

# Government College of Engineering, Yavatmal

## Department of Civil Engineering

### Required List of Books for Sesion 2022-23

Sr. No.	Name of Book	Author	Publisher	No. of Copies
1	A Practical Guide to Microstructural Analysis of Cementitious Materials, 2015	Karen Scrivener, Ruben Snelling, Barbara Lothenbach	CRC Press.	5
2	Handbook of Analytical Technique in Concrete Science & Technology	V.S.Ramchandaran and James J.Beaudoin,Eds.	Andrew Publishing, New York	5
3	Concrete Pertography - A Handbook of Invistigative Techniques	D A St. John, A.W.Poole, and I. Sims	Arnold Publishing, New York.	5
4	Materials Science & Engineering An Introduction 6 <sup>th</sup> Edition	William D. Callister	John Wiley and Sons	5
5	Construction Materials- Their Nature and Behaviour 3 <sup>rd</sup> Edition	J.M.Illston and P.L.J.Domone	Spon Press	5
6	Materials Science of Concrete, Volumes I- VII	Jan Skanly, Editor	American Ceramic Society	5
7	The Science & Techonology of Civil Engineering Materials	J.F.Young,S. Midness, R.J.Gray And A.Bentur	Prentice Hall	5
8	Automation Systems in Smart & Green Buildings	Jain Y.K.	ISBN No: 978-81-7409-237-3	10
9	Reinforced Concrete Design Vol.1 & 2	B.C. Punamia	Laxmi Publication Pvt. Ltd.,	10
10	Limit State Design of reinforced Concrete	Varghese P.C.	Prentice Hall of India	10
11	Limit State theory and Design.	Karve & Shah,	Structure Publication, Pune	10
12	A Course in Railway Eng.	Saxena & Harbour	Dhanpat Rai & Sons Publication, Delhi	10

13	Dock And Harbour Engg.	Oza H.P. & Oza G.H.	Chartor Publishing, Anand	10
14	Transportation Engg.	Arora N.L.	IPH New Delhi	10
15	Bridge, Tunnel and Railway Engg.	Bindra S.P.	Dhanpat Rai & Sons New Delhi	10
16	Bridge Engineering	Rangwala S.C.	Chartor Publishing, Anand	10
17	Airport Engineering	Rangwala S.C.	Chartor Publishing, Anand	5
18	Estimating & Costing	Datta B.N.	U.B.S. Publishers	5
19	Professional Practice Estimating, Costing & Valuation	-----	Lakhmi Book Depot.	5
20	Civil Engg. Contracts Estimating	Universities Press Hydrabad	Universities Press Hydrabad	5
21	Estimating & Costing	Birdi G.S.	Dhanpat Rai & Sons New Delhi	5
22	Estimating & Costing	Chakraborty Y.M.	M Chakraborty Publication	5
23	Air Pollution	M.and Rao H.V.N.	Tata McGraw Hill Pub.Co. Ltd., New Delhi	10
24	Air Pollution and Control	Murali Krishan K.V. S.G.(2017)	Jain Brothers, Mumbai	10
25	Irrigation and Water Power Engineering	B.C. Punamia, Pandey B.B. & Lal	Standard Publishers	10
26	Irrigation Engg. & Hydraulics Structure Vol. 1	Garg S.K.	Khanna Publishers,New Delhi	10
27	Irrigation Engg. & Hydraulics Structure Vol. 2	Garg S.K.	Khanna Publishers	10
28	Engineering Hydrology	Subramanya K.	McGraw Hill Education	5

29	A Text Book of Hydrology	P.Jaya Rami Reddy	University Science Press.	5
30	Irrigation Water Resources and Water Power Engg.	Dr. P.N.Modi	Standard Book House	10
31	Design Of Steel Structure	S.K.Duggal	Tata McGraw Hill Pub.Co. Ltd., New Delhi	10
32	Fundamentals of Structural Steel Design	M.L.Gambhir	Tata McGraw Hill Pub.Co. Ltd., New Delhi	5
33	Design Of Steel Structure	L.S.Negi	Tata McGraw Hill Pub.Co. Ltd., New Delhi	5
34	Design Of Steel Structure Vol- 1	Chandra Ram	Standard Book House	5
35	Design Of Steel Structure Vol- 2	Chandra Ram	Standard Book House	5
36	Design Of Steel Structure	-----	Pearson Education	5
37	Highway Engineering	Khanna and Justo	Nemchand & Bros. Roorki	10
38	Railway Engineering	S.C.Saxena & S.P.Arora.	Dhanpat Rai & Sons Publication,	10
39	Traffic & Highway Engineering	Garber N.J. & Hoel L.A.	West Publishing Company	10
40	Basic Structural Analysis	Reddy C.S.	Tata McGraw Hill Pub.Co. Ltd., New Delhi	10
41	Structural Analysis	B.C. Punamia	Laxmi Publication Pvt.	10
42	Theory of Structure	Ramamuttha M.S. & Narayan R.	Building Construction	10
43	Statically Indeterminate Structures	Wang C.K.	Tata McGraw Hill Pub.Co.	10
44	Soil Mechanics & Foundation Engineering	Arora K.R.	Standard Publication New	10
45	Soil Mechanics & Foundation Engineering	B.C. Punamia	Laxmi Publication Pvt.	10

46	Geotechnical Engineering	Kasamalkar B.J.	Vidyarthi Griha Prakashan Pune	10
47	Soil Mechanics & Foundation Engineering	Murthy V.N.S.	U.S.B. Publishers & Distributors New Delhi	10
48	Building Construction	B.C. Punamia & A.K.Jain	Laxmi Publication Pvt.	10
49	Text Book of Building Construction	S.P.Arora. & S.P. Bindra	Dhanpat Rai & Sons New Delhi	10
50	Building Construction 10 <sup>th</sup> edition 2010	Kumar Sushil	Standard Publication New Delhi	10
51	Building Construction Materials & Techniques	P.Purushottam Raj	Pearson Education	10
52	Air pollurion	Rao & Rao	Tata McGraw Hill Pub.Co.	10
53	Water Supply Engineering	Garg S.K.	Khanna Publishers,New Delhi	10
54	Water Supply & Sanitary Engineering 8 <sup>th</sup> Edition	Birdie J.S. & Birdie G.S.	Dhanpat Rai & Sons New Delhi	10
55	Environmental Engineering	Peavy & Rowe	McGraw Hill Pub.Co.	10
56	Environmental Engineering, Vol. I to IV	Stern	McGraw Hill Pub.Co.	10
57	Environmental Engineering	Fair & Geyer	McGraw Hill Pub.Co.	10
58	Environmental Engineering	Steel & McGhee	McGraw Hill Pub Co	10
59	Environmental Chemistry	Sharma & Kaur	Goyal Publishers	10
60	Water Supply & Pollution Control	Viessman & Hammer	Harper Collins College	10
61	Water Supply & Tratment Manual	-----	Government of India Publication	10
62	Strength of Materials	Singer F.L. & Pytle	Harper Collins College	10
63	Mechanics of Structure	Junnarkar S.B.	Chartor Publishing, Anand	10
64	Strength of Materials	Khumari R.S.	S.Chand	10
65	Mechanics of Materials	B.C. Punamia	Laxmi Publication Pvt.	10
66	Regional Planning in India	Chand M & Puri U.K.(1983)	Allied Publishers, New Delhi	10
67	Guide to Green Building Rating Systems	Reeder, L. Hoboken, N.J.	John Wiely & Sons, Inc 2010	10

68	Rural Development of india	Desai V.( 2005)	Himalaya Publication,	10
69	Basic Principals for Sustainable Development	Harris J.M. (2204)	Global Development & Environment	10
70	Management & Engineering Economics 4 <sup>th</sup> Edition	Taylor G.A.	McGraw Hill Pub.Co	10
71	CPM PERT	Shrinath L.S.	Affiliated East West Press Ltd.	10
72	Concrete Technology 15 <sup>th</sup> Edition 2015	Gambhir M.K.	McGraw Hill Pub.Co	10
73	Concrete Technology	Shetty M.S.	S.Chand 2005	10
74	Concrete Technology	Krisnaswamy	Dhanpat Rai & Sons New Delhi	10
75	Design Of Steel Structure	S.K.Duggal	Tata McGraw Hill Pub.Co. Ltd., New Delhi	10
76	Fundamentals of Structural Steel Design	Gambhir M.K.	Tata McGraw Hill Pub.Co. Ltd., New Delhi	5
77	Design Of Steel Structure	L.S.Negi	Tata McGraw Hill Pub.Co. Ltd., New Delhi	5
78	Design Of Steel Structure	S.K.Sairam	Pearson Education	5
79	Design Of Steel Structure	S.S. Bhavikevsti	I.K.International Publishing House	5
80	Foundation Engineering	Kasamalkar B.J.	Pittsburgh Vintage Grand	5
81	Foundation Design manual	Nayak N.V.	Dhanpat Rai & Sons New Delhi	5
82	Foundation Engineering (5th Edition)	Brahma S.P.	Tata McGraw Hill Pub.Co. Ltd., New Delhi	5
83	Principal of geotechnical Engineering (9 <sup>th</sup> Edition)	Braja Das	Engage Learning	5
84	Limit State theory and Design.	Karve & Shah,	Structure Publication, Pune	5
85	Reinforced Concrete Design (Limit State)	Jain A.K	Nemchand & Bros. Roorkee	5
86	Reinforced Concrete Design Vol.1 & 2	Sinha S.N.	Tata McGraw Hill Pub.Co. Ltd., New Delhi	5
87	Limit State Design of Reinforced Concrete	Varghese P.C.	Prentice Hall of India	5

88	Limit State Design of Reinforced Concrete Structures	Mehra H. & V.N. Vazirani	Khanna Publishers, New Delhi ISBN	5
89	Limit State Design of Reinforced Concrete Structures	V.N. Vazirani & Ratwani M.M.	Khanna Publishers, New Delhi ISBN No. 078 81 7400	5
90	Highway Engineering	Khanna S.K.	-----	3
91	Transportation Engineering	Arora N.L.	-----	3
92	Highway Engineering	Bindra & Arora	Standard Publication New	3
93	Transportation Engineering Vol-I	V.N. Vazirani & Chandola S.P.	Khanna Publishers, New	3
94	Transportation Engineering Vol-II	V.N. Vazirani & Chandola S.P.	Khanna Publishers, New	3
95	Road Techniques	Shahani P.B.	Khanna Publishers, New	3
96	Traffic Engineering & Transport Planning	Kadiyali L.R.	Khanna Publishers, New Delhi	3