

**Reference book for Civil Engineering ESE**

Section	Subject	Name of the Book	Author
1	Building Material	Building Material	Dr.S.K. Duggal
		Civil Engineering Materials	Technical Teachers Training Institute Chandigarh
		Engineering Materials	S.C Rangwala
	Concrete	Concrete Technology	Dr,M.L.Gambhir
	Solid Mechanics	Mechanics of Materials	B.C. Punamia
		Strength of Materials	Dr. Sadhu Singh
		Strength of Materials	S.S.Rattan
		Analysis of Structures	Vazarani,Ratwani,Duggal
		Strength of Materials	L.S.Negi
	Structural Analysis	Structural Analysis	Negi .Jangid
		Structural Analysis	Dr.R.Vaidyanathan/P.Perumal
		Theory of Structures Vol.-I,II	Dr.Pandit & Gupta
		Basic Structural Analysis	Dr. C S Reddy
		Theory of Structures	B.C. Punamia
		Structural Analysis	D.S.Prakash Rao
	Design of Steel Structures	Design of Steel Structures	L.S.Negi
		Design of Steel Structures	S.K.Duggal
		Design of Steel Structures	B.C. Punamia
		Design of Steel Structures	Subramanian
	Design of Concrete And Masonry Structures	Reinforced Concrete Design	Pillai & Menon
		Limit State Design of Reinforced Concrete	P.C.Varghese
		R. C. C. Designs	B.C. Punamia
		Reinforced Concrete Limit State Design	A.K.Jain
		Design of Reinforced Concrete Structures	M.L.Gambhir
		Prestressed Concrete	N Krishna Raju
		Code of Practice	IS 456:2000
	Construction Practice, Planning And Management	Construction Equipment And Its Management	S.C.Sharma
Construction Planning & Management		U. K. Shrivastava	
2	Fluid Mechanics, Open Channel Flow, Pipe Flow: Hydraulic Machines And	Hydraulics& Fluid Mechanics Including Hydraulics Machines	Modi & Seth
		Fluid Mechanics & Hydraulic Machines	K. Subramanya
		Fluid Mechanics	Dr.R.K.Rajput
		Fluid Mechanics & Fluid Power Engineering	Dr. D.S. Kumar

	Hydropower		
	Hydrology And Irrigation	Hydrology & Water Resources Engineering Vol I	S.K. Garg
		Engineering Hydrology	K. Subramanyam
		Irrigation Engineering & Hydraulic Structures	S.K. Garg
3	Environmental Engineering (A)Water Supply Engineering (B)Waste Water Engineering (C)Solid Waste Management (D)Air And Noise Pollution And Ecology	Environmental Engineering( Vol.I) Water Supply Engineering	S.K. Garg
		Environmental Engineering(Vol.II) Sewage Disposal And Air Pollution Engineering	S.K. Garg
		Water Supply And Waste Water Engineering	BSN RAJU
		Waste Water Engineering	Metcalf & Eddy
		Environmental Engineering(Vol.I) Water Supply Engineering	B.C. Punamia
		Environmental Engineering(Vol.II) Waste Water Engineering	B.C. Punamia
4	Soil Mechanics & Foundation Engineering	Basic And Applied Soil Mechanics	Ranjan & Rao
		Soil Mechanics & Foundation Engineering	Dr. B. C. Punamia
		Soil Mechanics & Foundation Engineering	Dr.P.N. Modi
5	Surveying	Surveying	S.K.Duggal Vol-I,II
		Surveying	B.C. Punamia I, II, III
		Advanced Surveying	S.Gopi, R.Sathikumar, N.Madhu
		Surveying And Levelling	N.N. Basask
	Transportation Engineering	Highway Engineering	Khanna & Justo
		Highway Engineering	L R Kadiyali N B Lal
		Principles of Transportation And Highway Engineering	G.V.Rao
		Traffic Engineering	L R Kadiyali
		Railway Engineering	Saxena & Arora
		Railway Engineering	M.M.Agarwal
		Airport Planning & Design	Khanna,Arora & Jain
Harbour ,Dock And Tunnel Engineering	R.Srinivasan		