

# Fluid Mechanics By Khurmi

GETTING THE BOOKS **FLUID MECHANICS BY KHURMI** NOW IS NOT TYPE OF CHALLENGING MEANS. YOU COULD NOT FORLORN GOING SUBSEQUENT TO BOOK DEPOSIT OR LIBRARY OR BORROWING FROM YOUR FRIENDS TO GAIN ACCESS TO THEM. THIS IS AN UTTERLY SIMPLE MEANS TO SPECIFICALLY GET GUIDE BY ON-LINE. THIS ONLINE DECLARATION FLUID MECHANICS BY KHURMI CAN BE ONE OF THE OPTIONS TO ACCOMPANY YOU IN THE SAME WAY AS HAVING OTHER TIME.

IT WILL NOT WASTE YOUR TIME. BOW TO ME, THE E-BOOK WILL UNQUESTIONABLY SPREAD YOU ADDITIONAL THING TO READ. JUST INVEST TINY TIME TO CONTACT THIS ON-LINE PROCLAMATION **FLUID MECHANICS BY KHURMI** AS COMPETENTLY AS EVALUATION THEM WHEREVER YOU ARE NOW.

**HYDRAULICS, FLUID MECHANICS AND HYDRAULIC MACHINES** - RS KHURMI | N KHURMI 1987-05

THE FAVOURABLE AND WARM RECEPTION, WHICH THE PREVIOUS EDITIONS AND REPRINTS OF THIS POPULAR BOOK HAS ENJOYED ALL OVER INDIA AND ABROAD HAS BEEN A MATTER OF GREAT SATISFACTION FOR ME.

**TEXTBOOK OF THERMAL ENGINEERING** - J. K. GUPTA 1997

**A TEXTBOOK OF MACHINE DESIGN** - RS KHURMI | JK GUPTA 2005

THE PRESENT MULTICOLOR EDITION HAS BEEN THOROUGHLY REVISED AND BROUGHT UP-TO-DATE. MULTICOLOR PICTURES HAVE BEEN ADDED TO ENHANCE THE CONTENT VALUE AND TO GIVE THE STUDENTS AN IDEA OF WHAT HE WILL BE DEALING IN REALITY, AND TO BRIDGE THE GAP BETWEEN THEORY AND PRACTICE. THIS BOOK HAS ALREADY BEEN INCLUDED IN THE 'SUGGESTED READING' FOR THE A.M.I.E. (INDIA) EXAMINATIONS.

**A TEXT BOOK OF FLUID MECHANICS (IN MKS AND SI UNITS)**. - R. S. KHURMI 1983

**THERMAL ENGINEERING** - R.K. RAJPUT 2005

*THEORY OF MACHINES* - RS KHURMI | JK GUPTA 2005

WHILE WRITING THE BOOK, WE HAVE CONTINUOUSLY KEPT IN MIND THE EXAMINATION REQUIREMENTS OF THE STUDENTS PREPARING FOR U.P.S.C. (ENGG. SERVICES) AND A.M.I.E. (I) EXAMINATIONS. IN ORDER TO MAKE THIS VOLUME MORE USEFUL FOR THEM, COMPLETE SOLUTIONS OF THEIR EXAMINATION PAPERS UP TO 1975 HAVE ALSO BEEN INCLUDED. EVERY CARE HAS BEEN TAKEN TO MAKE THIS TREATISE AS SELF-EXPLANATORY AS POSSIBLE. THE SUBJECT MATTER HAS BEEN AMPLY ILLUSTRATED BY INCORPORATING A GOOD NUMBER OF SOLVED, UNSOLVED AND WELL GRADED EXAMPLES OF ALMOST EVERY VARIETY.

*MECHANICAL ENGINEERING ( OBJECTIVE TYPE)* - R.S. KHURMI & J.K. GUPTA 2006

**THEORY OF STRUCTURES** - RS KHURMI | N KHURMI 2000-11

I FEEL ELEVATED IN PRESENTING THE NEW EDITION OF THIS STANDARD TREATISE. THE FAVOURABLE RECEPTION, WHICH THE PREVIOUS EDITION AND REPRINTS OF THIS BOOK HAVE ENJOYED, IS A MATTER OF GREAT SATISFACTION FOR ME. I WISH TO EXPRESS MY SINCERE THANKS TO NUMEROUS PROFESSORS AND STUDENTS FOR THEIR VALUABLE SUGGESTIONS AND RECOMMENDING THE PATRONISE THIS STANDARD TREATISE IN THE FUTURE ALSO.

**OPEN CHANNEL HYDRAULICS** - TERRY W. STURM 2001

THE BOOK IS INTENDED FOR ADVANCED UNDERGRADUATES AND FIRST-YEAR GRADUATE STUDENTS IN THE GENERAL FIELDS OF WATER RESOURCES AND ENVIRONMENTAL ENGINEERING. IT OFFERS A SELECTIVE PRESENTATION OF SOME OF THE MOST COMMON PROBLEMS ENCOUNTERED BY PRACTICING ENGINEERS WITH THE INCLUSION OF RECENT RESEARCH ADVANCES AND PERSONAL COMPUTER APPLICATIONS.

**STRENGTH OF MATERIALS** - R. S. KHURMI 2008-01-01

THE PRESENT EDITION OF THIS BOOK IS IN S.I. UNITS TO MAKE THE BOOK REALLY USEFUL AT ALL LEVELS, A NUMBER OF ARTICLES AS WELL AS SOLVED AND UNSOLVED EXAMPLES HAVE BEEN ADDED. THE MISTAKE, WHICH HAD CREPT IN, HAVE BEEN ELIMINATED. THREE NEW CHAPTERS OF THICK CYLINDRICAL AND SPHERICAL SHELLS, BENDING OF CURVED BARS AND MECHANICAL PROPERTIES OF MATERIALS HAVE ALSO BEEN ADDED.

*CIVIL ENGINEERING* - R. S. KHURMI 2000-11-01

**HYDRAULICS AND FLUID MECHANICS INCLUDING HYDRAULICS MACHINES** - P. N. MODI 2002

THE POPULARITY OF ALL THE EARLIER THIRTEEN EDITIONS OF THE BOOK AMONG THE STUDENTS AS WELL AS THE TEACHERS HAS MADE IT POSSIBLE TO BRING OUT THE FOURTEENTH EDITION OF THE BOOK SO SOON. IN THIS EDITION THE BOOK HAS BEEN BROUGHT OUT IN A-4 SIZE THEREBY CONSIDERABLY ENHANCING THE GENERAL GET-UP OF THE BOOK. THE BOOK IN THIS FOURTEENTH EDITION IS ENTIRELY IN SI UNITS AND IT HAS BEEN THOROUGHLY REVISED IN THE LIGHT OF THE VALUABLE SUGGESTIONS RECEIVED FROM THE LEARNED PROFESSORS AND THE STUDENTS OF THE VARIOUS UNIVERSITIES. ACCORDINGLY SEVERAL NEW ARTICLES HAVE BEEN ADDED. THE ANSWERS OF ALL THE ILLUSTRATIVE EXAMPLES AND THE PROBLEMS HAVE BEEN CHECKED AND CORRECTED. MOREOVER, SEVERAL NEW PROBLEMS FROM THE LATEST QUESTION PAPERS OF THE DIFFERENT UNIVERSITIES AS WELL AS COMPETITIVE EXAMINATIONS HAVE BEEN INCORPORATED. THUS, IT MAY BE EMPHATICALLY STATED THAT THE BOOK IS COMPLETE IN ALL RESPECTS AND IT COVERS THE ENTIRE SYLLABUS IN THE SUBJECT FOR DEGREE STUDENTS IN THE DIFFERENT BRANCHES OF ENGINEERING FOR ALMOST ALL THE UNIVERSITIES. THEREFORE THIS SINGLE BOOK

FULFILLS THE ENTIRE NEEDS OF THE STUDENTS INTENDING TO APPEAR AT THE VARIOUS UNIVERSITY EXAMINATIONS AND ALSO FOR THOSE INTENDING TO APPEAR AT THE VARIOUS COMPETITIVE EXAMINATION SUCH AS ENGINEERING SERVICES AND THE ICS EXAMINATIONS AND FOR THOSE PREPARING FOR AMIE EXAMINATIONS. OUTSTANDING FEATURES " TWENTY NINE CHAPTERS COVERING ENTIRE SUBJECT MATTER OF FLUID MECHANICS, HYDRAULICS AND HYDRAULIC MACHINES. " SI UNITS USED FOR THE ENTIRE BOOK " MORE THAN 200 MULTIPLE CHOICE QUESTIONS WITH ANSWERS " APPENDIX CONTAINING COMPUTER PROGRAMS TO SOLVE PROBLEMS OF UNIFORM AND CRITICAL FLOWS IN OPEN CHANNELS. " TEN APPENDIXES DEALING WITH SOME IMPORTANT TOPICS.

*FLUID MECHANICS & HYDRAULIC MACHINES* - R. K. RAJPUT 2008

THE ENTIRE BOOK HAS BEEN THOROUGHLY REVISED BY ADDING ADEQUATE TEXT AND A LARGE NUMBER OF TYPICAL EXAMPLES SELECTED FROM VARIOUS UNIVERSITIES AND COMPETITIVE EXAMINATIONS QUESTION PAPERS. BESIDES THIS, LABORATORY EXPERIMENTS HAVE ALSO BEEN ADDED AT THE END OF THE BOOK TO MAKE IT STILL MORE A COMPREHENSIVE AND COMPLETE UNIT IN ALL RESPECTS.

A TEXTBOOK OF FLUID MECHANICS - R. S. KHURMI 1980

**A TEXTBOOK OF FLUID MECHANICS** - R. K. BANSAL 2005-02

**ENGINEERING FLUID MECHANICS** - K L KUMAR 2008

IT IS A LONG WAY FROM THE FIRST EDITION IN 1976 TO THE PRESENT SIXTH EDITION IN 1995. THIS EDITION IS DEDICATED TO THE MEMORY OF PROF. S.P. LUTHRA (ONCE HEAD, APPLIED MECHANICS DIRECTOR, IIT DELHI) WHO WROTE THE FOREWORD TO ITS FIRST EDITION. SO MANY FACULTY MEMBERS AND STUDENTS FROM DIFFERENT PARTS OF THE COUNTRY AND FROM ABROAD HAVE ACCEPTED THE TEXT AND CONTRIBUTED TO ITS DEVELOPMENT. THE BOOK HAS BEEN IMPROVED AND UPDATED WITH EVERY EDITION.

**ENGINEERING FLUID MECHANICS SOLUTION MANUAL** -

**BASIC MECHANICAL ENGINEERING** - RAJPUT 2002

A TEXT BOOK OF HYDRAULICS, FLUID MECHANICS AND HYDRAULIC MACHINES - R. S. KHURMI 1970

A TEXTBOOK OF POWER PLANT ENGINEERING - R. K. RAJPUT 2008

*HYDRAULIC MACHINES: FLUID MACHINERY* - R. K. SINGAL 2013-12-30

HYDRAULIC MACHINES (FLUID MACHINERY) HAS BEEN DESIGNED AS A TEXTBOOK FOR ENGINEERING STUDENTS SPECIALIZING IN MECHANICAL, CIVIL, ELECTRICAL, HYDRAULICS, CHEMICAL AND POWER ENGINEERING. THE HIGHLIGHTS OF THE BOOK ARE SIMPLE LANGUAGE SUPPORTED BY ANALYTICAL AND GRAPHICAL ILLUSTRATIONS. A LARGE NUMBER OF THEORY QUESTIONS AND NUMERICAL PROBLEMS WITH SOLUTION HINTS HAVE BEEN ANNEXED AT THE END OF EVERY CHAPTER. A LARGE NUMBER OF OBJECTIVE QUESTIONS HAVE BEEN INCLUDED TO HELP THE STUDENTS OPTING FOR COMPETITIVE EXAMINATIONS. FIVE CASE STUDIES BASED ON RESEARCH HAVE BEEN INCLUDED WHICH CAN BE ADVANTAGEOUSLY USED BY PRACTISING ENGINEERS PURSUING RESEARCH DESIGN AND CONSULTANCY CAREERS. COMPLETE DESIGN OF HYDRAULIC MACHINES HAS BEEN DEMONSTRATED WITH THE HELP OF SUITABLE EXAMPLES. THE BOOK HAS BEEN DIVIDED INTO SIX PARTS CONTAINING 13 CHAPTERS.

**A TEXTBOOK OF MANUFACTURING TECHNOLOGY** - R. K. RAJPUT 2007

*A TEXT BOOK OF FLUID MECHANICS* - R. S. KHURMI 1989

*TEXTBOOK OF FLUID MECHANICS* - R.S. KHURMI 1987-06-01

**MECHANICAL ENGINEERING (O.T.)** - DR. R.K. BANSAL 2001

**HYDRAULICS, FLUID MECHANICS AND HYDRAULIC MACHINES** - RS KHURMI | N KHURMI 1987-05

THE FAVOURABLE AND WARM RECEPTION, WHICH THE PREVIOUS EDITIONS AND REPRINTS OF THIS POPULAR BOOK HAS ENJOYED ALL OVER INDIA AND ABROAD HAS BEEN A MATTER OF GREAT SATISFACTION FOR ME.

**A TEXT BOOK OF FLUID MECHANICS** - R. S. KHURMI 1982

**A TEXT BOOK OF HYDRAULICS, FLUID MECHANICS AND HYDRAULIC MACHINES** - R. S. KHURMI 1982

HEAT AND MASS TRANSFER : A TEXTBOOK FOR THE STUDENTS PREPARING FOR B.E., B.TECH., B.SC. ENGG., AMIE, UPSC (ENGG. SERVICES) AND GATE EXAMINATIONS - R. K. RAJPUT 2007

THE ENTIRE BOOK HAS BEEN THOROUGHLY REVISED AND A LARGE NUMBER OF SOLVED EXAMPLES UNDER HEADING ADDITIONAL/TYPICAL WORKED EXAMPLES (QUESTIONS SELECTED FROM VARIOUS UNIVERSITIES AND COMPETITIVE EXAMINATIONS) HAVE BEEN ADDED AT THE END OF THE BOOK.

*A TEXTBOOK OF FLUID MECHANICS AND HYDRAULIC MACHINES* - R. K. BANSAL 2010-06

FLUID MECHANICS AND FLUID POWER - T. PRABU 2021-08-03

THIS BOOK COMPRISES SELECT PROCEEDINGS OF THE 46TH NATIONAL CONFERENCE ON FLUID MECHANICS AND FLUID POWER (FMFP 2019). THE CONTENTS OF THIS BOOK FOCUS ON AERODYNAMICS AND FLOW CONTROL, COMPUTATIONAL FLUID DYNAMICS, FLUID STRUCTURE INTERACTION, NOISE AND AERO-ACOUSTICS, UNSTEADY AND PULSATING FLOWS, VORTEX DYNAMICS, NUCLEAR THERMAL HYDRAULICS, HEAT TRANSFER IN NANOFUIDS, ETC. THIS BOOK SERVES AS A USEFUL REFERENCE BENEFICIAL TO RESEARCHERS, ACADEMICIANS AND STUDENTS INTERESTED IN THE BROAD FIELD OF MECHANICS. ^

**FLUID MECHANICS AND MACHINERY** - DURGAIAH D. RAMA 2007

THIS BOOK PRESENTS A THOROUGH AND COMPREHENSIVE TREATMENT OF BOTH THE BASIC AS WELL AS THE MORE ADVANCED CONCEPTS IN FLUID MECHANICS. THE ENTIRE RANGE OF TOPICS COMPRISING FLUID MECHANICS HAS BEEN SYSTEMATICALLY ORGANISED AND THE VARIOUS CONCEPTS ARE CLEARLY EXPLAINED WITH THE HELP OF SEVERAL SOLVED EXAMPLES. APART FROM THE FUNDAMENTAL CONCEPTS, THE BOOK ALSO EXPLAINS FLUID DYNAMICS, FLOW MEASUREMENT, TURBULENT AND OPEN CHANNEL FLOWS AND DIMENSIONAL AND MODEL ANALYSIS. BOUNDARY LAYER FLOWS AND COMPRESSIBLE FLUID FLOWS HAVE BEEN SUITABLY HIGHLIGHTED. TURBINES, PUMPS AND OTHER HYDRAULIC SYSTEMS INCLUDING CIRCUITS, VALVES, MOTORS AND RAM HAVE ALSO BEEN EXPLAINED. THE BOOK PROVIDES 225 FULLY WORKED OUT EXAMPLES AND MORE THAN 1600 QUESTIONS INCLUDING NUMERICAL PROBLEMS AND OBJECTIVE QUESTIONS. THE BOOK WOULD SERVE AS AN EXHAUSTIVE TEXT FOR BOTH UNDERGRADUATE AND POST-GRADUATE STUDENTS OF MECHANICAL, CIVIL AND CHEMICAL ENGINEERING. AMIE AND COMPETITIVE EXAMINATION CANDIDATES AS WELL AS PRACTISING ENGINEERS WOULD ALSO FIND THIS BOOK VERY USEFUL.

*FLUID MECHANICS AND MACHINERY* - C. S. P. OJHA 2010-11

FLUID MECHANICS AND MACHINERY FEATURES EXHAUSTIVE COVERAGE OF THE ESSENTIAL CONCEPTS OF THE MECHANICS OF FLUIDS, BOTH STATIC AND DYNAMIC. IT ALSO PROVIDES AN OVERVIEW OF THE DESIGN AND OPERATION OF VARIOUS HYDRAULIC MACHINES SUCH AS PUMPS AND TURBINES. THE BOOK ALSO FEATURES NUMEROUS SOLVED EXAMPLES IN ORDER TO HELP STUDENTS GRASP THE FUNDAMENTALS AND APPLY THEM TO REAL-LIFE SITUATIONS. BEGINNING WITH DISCUSSION OF THE PROPERTIES OF FLUIDS, FLUID MECHANICS AND MACHINERY GIVES DETAILED INFORMATION ON TOPICS SUCH AS FLUID PRESSURE AND ITS MEASUREMENT, PRINCIPLES OF BUOYANCY AND FLOTATION, AND FLUID STATICS, KINEMATICS, AND DYNAMICS. IT THEN MOVES ON TO DISCUSS DIMENSIONAL ANALYSIS AND FLOW OF FLUIDS THROUGH ORIFICES, MOUTHPIECES, AND PIPES, AND OVER NOTCHES AND WEIRS. MORE ADVANCED TOPICS SUCH AS VORTEX FLOW, IMPACT OF JETS, AND FLOW OF COMPRESSIBLE FLUIDS ARE THEN DEALT WITH IN SEPARATE CHAPTERS. FINALLY, A THOROUGH OVERVIEW OF THE DESIGN AND OPERATION OF VARIOUS FLUID MACHINES SUCH AS PUMPS AND TURBINES EXPLAINS THE PRACTICAL APPLICATIONS OF FLUID FORCES TO STUDENTS.

**A TEXTBOOK OF HYDRAULICS, FLUID MECHANICS AND HYDRAULIC MACHINES** - R. S. KHURMI 1990

TEXTBOOK OF ENGINEERING MECHANICS - R. S. KHURMI 2005

*A TEXTBOOK OF FLUID MECHANICS* - R. K. RAJPUT 2008

THIS TREATISE ON FLUID MECHANICS, CONTAINS COMPREHENSIVE TREATMENT OF THE SUBJECT MATTER IN SIMPLE, LUCID AND DIRECT LANGUAGE AND ENVELOPES A LARGE NUMBER OF SOLVED PROBLEMS PROPERLY GRADED, INCLUDING TYPICAL EXAMPLES FROM EXAMINATION POINT OF VIEW. THE BOOK COMPRISE 16 CHAPTERS. ALL CHAPTERS OF THE BOOK ARE SATURATED WITH MUCH NEEDED TEXT SUPPORTED

BY SIMPLE AND SELF-EXPLANATORY FIGURES AND A LARGE NUMBER OF WORKED EXAMPLES INCLUDING TYPICAL EXAMPLES (FOR COMPETITIVE EXAMINATIONS). AT THE END OF EACH CHAPTER HIGHLIGHTS, OBJECTIVE TYPE QUESTIONS, THEORETICAL QUESTIONS AND UNSOLVED EXAMPLES HAVE BEEN ADDED TO MAKE THE BOOK A COMPREHENSIVE AND A COMPLETE UNIT IN ALL RESPECTS.

FLUID MECHANICS, HYDRAULICS AND HYDRAULIC MACHINES - DR. K.R. ARORA 2005-01-01

IN THE BOOK A LARGE NUMBER OF PROBLEMS FROM THE EXAMINATION PAPER OF LONDON UNIVERSITY, INSTITUTION OF MECHANICAL ENGINEERS (LONDON) INSTITUTION OF ENGINEERS (INDIA) UNION PUBLIC SERVICE COMMISSION (INDIA) AND VARIOUS INDIAN UNIVERSITIES HAVE BEEN INCLUDED. CONTENTS : PART- I : PROPERTIES OF FLUIDS \* PRESSURE MEASUREMENT \* HYDROSTATIC FORCES ON SURFACES \* BUOYANCY AND FLOATING \* FLUID MASSES IN RELATIVE EQUILIBRIUM \* KINEMATICS OF FLUID FLOW \* DYNAMICS OF FLUID FLOW \* FLOW MEASUREMENT \* FLOW THROUGH ORIFICES AND MOUTH PIECES \* FLOW OVER NOTCHES AND WEIRS \* FUNDAMENTALS OF FLOW THROUGH PIPES \* FUNDAMENTALS OF FLOW THROUGH OPEN CHANNELS \* FLOW OF COMPRESSIBLE FLUIDS PART-II : ADVANCE TOPICS IN FLUID MECHANICS AND HYDRAULICS : DIMENSIONAL ANALYSIS \* HYDRAULIC SIMILITUDE \* LAMINAR FLOW \* TURBULENT FLOW THROUGH PIPES \* BOUNDARY LAYER THEORY \* FLOW AROUND IMMersed BODIES \* UNIFORM FLOW IN OPEN CHANNELS \* NON UNIFORM FLOW IN OPEN CHANNELS PART- III : HYDRAULIC MACHINES : IMPACTS OF FREE JETS \* HYDRAULIC TURBINES \* GOVERNING AND PERFORMANCE OF HYDRAULIC TURBINES \* RECIPROCATING PUMPS \* CENTRIFUGAL PUMPS \* MISCELLANEOUS HYDRAULIC DEVICES AND MACHINES PART-IV : MISCELLANEOUS TOPICS : FLUVIAL HYDRAULICS \* ELEMENTARY HYDRODYNAMICS \* WATER POWER ENGINEERING \* LABORATORY EXPERIMENTS PART-V : APPENDICES : APPENDIX A : MISCELLANEOUS OBJECTIVE TYPE QUESTIONS \* APPENDIX B : CAVITATION \* APPENDIX C : GEOMETRICAL PROPERTIES OF PLANE AREAS \* APPENDIX D : SECONDARY FLOW \* APPENDIX E : USE VECTOR NOTATIONS \* APPENDIX F : COMPUTER PROGRAMS \* REFERENCE \* INDEX.

**ENGINEERING MECHANICS** - R. K. SINGAL 2013-12-30

ENGINEERING MECHANICS HAS BEEN DESIGNED AS PER UPDATED AND NEW SYLLABUS OF VARIOUS TECHNICAL UNIVERSITIES AND ENGINEERING COLLEGES. THE BOOK SYSTEMATICALLY DEVELOPS THE CONCEPTS AND PRINCIPLES ESSENTIAL FOR UNDERSTANDING THE SUBJECT. THE DIFFICULTIES USUALLY FACED BY NEW ENGINEERING STUDENTS HAVE BEEN TAKEN CARE OF WHILE PREPARING THE BOOK. A LARGE NUMBER OF NUMERICAL PROBLEMS HAVE BEEN SELECTED FROM UNIVERSITY AND COMPETITIVE EXAMINATION PAPERS AND QUESTION BANKS, PROPERLY GRADED, SOLVED AND ARRANGED IN VARIOUS CHAPTERS. THE PRESENT BOOK HAS BEEN DIVIDED IN FIVE PARTS: TWO-DIMENSIONAL FORCE SYSTEM BEAMS AND TRUSSES MOMENT OF INERTIA DYNAMICS OF RIGID BODY STRESS AND STRAIN ANALYSIS THE HIGHLIGHTS OF THE BOOK ARE: COMPARISON TABLES AND ILLUSTRATIVE DRAWINGS EXHAUSTIVE QUESTION BANK ON THEORY PROBLEMS AT THE END OF EVERY CHAPTER A LARGE NUMBER OF SOLVED NUMERICAL EXAMPLES SI UNITS USED THROUGHOUT

**REFRIGERATION AND AIR CONDITIONING** - RAMESH CHANDRA ARORA 2010-01-30

THE TEXT BEGINS BY REVIEWING, IN A SIMPLE AND PRECISE MANNER, THE PHYSICAL PRINCIPLES OF THREE PILLARS OF REFRIGERATION AND AIR CONDITIONING, NAMELY THERMODYNAMICS, HEAT TRANSFER, AND FLUID MECHANICS. FOLLOWING AN OVERVIEW OF THE HISTORY OF REFRIGERATION, SUBSEQUENT CHAPTERS PROVIDE EXHAUSTIVE COVERAGE OF THE PRINCIPLES, APPLICATIONS AND DESIGN OF SEVERAL TYPES OF REFRIGERATION SYSTEMS AND THEIR ASSOCIATED COMPONENTS SUCH AS COMPRESSORS, CONDENSERS, EVAPORATORS, AND EXPANSION DEVICES. REFRIGERANTS TOO, ARE STUDIED ELABORATIVELY IN AN EXCLUSIVE CHAPTER. THE SECOND PART OF THE BOOK, BEGINNING WITH THE HISTORICAL BACKGROUND OF AIR CONDITIONING IN CHAPTER 15, DISCUSSES THE SUBJECT OF PSYCHROMETRICS BEING AT THE HEART OF UNDERSTANDING THE DESIGN AND IMPLEMENTATION OF AIR CONDITIONING PROCESSES AND SYSTEMS, WHICH ARE SUBSEQUENTLY DEALT WITH IN CHAPTERS 16 TO 23. IT ALSO EXPLAINS THE DESIGN PRACTICES FOLLOWED FOR COOLING AND HEATING LOAD CALCULATIONS. EACH CHAPTER CONTAINS SEVERAL WORKED-OUT EXAMPLES THAT CLARIFY THE MATERIAL DISCUSSED AND ILLUSTRATE THE USE OF BASIC PRINCIPLES IN ENGINEERING APPLICATIONS. EACH CHAPTER ALSO ENDS WITH A SET OF FEW REVIEW QUESTIONS TO SERVE AS REVISION OF THE MATERIAL LEARNED.

**A TEXTBOOK OF ENGINEERING MECHANICS** - RS KHURMI | N KHURMI

☐ A TEXTBOOK OF ENGINEERING MECHANICS☐ IS A MUST-BUY FOR ALL STUDENTS OF ENGINEERING AS IT IS A LUCIDLY WRITTEN TEXTBOOK ON THE SUBJECT WITH CRISP CONCEPTUAL EXPLANATIONS AIDED WITH SIMPLE TO UNDERSTAND EXAMPLES. IMPORTANT CONCEPTS SUCH AS MOMENTS AND THEIR APPLICATIONS, INERTIA, MOTION (LAWS, HARMONY AND CONNECTED BODIES), KINETICS OF MOTION OF ROTATION AS WELL AS WORK, POWER AND ENERGY ARE EXPLAINED WITH EASE FOR THE LEARNER TO REALLY GRASP THE SUBJECT IN ITS ENTIRETY. A BOOK WHICH HAS SEEN, FORESEEN AND INCORPORATED CHANGES IN THE SUBJECT FOR 50 YEARS, IT CONTINUES TO BE ONE OF THE MOST SOUGHT AFTER TEXTS BY THE STUDENTS.