Engineering Mechanics	Dr.R.K.Rajput		
			Engineering Mechanics	Dr.R.K.Bansal		
		Solid Mechanics	Strength Of Materials	B.C. Punamia		
			Strength Of Materials	Dr. Sadhu Singh		
			Strength Of Materials	S.S.Rattan		
		Structural Analysis	Structural Analysis	Dr.R.Vaidyanathan/P. Perumal		
			Theory Of Structures Vol.-I,II	Dr.Pandit & Gupta		
			Basic Structural Analysis	Dr. C S Reddy		
		Construction Material And Management	Construction Planning & Management	U. K. Shrivastava		
			Building Material	Dr.S.K. Duggal		
			Concrete Technology	Dr,M.L.Gambhir		
		Concrete Structures	R. C. C. Design	Pillai & Menon		
			R. C. C. Design	P.C.Varghese		
			R. C. C. Design	IS: 456-2000		
		Steel Structures	Steel Design	Dr.S.K. Duggal		
			Steel Design	N.Subramanian		
		2	Geotechnical Engineering	Soil Mechanics & Foundation Engineering	Basic And Applied Soil Mechanics	Ranjan & Rao
					Soil Mechanics & Foundation Engineering	Dr.P.N. Modi
					Soil Mechanics & Foundation Engineering	Dr. B. C. Punamia

3	Water Resources Engineering	Fluid Mechanics & Hydraulics	Fluid Mechanics & Fluid Machines	Modi & Seth
			Fluid Mechanics & Hydraulic Machines	K. Subramanya
			Fluid Mechanics & Fluid Power Engineering	Dr. D.S. Kumar
			Fluid Mechanics	Dr.R.K.Rajput
		Hydrology	Hydrology & Water Resources Engineering	S.K. Garg
			Engineering Hydrology	K. Subramanyam
		Irrigation	Irrigation Engineering & Hydraulic Structures	S.K. Garg
			Water Resources	S.K. Garg
4	Environmental Engineering	Water And Waste Water	Environmental Engineering(Vol.I)	
			Environmental Engineering(Vol.II)	S.K. Garg
		Municipal Solid Wastes	Waste Water Engineering	Metcalf & Eddy
		Air Pollution Noise Pollution	Environmental Pollution Control Engineering	C.S.Rao
5	Transportation Engineering	Transportation Infrastructure	Highway Engineering	Khanna & Justo
		Highway Pavements	Highway Engineering	L R Kadiyali N.B. Lal
		Railway Engineering	Railway Engineering	Saxena & Arora
		Airport Planning & Design	Airport Planning & Design	Khanna,Arora & Jain
		Traffic Engineering	Traffic Engineering	L R Kadiyali
6	Geomatics Engineering	Geomatics Engineering	Surveying	S.K.Duggal Vol-I,II
			Surveying And Levelling	N.N. Basask
			Surveying	B.C. Punamia I, II, III