
Dr Kr Arora Surveying Volume 1 Sdocuments2

Surveying: V. 2

GEOMATICS ENGINEERING

Irrigation Engineering

Surveying

Water Supply, Waste Water Treatment and Sewage Disposal

Surveying (Volume - 1)

PERT and CPM

Project Planning and Control with PERT & CPM

Surveying

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Building Construction

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Textbook of Surveying

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Fluid Mechanics, Hydraulics and Hydraulic Machines
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Advanced Surveying: Total Station, Gis and Remote Sensing
Amit Student Sanskrit Sabdkosh
Concrete Technology (Theory and Practice), 8e
Waste Water Engineering
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Building Construction and Materials
Geotechnical Engineering
Basic Civil Engineering

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Surveying: V. 2 Gene-Tech Books

The subject "Irrigation Engineering" has assumed importance since last 30 to 40 years. Continued increase in population, particular in developing countries, at a very fast rate has caused scarcity of food. The real answer to food problem, is increased production of food articles; which is possible only by artificial irrigation of fields. India has a very large potential for irrigation, because area and water resources both are abundantly available.

Abundance of area for irrigation and availability of lot of water resources are probably the reasons that most of the early irrigation practices and theories were developed in India. There is lot of variations in rainfall in different regions of India. Some of the areas have very little rainfall insufficient to grow any crop. Other areas have sufficient rainfall but its distribution is not as required by the crops. Scanty rainfall and erratic distribution both necessitate artificial irrigation. The purpose of this book is to present the subject in most concise form. Simplicity of language is the main feature of the book. The book is completely in MKS units and

covers the syllabus of all the Indian Universities, State Technical Boards, and A.M.I.E. (India) examinations. The book should be equally useful to practicing Engineers as reference book. Examples of almost all the important irrigation works have been solved and then illustrated in neat drawing charts. Khosla's Charts, Lacey's and Garret diagrams all are in MKS units. Rajsons Publications Pvt. Ltd. Every effort was made to eliminate printing errors. I would appreciate if printing errors are brought to my notice and Suggestions to bring about improvements in the book are most welcome. I am thankful to all my friends who have rendered great help by

their valuable suggestions. In last I am thankful to Shri R.K. Jain, Prop. Standard Book House, without whose efforts this venture would not have reached the readers.

GEOMATICS ENGINEERING Vikas Publishing House

★ABOUT THE BOOK: The basic aim of the seventeenth edition of Surveying, Volume-I, is the same as that of the earlier editions, namely, to present the fundamentals of the subject in a simplified manner and to illustrate the basic concepts in a simple and lucid language so that even a beginner can understand it. A large number of worked examples and figures have been given to illustrate the basic theories. The subject matter has been revised wherever necessary to make some of the basic concepts more clear and understandable. A few new problems and examples have been added. Some of the old figures have been replaced by new ones. Either colored plates of the surveying instruments have been added as an appendix. These plates and figures are useful for making the subject matter more illustrative. ★OUTSTANDING FEATURES: -E.D.M., Total Station & G.P.S.

are included separately -All the text has been explained in a simple, lucid language -SI Units used in the entire book -This book will be useful for Degree/Diploma/A.M.I.E. students and equally useful to the field engineers and surveyors -Number of problems have been solved in details - Subject matter is supported by very good diagrams -Either colored plates of the surveying instruments have been added as an appendix. ★RECOMMENDATIONS: A textbook for all Engineering Branches, Competitive Examination, ICS, and AMIE Examinations ★ABOUT THE AUTHOR: Dr. K.R. ARORA B.E. (Civil), M.E. (Hons), Ph.D (I.I.T. Delhi) Professor and former Head, Department of Civil Engineering, Engineering College, Kota (Rajasthan). ★BOOK DETAILS: ISBN : 978-81-89401-23-8 Pages: 690 + 16 Edition:17th, Year -2019 Size(cms): L-24.2 B-18.2 H-2.8 ★PUBLISHED BY: STANDARD BOOK HOUSE Since 1960 Unit of Rajsons Publications Pvt Ltd Regd Office: 4262/3A Ground Floor Ansari Road Daryaganj New Delhi-110002 +91 011 43551185/43551085/43751128/23250212 Retail Office : 1705-A Nai Sarak Delhi-110006 011 23265506 Website:

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Irrigation Engineering Firewall Media
Modern Surveying is unimaginable without the use of electronic equipment and information technology. Surveying with conventional systems has been completely replaced with advanced automated systems. Total Station, Global Positioning System (GPS), Remote Sensing and Geographical Information System (GIS) have all become an inextricable part of surveying. Advanced Surveying: Total Station, GIS and Remote Sensing provides a thorough working knowledge of these technologies.

Surveying Rajsons Publications Pvt. Ltd. Primarily aimed to be an introductory text for the first course in surveying for civil, architecture and mining engineering students, this book, now in its second edition, is also suitable for various professional courses in surveying. Written in a simple and lucid language, this book at the outset, presents a thorough introduction to the subject. Different measurement errors with their types and nature are described along with measurement of horizontal distances and

electronic distances measurements. This text covers in detail the topics in levelling, angles and directions and compass survey. The functions and uses of different instruments, such as theodolites, tacheometers and stadia rods are also covered in the text. Besides, the book elaborates different fields of surveying, such as plane table surveying, topographical surveying, construction surveying and underground surveys. Finally, the book includes a chapter on computer applications in surveying. **KEY FEATURES :** Includes about 400 figures to explain the fundamentals of surveying. Uses SI units throughout the book. Offers more than 170 fully-solved examples including the questions generated from premier universities. Provides a large number of problems and answers at the end of each chapter. Incorporates objective questions from AMIE exams and Indian Engineering Services exams. *Water Supply, Waste Water Treatment and Sewage Disposal* Lulu Press, Inc This Volume Is One Of The Two Which Offer A Comprehensive Course In Those Parts Of Theory And Practice Of Plane And Geodetic Surveying That Are Most

Commonly Used By Civil Engineers. The First Volume Covers In 24 Chapters, The Most Common Surveying Operations. Each Topic Introduced Is Thoroughly Described, The Theory Is Rigorously Developed, And A Large Number Of Numerical Examples Are Included To Illustrate Its Application. General Statements Of Important Principles And Methods Are Almost Invariably Given By Practical Illustration. Apart From Illustrations Of Old And Conventional Instruments, Emphasis Has Been Placed On New Or Modern Instruments, Both For Ordinary As Well As Precise Work. A Good Deal Of Space Has Been Given To Instrumental Adjustments With Thorough Discussion Of Geometrical Principles In Each Case. Many New Advanced Problems Have Also Been Added Which Will Prove Useful For Competitive Examinations. Surveying (Volume - 1) CRC Press
 ★ABOUT THE BOOK: feel proud in issuing the Seventh Edition of the book "Building Construction and Materials". The subject " Building Construction and Materials" is a very vast and tedious subject of Civil Engineering. Author has tried to explain all the aspects of this subject in a very simple

and lucid language. The Book is entirely in SI Units. The book covers the syllabi prescribed by all the Indian universities, State Technical Boards and A.M.I.E. (India) examinations. The book is also very useful for Engineers involved in construction industry. All the relevant I.S.I. Recommendations and other useful data have been incorporated in the book. Author has tried to explain all the aspects with the help of lot of neat drawings. It is hoped that the book will satisfy all the needs of the students and practising engineers in regard to this subject. In order to increase the usefulness of the book basic engineering materials have been added in this revised 17th edition. Basic engineering material like stone, bricks, lime, cement, timber and iron has been added in this edition.
 ★RECOMMENDATIONS: A textbook for all Engineering Branches, Competitive Examination, ICS, and AMIE Examinations In S.I Units For Degree, Diploma and A.I.M.E. (India) Students and Practising Civil Engineers. ★ABOUT THE AUTHOR: Dr. Gurcharan Singh Joint Director (Retd.) Directorate of Technical Education Rajasthan, Jodhpur ★BOOK DETAILS: ISBN

: 978-81-89401-21-4 Pages: 933 + 26
 Edition: 17th, Year-2019 Size(cms): L-23.7,
 B-15.8, H-3.7 ★For more Offers visit our
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PERT and CPM New Age International
 ★ABOUT THE BOOK: The present edition of
 the book is mostly overhauled and revised.
 One chapter on Temporary Structures is
 added in the portion of Building
 Construction. Now the book is quite up-to-
 date. This edition of the book is entirely
 new and different from its previous
 editions. We hope, the book will prove
 more useful and will serve its purpose
 better. ★RECOMMENDATIONS: A textbook
 for all Engineering Branches, Competitive
 Examination, ICS, and AMIE Examinations
 In S.I Units For Degree, Diploma and
 A.I.M.E. (India) Students and Practicing
 Civil Engineers ★ABOUT THE AUTHOR:
 T.D. Ahuja Formerly Head of Civil
 Engineering Deptt. Allahabad Polytechnic,
 Allahabad and G.S. Birdi Formerly Head of
 Structural Engg. Deptt. Allahabad
 Polytechnic, Allahabad ★BOOK DETAILS:
 ISBN: 978-81-89401-47-4 Pages: 331 + 20
 Paperback Edition: 9th, Year-2016
 Size(cms): L-23.9 B-15.8 H-1.3 ★For more
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www.standardbookhouse.com
 Tata McGraw-Hill Education
 Structural Analysis, or the 'Theory of
 Structures', is an important subject for
 civil engineering students who are
 required to analyze and design structures.
 It is a vast field and is largely taught at the
 undergraduate level. A few topics like
 Matrix Method and Plastic Analysis are
 also taught at the postgraduate level and
 in structural engineering electives. The
 entire course has been covered in two
 volumes - Structural Analysis I and II.
 Structural Analysis I deals with the basics
 of structural analysis, measurements of
 deflection, various types of deflection,
 loads and influence lines, etc.
*Project Planning and Control with PERT &
 CPM* Rajsons Publications Pvt. Ltd.
 This book presents, in SI units, the various
 methods and concepts of surveying, laying
 greater emphasis on those that are
 commonly used. Relevant historical
 aspects are given. Tracing the
 development of the subject and the
 methods. The book also gives an overview
 of certain advanced and modern surveying
 techniques such as precise traversing and
 levelling, aerial photogrammetry, airphoto

interpretation, electronic distance
 measurement and remote sensing.
Surveying Rajsons Publications Pvt. Ltd.
 Surveying (Volume - 1) Rajsons
 Publications Pvt. Ltd.

**Principles and Practices of Soil
 Mechanics and Foundation
 Engineering** Rajsons Publications Pvt.
 Ltd.

In the preparation of this book, my aim
 has been to present the text in a
 sequential and lucid manner, containing
 all essentials of practical surveying. The
 book proves to be a valuable source of
 study to those who are preparing for GATE
 and other competitive examinations. This
 book contains Nine chapters. The most
 outstanding feature of the book is the
 condensation of the exhaustive theory into
 a systematic, point wise pattern and
 insertions of explanatory notes particularly
 with reference to the more common
 surveying operations for easy learning of
 the students. A large portion of the
 material presented in this book has been
 derived from the work of others. Their
 contribution is greatly acknowledged. An
 attempt has been made to also include all
 the recent developments in the field of

surveying.

Engineering Surveying Firewall Media

★ABOUT THE BOOK: Power Plant Engineering is a fast developing Branch of mechanical Engineering & its study is essential for the successful execution & maintenance of several mechanical Engineering. Works. The author has made an earnest attempt to bring out a book on the subject which may be recognized as a complete text book in all respects.
★OUTSTANDING FEATURES: -All topics included in the chapters have been thoroughly described. -Every topic has been written in most logical sequence maintaining the natural flow to keep the students interested. -Topics of applications of Power plant engg. have been developed in sequence. The students would be able to get the fundamental concept about all topics included in power plant engineering upto the final year in mechanical engineering, -A large number of solved problems on different topics are included. - Numerical problems with answers, as well as theoretical questions have been included for the students to practice. -The coverage of topics in the book is based on syllabi of universities in Andhra Pradesh,

Karnataka, Kerala, Tamil Nadu, Maharashtra, Punjab and West Bengal & other major universities. -Clear & simple figures have been included in each chapter for better understanding & also to enable students to draw / reproduce these in the examination easily. -In the entire book SI system of units is used.
★RECOMMENDATIONS: A textbook for all Engineering Branches, Competitive Examination, ICS, and AMIE Examinations
★ABOUT THE AUTHOR: G.K. PATHAK M.E., Senior Faculty Member, MIT-Pune-38 & D.K. CHAVAN B.E.(Mech.) Chartered Engineer Professor In Mechanical Engg. Department M.M.M College Of Engineering Pune-52 ★BOOK DETAILS: ISBN : 978-81-89401-42-9 Pages: 1110 + 30 Edition: 2nd, Year -2017 Size: L-23.8 B-18.1 H-4.0 ★PUBLISHED BY: STANDARD BOOK HOUSE Since 1960 Unit of Rajsons Publications Pvt Ltd Regd Office: 4262/3A Ground Floor Ansari Road Daryaganj New Delhi-110002 +91 011 43551185/43551085/43751128/23250212 Retail Office : 1705-A Nai Sarak Delhi-110006 011 23265506 Website: www.standardbookhouse.com A venture of Rajsons Group of Companies

Structural Analysis Volume-II (Hard Bound) Firewall Media

★ABOUT THE BOOK The book presents the basic concepts of the project management techniques namely PERT & CPM. It is primarily meant for the students studying in various universities for their first degree course in Engineering, Commerce and Management. It will also be useful for the students taking professional examinations of the Cost and Works Accounts, Chartered Accountants and the Institution of Engineers. The inservice personnel working in various projects would also find the book quite useful. In the treatment of the subject emphasis has been laid to present it in a simple language so that it may be easily understood by the readers. The text is profusely illustrated with diagrams. All important concepts are illustrated with worked examples and a large number of problems and multiple choice questions are given. Thus the book will be useful for the various competitive examinations such as Engineering Services and ICS examinations.
★OUTSTANDING FEATURES: -All the text has been explained in a simple language. - This book will be useful for various

branches, competitive examinations, engineering services and ICS Examinations. -Number of problems have been solved in detail. -Subject matter is supported by very good diagrams. -The price of this book itself is a big consideration. ★RECOMMENDATIONS: A textbook for all Engineering Branches, Competitive Examination, ICS, and AMIE Examinations ★ABOUT THE AUTHOR: Dr. P.N. Modi B.E., M.E., Ph.D., MIE Former Professor of Civil Engineering M.R. Engineering College, Jaipur. & Rajeev Modi Chartered Account Dubai ★BOOK DETAILS: ISBN: 978-81-89401-25-2 Pages: 250 + 8 Edition: 6th, Year- 2017 Size(cms): L-24 B-15.9 H-1.0 ★PUBLISHED BY: STANDARD BOOK HOUSE Since 1960 Unit of Rajsons Publications Pvt Ltd Regd Office: 4262/3A Ground Floor Ansari Road Daryaganj New Delhi-110002 +91 011 43551185/43551085/43751128/23250212 Retail Office : 1705-A Nai Sarak Delhi-110006 011 23265506 Website: www.standardbookhouse.com A venture of Rajsons Group of Companies Soil Mechanics And Foundation Engineering (geotechnical Engineering), 7/e Firewall Media

Engineering surveying involves determining the position of natural and man-made features on or beneath the Earth's surface and utilizing these features in the planning, design and construction of works. It is a critical part of any engineering project. Without an accurate understanding of the size, shape and nature of the site the project risks expensive and time-consuming errors or even catastrophic failure. This fully updated sixth edition of Engineering Surveying covers all the basic principles and practice of the fundamentals such as vertical control, distance, angles and position right through to the most modern technologies. It includes: * An introduction to geodesy to facilitate greater understanding of satellite systems * A fully updated chapter on GPS, GLONASS and GALILEO for satellite positioning in surveying * All new chapter on the important subject of rigorous estimation of control coordinates * Detailed material on mass data methods of photogrammetry and laser scanning and the role of inertial technology in them With many worked examples and illustrations of tools and techniques, it suits students and

professionals alike involved in surveying, civil, structural and mining engineering, and related areas such as geography and mapping. Structural Analysis Vol II Universities Press ★ABOUT THE BOOK: "Strength of Materials" is a basic course for almost all branches of engineering. The subject matter studied in the course, is frequently used in many design papers in higher classes and in design practice. Hence, it is essential that engineering students develop clear concept of the subject. They should have clear ideas about the units to be used. The author has concentrated on these two aspects. The book is written in SI units and the standard notations used in the national codes of practice are strictly adhered to. In the SI units, only unit or unit, where n is a positive or negative integer, is to be used. Hence, the unit 'centimeter' should not be used. In general, while writing answers, students copy the style of textbook they refer to. Therefore, they skip many steps while answering if the book adopts to that style. In this book, emphasis has been laid on writing solutions in a systematic way without skipping any step. The book caters

to the syllabus of almost all Universities which offer the paper "Strength of Materials". With emphasis on developing concepts systematically and solving problems clearly, in this book the author hopes that the students will get a strong foundation for studying the design papers in higher classes. The company is proud to have a dedicated team for pre press and post press decision and appreciates their efforts. For the better approach students we are proud to announce our online book shop www.standardbookhouse.in where students and other buyer can buy original latest edition book at convenience of doorstep. ★RECOMMENDATIONS: A textbook for all Engineering Branches, Competitive Examination, ICS, and AMIE Examinations In S.I Units For Degree, Diploma and A.I.M.E. (India) Students and Practicing Civil Engineers. ★ABOUT THE AUTHOR: Dr. K.S. Yadav M.Tech. (Prod. & Thermal Eng.) M.B.A. (HRM) Ph.D, MNF (MANT.) ★BOOK DETAILS: ISBN: 978-81-89401-50-4 Pages: 459 Price (Paperback): Rs. 280.00 Price(Hardbound): Rs. 840.00 Edition: 1st, Year- 2016 Size(cms): L-24 B-16 H-2 Plane Surveying Booksclinic Publishing

★ABOUT THE BOOK: An attempt has been made in this book to explain the fundamentals of Sanitary Engineering, Sewage, Lab. Testing Treatment and disposal of industrial waste water. The subject as a whole is a complicated one. But it is beloved that the basic ideas are exposed in this book, the reader will be able to have a clear idea of the subject. This book is written in Metric units. The subject-matter explained in simple and easy language assisted by-explanatory and neatly drawn sketches where necessary. This book covers the syllabi prescribed by various university of India-B.E. College Shibpur, jadavpur University, Burdman University, North Bengal University, Bombay University etc. This book will therefore be useful to students preparing for Degree, Diploma and Industrial Engineering examination or for examinations governed by various professional bodies. ★OUTSTANDING FEATURES: All the text has been explained in a simple language. This book will be useful for various branches, competitive examinations, engineering services and ICS Examinations. Number of problems have been solved in detail. Subject matter

is supported by very good diagrams. The price of this book itself is a big consideration. ★RECOMMENDATIONS: A Text book is for Degree, Diploma and Industrial Engg. Students, Competitive Examination, ICS, and AMIE Examinations In S.I Units and A.I.M.E. (India) Students and Practicing Civil Engineers. ★ABOUT THE AUTHOR: Dr. M.N. Maulik B.Sc. (Cal), B.Sc. Engineering (Civil) (London) Ph.D (Ind.) Assistant Professor Civil Engineering Department Jalpaiguri Govt. Engineering College Jalpaiguri, West Bengal ★BOOK DETAILS: ISBN: 978-81-89401-38-2 Pages: 176 + 8 Edition: 12th,Year-2018 Size: 5.4 x 8.5 ★PUBLISHED BY: STANDARD BOOK HOUSE Since 1960 Unit of Rajsons Publications Pvt Ltd Regd Office: 4262/3A Ground Floor Ansari Road Daryaganj New Delhi-110002 +91 011 43551185/43551085/43751128/23250212 Retail Office : 1705-A Nai Sarak Delhi-110006 011 23265506 Website: www.standardbookhouse.com A venture of Rajsons Group of Companies Mass Transfer-II Laxmi Publications "It covers all basic methods of surveying and levelling, applications of surveying and levelling, calculation of areas and

volumes of earth work involved in the field work. Minor instruments used in the field are also explained."--Publisher's description.

Structural Analysis-II, 4th Edition Nirali Prakashan

Concrete Technology: Theory and Practice" gives students of Civil Engineering a thorough understanding of all aspects of concrete technology from first principles. It covers types of Cement, Admixtures, Concrete strength, durability and testing with reference to national standards.

Rajsons Publications Pvt. Ltd.

The Book Provides A Lucid And Step-By-Step Treatment Of The Various Principles, Methods And Instruments Involved In Land Surveying. Modern Methods And Techniques Are Emphasised Throughout The Text. After Presenting The Basic Concepts And Definitions, The Book Explains Errors In Survey Measurement And Their Propagation. Survey Measurements Are Detailed Next. These Include Horizontal And Vertical Distances,

Slope, Elevation, Angle And Direction. Measurement Using Stadia Tacheometry Is Then Highlighted, Followed By Contouring And Uses Of Contours In Civil Engineering Projects. Traversing Is Then Explained, Followed By A Detailed Discussion Of Plotting Of Maps By Plane Tabling. The Use Of Tangent Clinometer In Plane Tabling Has Been Suitably Highlighted. The Book Then Explains The Calculation Of Areas And Volumes From The Survey Measurements. The Last Chapter Features Various Types Of Curves And Includes A Variety Of Field Problems In Setting Out The Curves. Suitable Diagrams, Illustrative Examples And Practice Problems Are Included Throughout The Book. The Book Would Serve As An Excellent Text For Degree And Diploma Students Of Civil Engineering. Amie Candidates, And Practicing Engineers Would Also Find This Book Extremely Useful.

Building Construction Firewall Media Structural analysis, or the 'theory of structures', is an important subject for civil engineering students who are required to analyse and design structures. It is a vast

field and is largely taught at the undergraduate level. A few topics like matrix method and plastic analysis are also taught at the postgraduate level and in Structural Engineering electives. The entire course has been covered in two volumes—Structural Analysis-I and II. Structural Analysis-II deals in depth with the analysis of indeterminate structures, and also special topics like curved beams and unsymmetrical bending. It provides an introduction to advanced methods of analysis, namely, matrix method and plastic analysis. SALIENT FEATURES □ Systematic explanation of concepts and underlying theory in each chapter □ Numerous solved problems presented methodically □ University examination questions solved in many chapters □ A set of exercises to test the student's ability in solving them correctly NEW IN THE FOURTH EDITION □ Thoroughly reworked computations □ Objective type questions and review questions □ A revamped summary for each chapter □ Redrawing of some diagrams