

## Theory of Structures

<b>Author :</b>	Arunachalam Subramanian Balu
<b>ISBN 13 :</b>	978-93-55387-33-2
<b>ISBN 10 :</b>	93-55387-33-4
<b>E-ISBN 13 :</b>	978-93-55387-33-2
<b>Edition :</b>	First
<b>Pages :</b>	276
<b>Type of book :</b>	Paperback
<b>Year :</b>	2026
<b>Language :</b>	English
<b>Publisher :</b>	Khanna Publishing House
<b>M.R.P :</b>	Rs 498.00
<b>Categories :</b>	<a href="#">AICTE Prescribed Textbooks,</a> <a href="#">English Books</a>
<b>Condition Type :</b>	New
<b>Country Origin :</b>	India

## Product Description

**Theory of Structures** Theory of structures is a basic core course developed for understanding the behaviour of structures. The presentation of physical principles founded in the field of mechanics can be used for understanding the behaviour of structures, which is the prerequisite for designing any structures. This book aims to help students in developing ability to analyze structures in a simple and logical manner. The contents are divided into five units as required for the students of diploma in civil engineering. The main contents of this book are aligned with the model curriculum of AICTE followed by the concept of Outcome based Education as National Education Policy (NEP)2020.

Salient features:

- Content of the book aligned with the mapping course outcomes, programs and Units Outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completing that unit.
- Book provides lots of recent information, interesting facts, QR code for E-resources, QR code for use of ICT, projects, group discussion etc.
- Student and teacher centric subject materials included in book with balanced and chronological manner.
- Figures, tables, and software screen shots are inserted to improve clarity of the topics.
- Apart from essential information a 'know more' section is also provided in each unit to extend the learning beyond syllabus.
- Short questions, objective questions and long answer exercises are given for practice of students after every chapter.
- Solved and unsolved problems including numerical examples are solved with systematic steps



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Foreword Acknowledgement Preface Outcome Based Education Course Outcomes Guidelines for Teachers Guidelines for Students Abbreviations and Symbols List of Figures List of Tables

- Direct and Bending Stresses
- Slope and Deflection
- Fixed and Continuous Beams
- Moment Distribution Method
- Simple Trusses

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## Author

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**Dr. Arunachalam Subramanian Balu** Associate Professor, Department of Civil Engineering, National Institute of Technology, Karnataka, Surathkal, Mangalore, Karnataka

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Introduction to  
**MINERAL  
TECHNOLOGIES**

A.B.K. Prasad | G. Siva Kumar | K. S. Raju

## Introduction to Mineral Technologies

<b>Author :</b>	A.B.K. Prasad
<b>ISBN 13 :</b>	978-93-55383-07-5
<b>ISBN 10 :</b>	93-55383-07-X
<b>E-ISBN 13 :</b>	978-93-55383-07-5
<b>Edition :</b>	1
<b>Pages :</b>	276
<b>Type of book :</b>	Paperback
<b>Year :</b>	2025
<b>Language :</b>	English
<b>Publisher :</b>	Khanna Publishing House
<b>M.R.P :</b>	Rs 498.00
<b>Categories :</b>	<a href="#">Metallurgical Engineering</a>
<b>Condition Type :</b>	New
<b>Country Origin :</b>	India

### Product Description

Introduction to Mineral Technologies

### Author

A.B.K. Prasad, G. Siva Kumar, K.S. Raju



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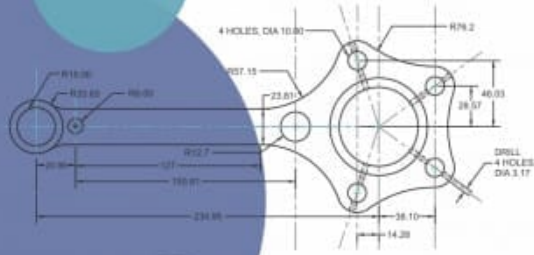
AICTE દ્વારા નિર્ધારિત થયેલ મોડલ અભ્યાસક્રમ મુજબનું પાઠ્યપુસ્તક

પરિણામ આધારિત શિક્ષણ સાથે સંરેખિત

રાષ્ટ્રીય શિક્ષણ નીતિ 2020

એન્જિનિયરિંગ

## ગ્રાફિક્સ

શરદ કે. પ્રધાન  
કે કે જૈન

## Engineering Graphics

<b>Author :</b>	K. K. Jain
<b>ISBN 13 :</b>	978-93-55380-27-2
<b>ISBN 10 :</b>	93-55380-27-5
<b>E-ISBN 13 :</b>	978-93-55380-27-2
<b>Edition :</b>	First
<b>Pages :</b>	276
<b>Type of book :</b>	Paperback
<b>Weight (g) :</b>	400.00
<b>Year :</b>	2023
<b>Language :</b>	Gujarati
<b>Publisher :</b>	Khanna Publishing House
<b>Categories :</b>	<a href="#">AICTE Prescribed Textbooks</a> , <a href="#">Ebooks</a> , <a href="#">Gujarati Books</a>
<b>SKU :</b>	1725646667
<b>Condition Type :</b>	New
<b>Country Origin :</b>	India

## Product Description

“ Engineering Graphics” is a compulsory paper for the first year Diploma course in Engineering & Technology. Syllabus of this book is strictly aligned as per model curriculum of AICTE, and academic content is amalgamated with the concept of outcome based education. Book covers six topics- Basic Elements of drawing , Orthographic Projections, Isometric Projections, Free Hand Sketcher of Engineering Elements, Computer Aided Drafting Interface, Computer Aided Drafting. Each topic is written in easy and lucid manner. Every chapter contains a set of exercise at the end of each unit to test the student’s comprehension. Some salient features of the book: 1. Content of the book is aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes. 2. In start of each unit learning outcomes are listed to make the student understand what is expected out of him/ her after completing that unit. 3. Book provides lots of recent information, interesting facts, Codes for E-resources, QR Code for use of ICT, projects, group discussion etc. 4. Student and teacher centric subject materials included in book with balanced and chronological manner. 5. Figures, tables and software screen shots are inserted to improve clarity of the topics. 6. Apart from essential information a ‘Know More’ section is also provided in each unit to extend the learning beyond syllabus. 7. Short questions, objective questions and long answer exercises are given for practice of students after every chapter. 8. Solved and unsolved problems including numerical examples are solved with systematic steps.



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## Table of Contents

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**Foreword,**

**Acknowledgement, Preface,**

**Outcome Based Educations, Course Outcomes,**

**Abbreviations and Symbols,**

**List of Figures,**

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**Guidelines for Students**

**UNIT 1:** Basic Elements of Drawing.

**UNIT 2:** Orthographic Projections.

**UNIT 3:** Isometric Projections.

**UNIT 4:** Free Hand Sketches of Engineering Elements.

**UNIT 5:** Computer Aided Drafting Interface.

**UNIT 6:** Computer Aided Drafting.

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## Authors

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**Sharad K. Pradhan**

**K. K. Jain**

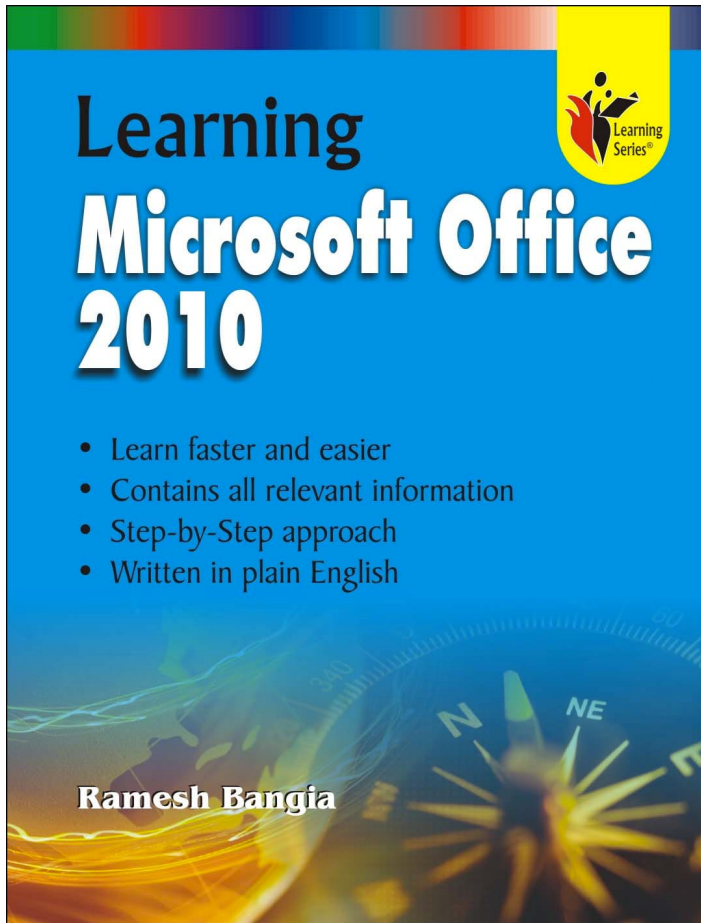
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## Learning Microsoft Office 2010

<b>Author :</b>	Ramesh Bangia
<b>ISBN 13 :</b>	978-93-81068-04-5
<b>ISBN 10 :</b>	93-81068-04-6
<b>E-ISBN 13 :</b>	978-93-81068-04-5
<b>Edition :</b>	1
<b>Pages :</b>	276
<b>Type of book :</b>	Paperback
<b>Weight (g) :</b>	400.00
<b>Year :</b>	2011
<b>Language :</b>	English
<b>Publisher :</b>	Khanna Publishing House
<b>M.R.P :</b>	Rs 225.00
<b>Categories :</b>	<a href="#">BASIC COMPUTER BOOKS,</a> <a href="#">Learning Series</a>
<b>Condition Type :</b>	New
<b>Country Origin :</b>	India

### Product Description

The complete Learning Series has been designed in a very systematic and logical manner. Each topic has been developed from the basic concepts. Practically every major point in the text is illustrated with suitable examples and screen shots. This will help the students in understanding the basic theory and train them in solving every problem systematically, and confidently. A large number of unsolved as well as solved exercises have also been included in the book. The language of the text of the book is lucid, direct and easy-to understand. Each chapter is laced with various diagrams wherever possible. Functions has been explained in full and some of them have been explained in the form of examples. Tips for working faster using the keyboard shortcuts are also provided.



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## Table of Contents

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**Chapter 1:** Introduction to Microsoft Windows 7. **Chapter 2:** Introduction to Microsoft Word 2010. **Chapter 3:** Introduction to Microsoft Excel 2010. **Chapter 4:** Introduction to Microsoft PowerPoint 2010. **Chapter 5:** Introduction to Microsoft Access 2010. **Chapter 6:** Other Software of Microsoft Office 2010. **Chapter 7:** Keyboard Shortcuts of Microsoft Office 2010. **Chapter 8:** Questions.

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## Author

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**Ramesh Bangia** For the last fifteen years, Ramesh Bangia, has been writing computer books on various topics. He has written books for Schools, Training Institutes, Technical Universities, Distance Education Programs, Colleges and General. His tally of books exceeds 500 in number. Trained both in India and Abroad and having studied at IIT Delhi, he becomes automatic choice for most of the publishers in India. Though based in Delhi, his books are popular all over India and are even exported to Middle East and African countries.

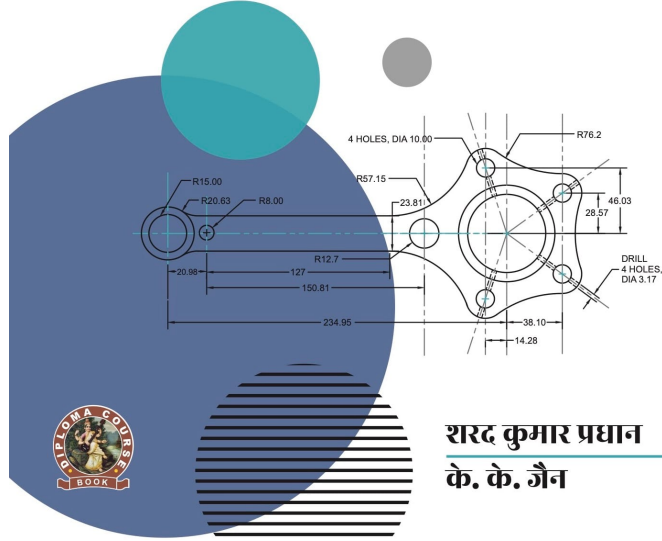
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AICTE अनुशंसित पाठ्यपुस्तक - मॉडल पाठ्यक्रम के अनुसार

परिणाम आधारित शिक्षा के साथ संरेखित  
राष्ट्रीय शिक्षा नीति 2020

# इंजीनियरिंग ग्राफिक्स



शरद कुमार प्रधान  
के. के. जैन

## Engineering Graphics

<b>Author :</b>	K. K. Jain
<b>ISBN 13 :</b>	978-93-55381-89-7
<b>ISBN 10 :</b>	93-55381-89-1
<b>E-ISBN 13 :</b>	978-93-55381-89-7
<b>Edition :</b>	First
<b>Pages :</b>	276
<b>Type of book :</b>	Paperback
<b>Weight (g) :</b>	400.00
<b>Year :</b>	2023
<b>Language :</b>	Hindi
<b>Publisher :</b>	Khanna Publishing House
<b>Categories :</b>	<a href="#">AICTE Prescribed Textbooks</a> , <a href="#">Ebooks</a> , <a href="#">Hindi Books</a>
<b>Condition Type :</b>	New
<b>Country Origin :</b>	India

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## Product Description

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“ Engineering Graphics” is a compulsory paper for the first year Diploma course in Engineering & Technology. Syllabus of this book is strictly aligned as per model curriculum of AICTE, and academic content is amalgamated with the concept of outcome based education. Book covers six topics- Basic Elements of drawing , Orthographic Projections, Isometric Projections, Free Hand Sketcher of Engineering Elements, Computer Aided Drafting Interface, Computer Aided Drafting. Each topic is written in easy and lucid manner. Every chapter contains a set of exercise at the end of each unit to test the student’s comprehension. Some salient features of the book: 1. Content of the book is aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes. 2. In start of each unit learning outcomes are listed to make the student understand what is expected out of him/ her after completing that unit. 3. Book provides lots of recent information, interesting facts, Codes for E-resources, QR Code for use of ICT, projects, group discussion etc. 4. Student and teacher centric subject materials included in book with balanced and chronological manner. 5. Figures, tables and software screen shots are inserted to improve clarity of the topics. 6. Apart from essential information a ‘Know More’ section is also provided in each unit to extend the learning beyond syllabus. 7. Short questions, objective questions and long answer exercises are given for practice of students after every chapter. 8. Solved and unsolved problems including numerical examples are solved with systematic steps.

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## Table of Contents

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**Foreword, Acknowledgement, Preface, Outcome Based Educations, Course Outcomes, Abbreviations and Symbols, List of Figures, List of tables Guidelines for Teachers, Guidelines for Students** **UNIT 1:** Basic Elements of Drawing. **UNIT 2:** Orthographic Projections. **UNIT 3:** Isometric Projections. **UNIT 4:** Free Hand Sketches of Engineering Elements. **UNIT 5:** Computer Aided Drafting Interface. **UNIT 6:** Computer Aided Drafting.

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## Authors

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**Sharad K. Pradhan**

**K. K. Jain**

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## Applied Chemistry (with Lab Manual)

<b>Author :</b>	Anju Rawlley
<b>ISBN 13 :</b>	978-93-55381-84-2
<b>ISBN 10 :</b>	93-55381-84-0
<b>E-ISBN 13 :</b>	978-93-55381-84-2
<b>Edition :</b>	First
<b>Pages :</b>	276
<b>Type of book :</b>	Paperback
<b>Weight (g) :</b>	360.00
<b>Year :</b>	2025
<b>Language :</b>	Hindi
<b>Publisher :</b>	Khanna Publishing House
<b>Categories :</b>	<a href="#">AICTE Prescribed Textbooks</a> , <a href="#">Ebooks</a> , <a href="#">Hindi Books</a>
<b>Condition Type :</b>	New
<b>Country Origin :</b>	India

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## Product Description

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This text book o “Applied Chemistry” is development as per AICTE model curriculum ,2018, for compulsory course on Applied Chemistry of first years Diploma Program in Engineering and Technology. Atomic Structure, Chemical Bonding & Solution, Water, Engineering Materials, Chemistry of fuels & Lubricants and Electrochemistry are the five units of this book, comprising of both practical and theory. Some salient features of the book: 1. Course Outcomes and Unit Outcomes are written specifically and are mapped with program Outcomes. 2. Utmost care have been taken to amalgamate the philosophy of outcome based education. 3. The structure of the textbook is comprehensive, where in practical exercises are integral part of each unit. 4. The text is presented in a very simple way with illustrations, examples, tables, flow chart, self -assessment questions and their solutions. 5. Micro projects, points/issue for the creative inquisitiveness & curiosity, know more, video links, case study and summary points are integral part of each unit to facilitate the students to develop the attitude of scientific inquiry, investigate the cause and effect relationship, systematic, scientific & logical thinking , ability to observe, analyse and interpret. 6. To meet the requirement of outcome based education (OBE) and outcome based assessment (OBA), criterion referenced testing (CRT) have been used as an integral part of assessment in each practical. 7. Sample QR codes have been provided in each units on some topics/sub topics for supplementary reading and reinforcing the learning.

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## Table of Contents

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**Foreword Acknowledgement Preface Outcomes Based Educations Course Outcomes Abbreviations and Symbols List of Figures List of Tables Guidelines for Teachers Guidelines for students UNIT 1:** Atomic Structure, Chemical Bonding and Solutions. **UNIT 2:** Water. **UNIT 3:** Engineering Materials. **UNIT 4:** Chemistry of Fuels and Lubricants. **UNIT 5:** Electro Chemistry.

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## Authors

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**Anju Rawlley Devdatta Vinayakrao Saraf**

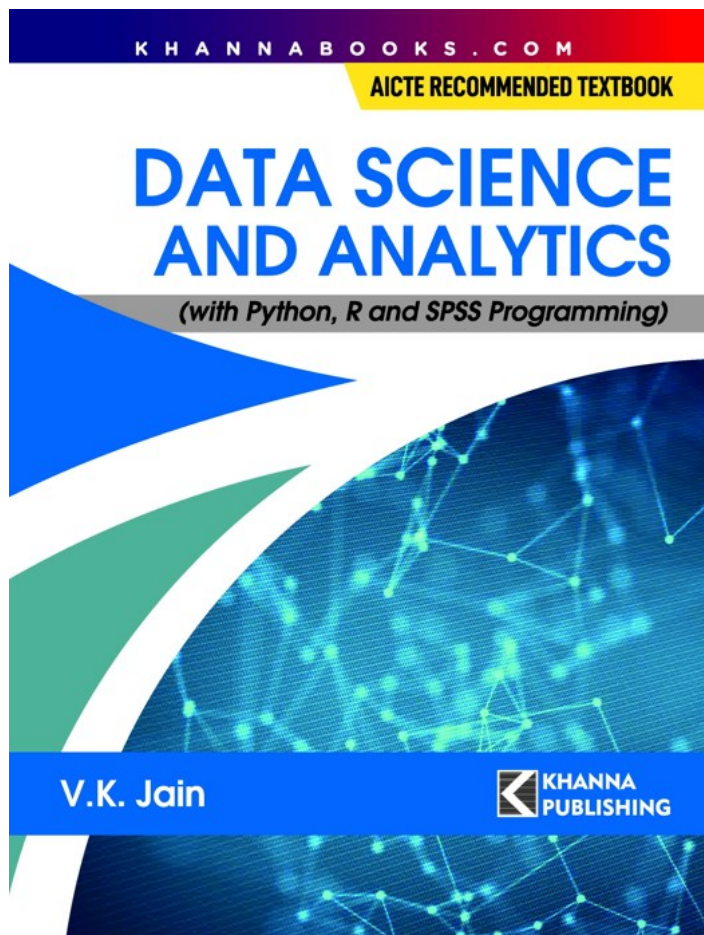
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## Data Science and Analytics (with Python, R and SPSS Programming)

<b>Author :</b>	V.K. Jain
<b>ISBN 13 :</b>	978-93-86173-67-6
<b>ISBN 10 :</b>	93-86173-67-0
<b>E-ISBN 13 :</b>	978-93-86173-67-6
<b>Edition :</b>	First
<b>Pages :</b>	276
<b>Type of book :</b>	Paperback
<b>Weight (g) :</b>	380.00
<b>Year :</b>	2025
<b>Language :</b>	English
<b>Publisher :</b>	Khanna Publishing House
<b>M.R.P :</b>	Rs 425.00
<b>Categories :</b>	<a href="#">Computer Science Engineering,</a> <a href="#">Emerging Technologies</a>
<b>Condition Type :</b>	New
<b>Country Origin :</b>	India

### Product Description

The overall goal of the book is to provide a broad understanding of big data, data science and analytics in an integrated manner. While composing this book my intention was not to introduce a collection of new techniques and protocols, but rather to selectively present techniques from those currently available in the public domain. Computer science has the greatest drawback of non-standardization of the stuff, not only of its software but in courseware also. A vast amount of curriculum exists at different levels of various Universities. As such I have tried to include all desired courseware from the syllabi for different levels.



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## Table of Contents

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**Unit 1:** Introduction to Data Science. **Unit 2:** Data Management Using IBM SPSS. **Unit 3:** Data Analysis Using R Programming Language. **Unit 4:** Data Visualization.. **Unit 5:** Application of Data Science, Technology for Visualization and Bokeh. **Unit 6:** Recent Trends in Data Science. **Annexure-1:** R Programming Language & Software Environment for Statistical Analysis and Graphics

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## Author

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**Dr. V.K. Jain** is a well known practical engineer who has authored more than 125 books on engineering, management and subjects related with computer science. He obtained degree in Electrical Engineering in 1966 from MACT (Maulana Azad College of Technology) Bhopal. He did M. Tech. in 1968 from MACT and HEL (Now Bharat Heavy Electricals) Bhopal in Design and Production of Heavy Electrical Equipments, an Industry Oriented course run under the sponsorship of UNESCO under Vikram University Ujjain in 1968. He was attached to Electronics Application Engineering Department of BHEL. He presented a thesis on "Analysis of the performance of speed and excitation regulation System using fast acting integrator type AVR for a large Hydro-generator (15 MW). This was concerned with studying power system from the viewpoint of electronic control systems (based on Nyquist Criteria) through Analog and Digital Computer at one of the premier Institution of India IIT (Indian Institutue of Technology) Kanpur. He personally prepared digital computer program in FORTRAN IV as early as in year 1968 at IIT Kanpur and compiled it on IBM 7044 Main Frame Computer, The fastest Computer in India at that time. He joined CPWD as Electrical Engineer on 20.5.1968 on basis of All India Competitive Examination for Central Electrical Engineering Services (Now known as IES) through Union Public Service Commission of India and served CPWD for 35 years. After retirement he worked with M/s CP Kukreja as consultat engineer for nearly one and half years and at present working as Chief Consultant Engineer with M/s Hospitech Management Consultant Pvt. Limited WTC New Delhi and engaged in designing most modern E/M, Electronic services and IBMS in premier Medical colleges and Big Hospital systems including AIIMS at Raipur and Patna.

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