

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 |