

**Reference book for Civil Engineering MPPSC (AE)**

<b>Section</b>	<b>Subject</b>	<b>Name of the Book</b>	<b>Author</b>
<b>CIVIL ENGINEERING PAPER - I</b>			
1.Structural Analysis	Structural Analysis	Structural Analysis I,II	S.S.Bhavikatti
		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
		Theory of Structures	S.Ramamurtham,R.Narayan
2.Structural Design	(1) Steel Design	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	S.S.Bhavikatti
	(2) R.C.C. Design	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	S.Ramamurtham
		Prestressed Concrete	N Krishna Raju
	Code of Practice	IS 456:2000	
3.Construction Planning and Management	Construction Planning and Management	Construction Engineering and Management	S.Seetharaman
		Construction Planning & Management	U. K. Shrivastava
	Estimate and costing	Estimating and costing in civil Engineering	B.N.Dutta
4.Environmental Engineering	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

**CIVIL ENGINEERING PAPER - II**

1. Water Resources Engineering	Hydrology and Irrigation	Hydrology & Water Resources Engineering Vol I	S.K. Garg
		Irrigation Engineering	B.C. Punamia
		Irrigation Engineering & Hydraulic Structures	S.K. Garg
2. Transportation Engineering	Highways	Highway Engineering	Khanna & Justo
		Highway Engineering	L R Kadiyali N B Lal
	Traffic Engineering	Traffic Engineering	L R Kadiyali
	Railways	Railway Engineering	Saxena & Arora
		Railway Engineering	M.M. Agarwal
	Airports	Airport Planning & Design	Khanna, Arora & Jain
Bridge Engineering	Principles and Practices of Bridge Engineering	S.P. Bindra	
3. Geotechnical Engineering	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
		Soil Mechanics & Foundation Engineering	Dr.K.R. Arora
		Soil Mechanics & Foundation Engineering	S.K. Garg