



الكتب المنهجية والكتب المساعدة للمواد الدراسية لقسم هندسة تقنيات ميكانيك القوى

No.	Text Books	Stage	Subject Name
1	Calculus and Analytic Geometry by Thomas.	1st Stage	Mathematics – I
2	Advanced Engineering Mathematics by Kreyszig.	1st Stage	Mathematics – I
3	Microelectronic Circuits by Adel S. Sedra& Kenneth C. Smith. University Physics by Sears & Zemansky (4th Edition).	1st Stage	Engineering Physics
4	Physics by Robert Renick& David Halliday Circuit Analysis by John R. O'Malley. Electronics Circuits Discrete & Integrated by Schilling and Belove.	1st Stage	Engineering Physics
5	Jain P.C. and Monica Jain, "Engineering Chemistry", Dhanpat Rai Publishing Company (P) Ltd., New Delhi, 2010	1st Stage	Engineering Chemistry
6	Kannan P., Ravikrishnan A., "Engineering Chemistry", Sri Krishna Hi-tech Publishing Company Pvt. Ltd. Chennai, 2009	1st Stage	Engineering Chemistry
7	William E. Boyce and Richard C. Dippina, "Elementary Differential Equations and Boundary Value Problems", Tenth Edition, 2012, John Wiley, ISBN-13: 978 -0470458310.	1st Stage	Mathematics - II
8	Erwin Kreyszig, "Advanced Engineering Mathematics", Tenth Edition, 2011, John Wiley & Sons, ISBN -13: 978-0470458365.	1st Stage	Mathematics - II
9	Beer, F.P and Johnston Jr. E.R., "Vector Mechanics for Engineers (In SI Units): Statics and Dynamics", 8th Edition, Tata McGraw-Hill Publishing company, New Delhi (2004).	1st Stage	Engineering Mechanics - Static
10	Hibbeler, R.C and Ashok Gupta, "Engineering Mechanics: Statics and Dynamics", 11th Edition, Pearson Education 2010.	1st Stage	Engineering Mechanics - Static
11	Nag.P.K., "Engineering Thermodynamics", 4th Edition, Tata McGraw-Hill, New Delhi, 2008.	1st Stage	Thermodynamics-I
12	Natarajan E., "Engineering Thermodynamics: Fundamentals and Applications", Anuragam Publications, 2012.	1st Stage	Thermodynamics-I
13	Beer, F.P and Johnston Jr. E.R., "Vector Mechanics for Engineers (In SI Units): Statics and Dynamics", 8th Edition, Tata McGraw-Hill Publishing company, New Delhi (2004).	1st Stage	Engineering Mechanics - Dynamic
14	Hibbeler, R.C and Ashok Gupta, "Engineering Mechanics: Statics and Dynamics", 11th Edition, Pearson Education 2010.	1st Stage	Engineering Mechanics - Dynamic
15	Nag.P.K., "Engineering Thermodynamics", 4th Edition, Tata McGraw-Hill, New Delhi, 2008.	1st Stage	Thermodynamics-II
16	Natarajan E., "Engineering Thermodynamics: Fundamentals and Applications", Anuragam Publications, 2012	1st Stage	Thermodynamics-II
17	Avner., S.H., "Introduction to Physical Metallurgy", McGraw Hill Book Company, 1994.	1st Stage	Engineering Materials And Metallurgy
18	Williams D Callister, "Material Science and Engineering", Revised Indian edition, Wiley India Pvt Ltd, 2007	1st Stage	Engineering Materials And Metallurgy
19	Fundamentals of Engineering Drawing by French & Vierck.	1st Stage	Engineering Drawing
20	Getting started with Solid Edge. Version 12, by Unigraphics Solution Inc.	1st Stage	Engineering Drawing
21	Fundamentals of drafting with AutoCAD LT by Paul Wallach, Dean Chowenhill& James Cullen.	1st Stage	Engineering Drawing
22	Engineering Circuit Analysis by WillianHayt&Kemmerly.	1st Stage	DC Circuits Analysis
23	Engineering Circuit Analysis by James W. Nilsson. Introduction to Electric Circuits by Richard C. Dorf.	1st Stage	DC Circuits Analysis
24	Strength of Materials 4th edition, singer	2nd Stage	Strength of Materials

25	Strength of Materials, Timoshenko	2nd Stage	Strength of Materials
26	Fundamentals of Fluid Mechanics, 7th Edition, Bruce R. Munson. Theodore H. Okiishi. Alric P. Rothmayer John Wiley & Sons, Inc.1, 2013	2nd Stage	Fluid Mechanics and Power System
27	FLUID MECHANICS FUNDAMENTALS AND APPLICATIONS, Yunus A. Çengel And John M.Cimbala, Published By Mcgraw-Hill, 2006	2nd Stage	Fluid Mechanics and Power System
28	Engineering Fundamentals of The Internal Combustion Engine By Willard W. Pulkrabek University of Wisconsin. Platteville	2nd Stage	Internal Combustion Engines
29	Internal Combustion Engines And Air Pollution By: E.F.Obert Publisher: Intext Educational Publishers (1973).	2nd Stage	Internal Combustion Engines
30	Introduction To Internal Combustion Engines, By: Richard Stone, Pub.: Macmillan (1992) - Usa.	2nd Stage	Internal Combustion Engines
31	Internal Combustion Engines By Fernando Salazar, Printed On April 30, 1998	2nd Stage	Internal Combustion Engines
32	R.S. KHURMI & J.K. GUPTA, Machine Design(SI Units) EURASIA PUBLISHING HOUSE (PVT.) LTD. RAM NAGAR, NEW DELHI-110 055	3rd Stage	Design
33	Khurmi, R. et al.; Theory of Machines, 14th ed.; S. Chand & Co. Ltd., New Dehli 2005; ISBN 9788121925242	3rd Stage	Theory of Machines
34	AUTOMOTIVE TECHNOLOGY principles,Diagnosis and Services fourth edition James D.Hilderman	3rd Stage	AUTOMOTIVE TECHNOLOGY
35	Automobile Electrical and Electronic Systems, Tom Denton, Fourth Edition	3rd Stage	Automotive electronics and computer controls
36	Vehicle engine, M. Khovach	4th Sage	Vehicles Dynamics
37	Motor Vehicle Science, P.W. Kett, Springer Science & Business Media, 2012,	4th Sage	Theory of Vehicles
38	Advanced Engine Performance Diagnosis sixth edition James D.Hilderman	4th Sage	Advanced Faults Diagnosis