



COMPETE INDIA ZONE

AN ENGINEERING ENTERPRISE BY IITians

Recommended Books

Civil Engineering (CE)

S.No.	Subject Name	Book	Author
1	Strength of Materials (SOM)	Compete India Digest: Strength of Materials	Compete India Zone (CIZ)
		Strength of Materials for solved problems	B.C. Punmia
		Strength of Materials for unsolved problems	L. Singer
		Strength of Materials for transformation of stresses, properties of metals	E. Popov
		A text book on Strength of Materials	Dr. U. C. Jindal
		Strength of Materials/Mechanics of Structure for properties of metals, principal axis, etc	Gere & Timoshenko
2	Theory of Structures/Analysis of structure	Compete India Digest: Structural Analysis	Compete India Zone (CIZ)
		Theory of Structures/Analysis of Structure	S. Ramamrutham
		Theory of Structures/Analysis of Structure	L.S. Negi & Jangid
		Theory of Structures/Analysis of Structure	Gupta & Pandit, C. S. Reddy
3	R. C. C. Design	Compete India Digest: Reinforced Concrete and Cement	Compete India Zone (CIZ)
		R.C.C Design	IS: 456-2000
		R.C.C Design	A. K. Jain, S. N. Sinha B. C. Punmia, N. Krishanrajan
4	Steel Design	Compete India Digest: Steel Structures	Compete India Zone (CIZ)
		Steel Design	IS: 800-1984 Bhavi Katti
		Steel Design	L. S. Negi Subramanian S. K. Duggal
		Compete India Digest: Environmental Engineering	Compete India Zone (CIZ)

5	Environmental Engineering	Environmental Engineering	B. C. Punmia Part-I & Part-II
		Environmental Engineering	Metcalf & Eddy
		Environmental Engineering	S. K. Garg Part-I & Part-II
		Environmental Engineering	Peavy & Rowe
6	Soil Mechanics & Foundation Engineering	Compete India Digest: Geotechnical Engineering	Compete India Zone (CIZ)
		Soil Mechanics & Foundation Engineering	B. C. Punmia
		Soil Mechanics & Foundation Engineering	S. K. Garg
		Soil Mechanics & Foundation Engineering	Gopal Ranjan & Rao
7	Fluid Mechanics & Fluid Machines (FM)	Compete India Digest: Fluid Mechanics	Compete India Zone (CIZ)
		Fluid Mechanics & Fluid Machines	Modi & Seth
		Fluid Mechanics & Fluid Machines	R. K. Bansal
		Fluid Mechanics & Fluid Machines	K. Subramanya
		Fluid Mechanics & Fluid Machines	A. K. Jain
8	Highway Engineering	Compete India Digest: Transportation Engineering	Compete India Zone (CIZ)
		Highway Engineering	L. R. Kadiyali, S. K. Sharma
		Highway Engineering	Khanna & Justo
9	Surveying	Compete India Digest: Surveying	Compete India Zone (CIZ)
		Surveying	B. C. Punamia I, II, III
10	Hydrology	Compete India Digest: Hydrology Engineering	Compete India Zone (CIZ)
		Hydrology Engineering	K. Subramanyam
11	Irrigation Engineering	Compete India Digest: Irrigation Engineering	Compete India Zone (CIZ)
		Water Resources	S. K. Garg
12	Rank Booster	Compete India Digest: Rank Booster	Compete India Zone (CIZ)

Mechanical Engineering (ME)

S.No.	Subject Name	Book	Author
1	Strength of Materials (SOM)	Compete India Digest: Strength of Materials	Compete India Zone (CIZ)
		Strength of Materials	B.C. Punmia
		Strength of Materials	Timoshenko
		Strength of Materials	Rama Murtham
2	Operations Research	Compete India Digest: Operations Research	Compete India Zone (CIZ)
		Operations Research	Kanti Swarup
3	Industrial Engineering	Compete India Digest: Industrial Engineering	Compete India Zone (CIZ)
		Industrial Engineering	Buffa & Sarin
4	Production Engineering	Compete India Digest: Production Engineering	Compete India Zone (CIZ)
		Production Engineering	Kalpika Jain, Amitabh Ghosh & A.K. Malik
		A text book on Production Engineering	Dr. Swadesh Singh
5	Material Science	Compete India Digest: Material Science	Compete India Zone (CIZ)
		Material Science	U. C. Jindal, W.D. Callister, I.P. Singh
6	Machine Design	Compete India Digest: Machine Design	Compete India Zone (CIZ)
		Machine Design	Shigley, V.B. Bhandari
7	Mechanical Vibration	Compete India Digest: Mechanical Vibration	Compete India Zone (CIZ)
		Mechanical Vibration	Grover
8	Theory of Machines	Compete India Digest: Theory of Machines	Compete India Zone (CIZ)
		Theory of Machines	R.S. Khurmi, Malik & Ghosh
9	Fluid Machinery	Compete India Digest: Fluid Machinery	Compete India Zone (CIZ)
		Fluid Machinery	D.S. Kumar, R.K. Bansal
10	Refrigeration & Air Conditioning	Compete India Digest: Refrigeration and Air Conditioning	Compete India Zone (CIZ)

		Refrigeration & Air Conditioning	C.P. Arora, Domkundwar
11	Heat and Mass Transfer	Compete India Digest: Heat and Mass Transfer	Compete India Zone (CIZ)
		Heat & Mass Transfer	J.P. Hollman & R.C. Sachdeva
12	Fluid Mechanics	Compete India Digest:	Compete India Zone (CIZ)
		Fluid Mechanics	Modi & Seth, R.K. Bansal
13	Engineering Thermodynamics	Compete India Digest: Engineering Thermodynamics	Compete India Zone (CIZ)
		Engg. Thermodynamics	P.K. Nag
14	I. C. Engine	Compete India Digest: I. C. Engine	Compete India Zone (CIZ)
		I.C. Engine	M.L. Mathur, R.P. Sharma
15	Engineering Mathematics	Compete India Digest: Engineering Mathematics	Compete India Zone (CIZ)
16	Engineering Materials	Compete India Digest: Engineering Materials	Compete India Zone (CIZ)
		Material Science & Metallurgy	Dr. U.C. Jindal
17	Verbal & Numerical Ability	Compete India Digest: Verbal & Numerical Ability	Compete India Zone (CIZ)
18	Previous Solved Papers	Compete India Digest: Previous IES/GATE Solved Papers	Compete India Zone (CIZ)

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Electrical Engineering (EE)

S.No.	Subject Name	Book	Author
1	Electrical Machine	Compete India Digest: Electrical Machine	Compete India Zone (CIZ)
		Electrical Machinery (Edition 7)	P. S. Bimbhra
2	Signal and System	Compete India Digest: Signal and System	Compete India Zone (CIZ)
		Signal and Systems (Edition 2)	Oppenheim Alan v, Willsky Alan S, Nawab S. Hamid
3	Control System	Compete India Digest: Control System	Compete India Zone (CIZ)
		Control Systems Engineering (Edition 5)	I.J.Nagrath M. Gopal
4	Electromagnetic Fields	Compete India Digest: Electromagnetic Field	Compete India Zone (CIZ)
		Engineering Electromagnetic (Edition 8)	William H Hayt John A Buck.
5	Measurements	Compete India Digest: Electrical & Electronics Measurement	Compete India Zone (CIZ)
		A Course in Electrical And Electronic Measurements And Instrumentation (Edition 7)	A.K Sawhney
6	Power Electronics	Compete India Digest: Power Electronics	Compete India Zone (CIZ)
		Power Electronics (Edition 5)	P.S.Bimbhra
7	Analog & Digital Electronics	Compete India Digest: Analog and Digital Electronics	Compete India Zone (CIZ)
		Integrated Electronic. Analog and Digital Circuits and Systems (Edition 2)	Christos C. Halkias Chetan D. Parikh Jacob Millman
8	Electrical Circuits	Compete India Digest: Electrical Circuits	Compete India Zone (CIZ)
		Fundamentals of Electric Circuits (Edition 5)	Matthew N.O. Sadiku
		Circuit Theory: Analysis & Synthesis (Edition 6)	Charles K. Alexander.
9	Engineering Mathematics	Compete India Digest: Engineering Mathematics	Compete India Zone (CIZ)
		Higher Engineering Mathematics (Edition 43)	B.S. Grewal
10	Aptitude	Compete India Digest: General Aptitude	Compete India Zone (CIZ)
		Quantitative Aptitude For Competitive Examinations (Edition 7)	R.S. Aggarwal
11	Previous Solved Papers	Compete India Digest: Previous IES/GATE Solved Papers	Compete In dia Zone (CIZ)

Electronics & Communications Engineering (ECE)

S.No.	Subject Name	Book	Author
1	Electronic Devices	Compete India Digest: Electronic Devices and Circuits	Compete India Zone (CIZ)
		Semiconductor Physics and Devices	Donald A. Neamen
		Electronic Devices and Circuits	Jacob Millman & Halkias
2	Signal and System	Compete India Digest: Signal and System	Compete India Zone (CIZ)
		Signal and Systems	Oppenheim Alan v, Willsky Alan S, Nawab S. Hamid
3	Control System	Compete India Digest: Control System	Compete India Zone (CIZ)
		Linear Control System	B.S. Manke
4	Electromagnetic Fields	Compete India Digest: Electromagnetic Field	Compete India Zone (CIZ)
		Engineering Electromagnetic (Edition 8)	William H Hayt John A Buck.
5	Network Theory	Compete India Digest: Network Theory	Compete India Zone (CIZ)
		Networks and Systems	D. Roy Chaudhury
6	Power Electronics	Compete India Digest: Power Electronics	Compete India Zone (CIZ)
		Power Electronics (Edition 5)	P.S.Bimbhra
7	Analog & Digital Electronics	Compete India Digest: Analog and Digital Electronics	Compete India Zone (CIZ)
		Integrated Electronic. Analog and Digital Circuits and Systems (Edition 2)	Christos C. Halkias Chetan D. Parikh Jacob Millman
8	Communication System	Compete India Digest: Communication System	Compete India Zone (CIZ)
		Modern Digital and Analog Comm. System.	BP Lathi
		Electronic Comm. Systems	Kennedy and Davis
9	Engineering Mathematics	Compete India Digest: Engineering Mathematics	Compete India Zone (CIZ)
		Higher Engineering Mathematics (Edition 43)	B.S. Grewal
10	Microprocessor	Compete India Digest: Microprocessor	Compete India Zone (CIZ)
		Microprocessor Architecture, Programming & Application	Ramesh S. Gaonkar
11	Previous Solved Papers	Compete India Digest: Previous IES/GATE Solved Papers	Compete India Zone (CIZ)

Computer Science Engineering (CSE)

S.No.	Subject Name	Book	Author
1	Programming & Data Structure	Compete India Digest: Data Structure	Compete India Zone (CIZ)
		The C programming language	Brian W. Kernighan
		Classic Data Structures (Edition 2)	Debasis Samants
2	Algorithms	Compete India Digest: Algorithms	Compete India Zone (CIZ)
		Introduction to Algorithms	Thomas H. Cormen, Charles E.
3	Computer Networks	Compete India Digest: Computer Networks	Compete India Zone (CIZ)
		Computer Networking: A top-Down Approach (Edition 6)	James F. Kurose, Keith W. Ross
4	Operating Systems	Compete India Digest: Operating System	Compete India Zone (CIZ)
		Operating System Concepts (Edition 6)	Silberschatz, Galvin Gagne
5	Theory of Computation	Compete India Digest: Theory of Computation	Compete India Zone (CIZ)
		An Introduction to Formal Languages and Automata (Edition 5)	Peter Linz
6	Computer Organization & Architecture	Compete India Digest: Computer architecture	Compete India Zone (CIZ)
		Computer Organization and Architecture (Edition 7)	Hamacher, Vranesic, Zaky
7	Digital Logic	Compete India Digest: Digital Logic	Compete India Zone (CIZ)
		Digital Logic & Computer Design (Edition 1)	M. Morrios Mano
8	Compiler Design	Compete India Digest: Compiler Design	Compete India Zone (CIZ)
		Compilers: Principles, Techniques and Tools	Alfred V. Aho, Ravi Sethi
9	Engineering Mathematics	Compete India Digest: Engineering Mathematics	Compete India Zone (CIZ)
		Higher Engineering Mathematics (Edition 43)	B.S. Grewal
10	Aptitude	Compete India Digest: General Aptitude	Compete India Zone (CIZ)
		A Modern Approach to Verbal & Non-Verbal Reasoning	R.S. Aggarwal
11	Previous Solved Papers	Compete India Digest: Previous /GATE Solved Papers	Compete India Zone (CIZ)