

**Dr. Ambedkar Institute of Technology, Bengaluru -56**

**List of Engineering Books in following departemnt**



**Civil Engineering Dept.**

Sl.	Author	Title	Publisher/Edition	Qty.	Rate Rs.
1	Rajendra Prasad	Analysis of Determinate structures	Sapna Book house Publishers	1	
2	Vaidyanathan	Analysis of Indeterminate	Laxmi Publications	1	
3	Vaidyanathan	Structural Analysis Vol-1	Laxmi Publications	1	
4	Bryan Stafford Smith,Alex Coll	Structural Analysis Vol-2	Yes Dee Publishing Pvt.Ltd	1	
5	Johnson Victor	Tall Building Structures	Oxford & IBH publishing Co. Pvt.	1	
6	Duggal	Design of Bridge structures	Tata Mc Graw Hill Publishing	1	
7	Weaver W , Gere JH	Steel structures	VAN NOSTRAND REINHOLD Publishers	1	
8	Rajashekhar	Matrix Analysis of Frames structures	PHI Learning Publishers	1	
9	Computational Structural Mechanics	Fundamentals of occupational safety and health (5 Nos)	Published in the USA by Govt institute, an imprint of the Scarecrow Press line	1	
10	Ramarutham	Design of Reinforced Concrete structures(5No)	Dhanpath Rai Publishers	1	
11	N.Subraminan	Design of Reinforced	Oxford Publishers	1	
12	Charles D Reese	Occupational Safety and Health	CRC press,Taylor and Francis Ltd,ISBN:9781138748835	1	
13	Rani Sudhakar paul T	Occupational Safety and Health	Create space independent publishing platform,ISBN:9781983673436	1	
14	Meha Joshi	Occupational Safety and Health	Scholar's press,ISBN:9783659843044	1	
15	S C Sharma and Vineet Kumar	Safety, Occupational Health and Environmental management in construction	Khanna publisher,ISBN:9788174092700	1	
16	Philomena M Bluysen	The Health Indoor Environment	CRC press,Taylor and Francis group	1	
17	K Subramanya	Engineering Hydrology	McGraw Hill Education(India) Pvt Ltd(New Delhi),4th Edition	1	
18	Dr P Jaya Rami Reddy	A Textbook of hydrology	Laxmi Publications(New Delhi),3rd Edition	1	
19	George Tchofanoglous,Hilary Theisen,Samuel A Vigil	Integrated Solid Waste Management	Mc Graw Hill	1	
20	KVGK Gokhale	Principles of engineering	B.S. Publication	1	
21	Vinay kumar Pandey,Ajai Mishra	Handbook of engineering geology	CBS publishers and distributors	1	
22	Subinoy gangopadhyay	Engineering Geology	Oxford university press	1	
23	George technologous	Integrated solid waste	Mc Graw Hill	1	
24	G S Birdie and J S Berdie	Water supply and sanitary engineering	Dhonpath Rai publishing company	1	
25	M N Rao	Air pollution	Tata MC Graw Hill	1	
26	T N Ramamurthy, T G Sitharam	Geotechnical engineering	S Chand	1	

27	Dr. K R Arora	Soil mechanics and Foundation Engineering	Standard publisher/7th edition	1	
28	Dr. B C Punmia, Ashok Kumar, Arun Kumar Jain	Soil Mechanics and Foundations	Laxmi publishers/16th edition	1	
29	S K Garg	Soil Mechanics and	Khanna publishers	1	
30	Dr A K Jain	Fluid Mechanics	Khanna publishers	1	
31	R K Rajput	A textbook of fluid mechanics and hydraulic Machines	S Chand/6 <sup>th</sup> edition	1	
32	S Ramamrutham	Hydraulics fluid mechanics and fluid mechanics	Dhanpat Rai publishing company	1	
33	R S Khurmi, N Khurmi	Hydraulics, Fluid Mechanics and Hydraulic Machines	S Chand	1	
34	T. Pailay Pristley	Design of Reinforced concrete and masonry buildings	WAP India pvt ltd	1	
35	C V R Murthy	Earthquake tips learning earthquake design and construction of building	NICEE, IIT Kanpur	1	
36	Svetlanta Brzev	Earthquake Resistant Confined masonry construction	NICEE, IIT Kanpur	1	
37	N Channakesavulu	Tetbook of engineering	Laxmi publications	1	
38	D Venkat Reddy	Engineering Geology	Vikas	1	
39	M Anji Reddy	Textbook of remote sensing geographical information systems	B S Publications, 4th edition	1	
40	John R Jensen	Remote Sensing of the environment	Pearson Education India 2 <sup>nd</sup> edition	1	
41	L R A Narayana	Remote sensing and its applications	Universities press	1	
42	P Kumar Mehta	Concrete: Microstructures, properties and materials	2014 Mc Graw Hill education, 4th edition	1	
43	Singiresu S Rao	The finite element method in engineering	Katey Birtcher/6th edition	1	
44	S S Bhavikhatti	Finite Element analysis	New age international publishers	1	

  
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**Mechanical Engg. Dept.**

Sl.	Author	Title	Publisher/Edition	Qty.	Rate Rs.
1	K.R.Gopalakrishna	Elements of Mechanical		1	
2	S.K.H. Chowdhary, A.K.H. Chowdhary and Nirjhar Roy,	Elements of Workshop Technology - Vol 1 & 2		1	
3	K.R. Gopalakrishna,	Engineering Graphics		1	
4	K.R. Gopalakrishna, Sudhir Gopalakrishna,	Computer aided Engineering drawing		1	
5	M H Annaiah, Rajashekar patil	Computer aided Engineering drawing		1	
6	S. Trymbaka Murthy	Computer Aided Engineering		1	
7	Dr. R.K. Bansal,	A Textbook of Fluid Mechanics and Hydraulic		1	
8	Suhas V Patankar	Numerical heat transfer and fluid flow		1	
9	John A. Goldak	Computational welding mechanics	(Spinger)	1	
10	S S Bhavikatti	Theory of plates and Shells		1	
11	Noah D Manring, John wiley (Second Edition)	Hydraulic Control systems		1	
12	Qin Zhang, (Taylor and francis-Second Edition)	Basics of Hydraulic systems		1	
13	Chua C K, Leong K F, Lim C S	Rapid Prototyping		1	
14	A Ghosh, A K Mallik	Theory of mechanism and machines		1	
15	K J Waldron, G L Kinzel	Kinematics, Dynamics and Design of Machinery		1	
16	K S Fu, R C Gonzalez and CSG Lee	Robotis		1	
17	R K Rajput	Heat and Mass Transfer SI Unit		1	
18	V Ganeshan	Gas Turbine		1	
19	R Yadav	Steam and Gas Turbine		1	
20	Martin H Sadd,	Elasticity, Theory, Applications and Numerical,	Elsevier 2005	1	
21	Rao S S,	Finite element methods in engineering,	4th edition, Elsevier 2006,	1	
22	P Sheshu	Text book of Finite element Analysis		1	
23	J N Reddy, McGraw hill, 2006	Introduction to Finite element method.		1	
24	S S Rao	Mechanical Vibrations, pearson education,	4th edition	1	
25	S Graham Kelley	Mechanical Vibrations,		1	
26	V B Bandari	Design of machine elements		1	
27	Shigley	Mechanical Engineering Design		1	
28		Corrosion Tests and standards		1	

29	Beer, E Jhonson and John Dewolf	Mechanics of materials,	8th edition,	1	
30		ASTM Standard Hand book		1	
31	S Kocanda	Fatigue failure of metals		1	
32	Zeigler Brett	Metal fatigue and fracture testing and analysis		1	
33	A V Srinivasan, D Michael, Mc Farland	Smart Structure: Analysis and Design		1	
34	Huei-Huang Lee	Finite Element Simulations with ANSYS Workbench 18		1	
35	R K Rajput	Refrigeration and Air conditioning		1	
36	John B Heywood	Internal Combustion Engines Fundamentals		1	
37	H P Garg, T Prakash	Solar Energy Fundamentals and applications		1	
38	A Goetzberger, V U Hoffmen	Photo Voltaic Solar Energy Generation -	Springer	1	
39	W. E. EDER	MECHANICAL SYSTEM DESIGN,	Pergamon press :oxford	1	
40	Harrison Kim, Papalambros , P.Y. and Wilde, D	Principles of Optimal Design	(2nd Ed.), Cambridge University Press,	1	
41	K U Siddiqui, Manoj kumar singh.	MECHANICAL SYSTEM DESIGN,	New age international publications,	1	
42	Suhas V Patankar	Numerical Heat Transfer and Fluid Flow		1	

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