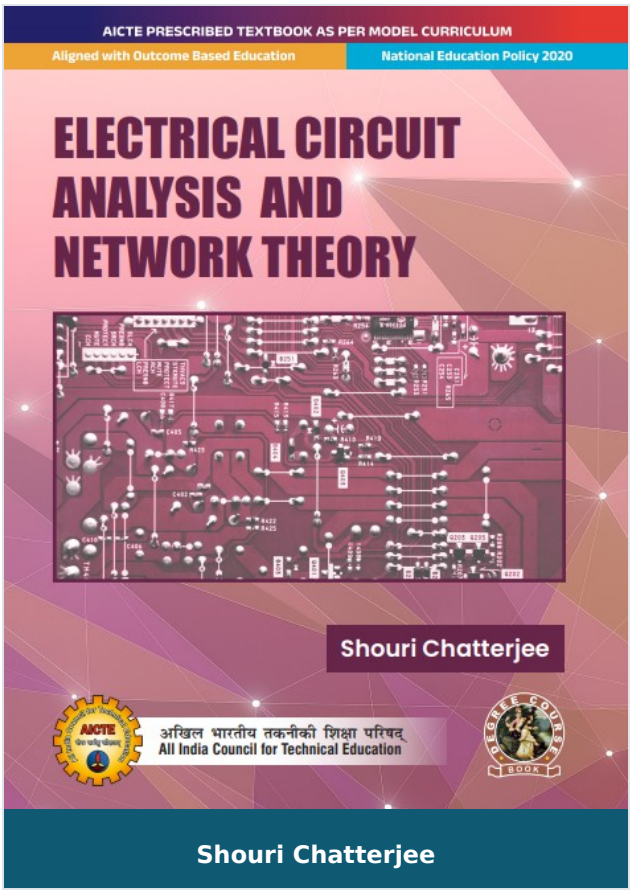



# Electrical Circuit Analysis and Network Theory

| | |
|---|---|
| **Author :** | Shouri Chatterjee |
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| **E-ISBN 13 :** | 978-93-55383-38-9 |
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| **Country Origin :** | India |

## Product Description

**Electrical Circuit Analysis and Network Theory**

This introductory text book on Circuit Theory is designed for all second year (sophomore year) undergraduate students in Electrical and Electronics and Communications Engineering. The book follows the AICTE curriculum for both Electrical Circuit Analysis (PCC-EE01) and Network Theory (Ec06).

It is Expected that the EE/EC students will take up this book at the very beginning of his/her second year. The objective of the text book is to prepare the students for (1) power engineering, (2) power electronics, (3) communications engineering, (4) analog electronics, (5) control engineering, and (6) microwave engineering.

One of the features of the book is the guided use of numeral packages, such as MATLAB ® and Octave. These tools have deep relevance in Engineering and the Science today. The book exposes the student to these tools at a very early stage in his/her undergraduate journey. Full Octave programs for analysis with Laplace and Fourier transforms have been given. Project ideas for the development of an Octave-based circuit simulator have also been shown.

With approximately 100 worked out problems, approximately 200 exercises, and over 250 illustrations, the author hopes the textbook will add value to the students" understanding of circuits

and systems.

Salient Features:

- Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit.

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- 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.
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- Student and Teacher centric subject materials included In book with balanced and chronological manner.
- Figures, tables and software screenshots 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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## Author


**Shouri Chatterjee**

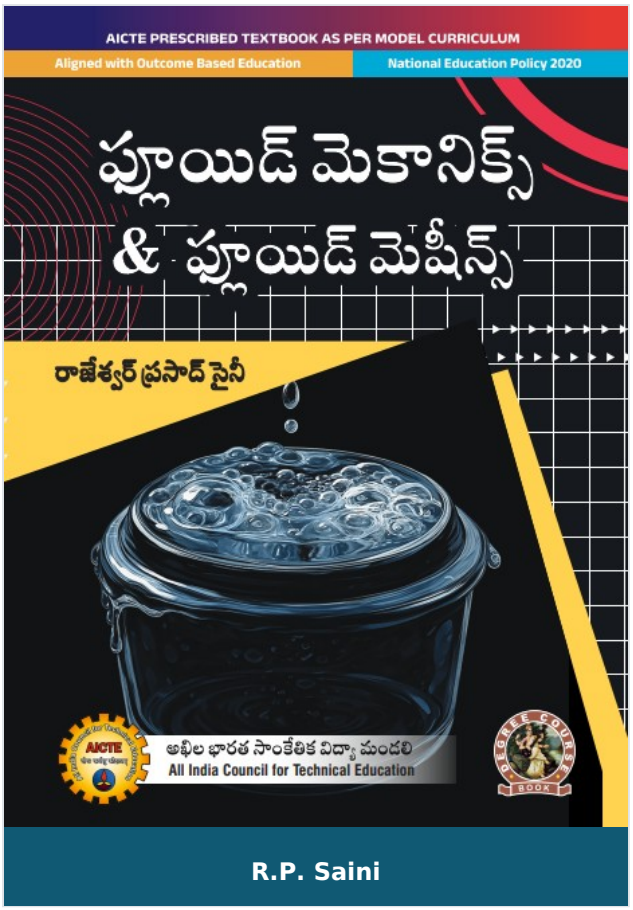
Prof. Shouri Chatterjee Department of Electrical Engineering Indian Institute of Technology (IIT) Delhi



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# Fluid Mechanics & Fluid Machines

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|---|---|
| **Author :** | R.P. Saini |
| **ISBN 13 :** | 978-93-55387-90-5 |
| **ISBN 10 :** | 9355387903 |
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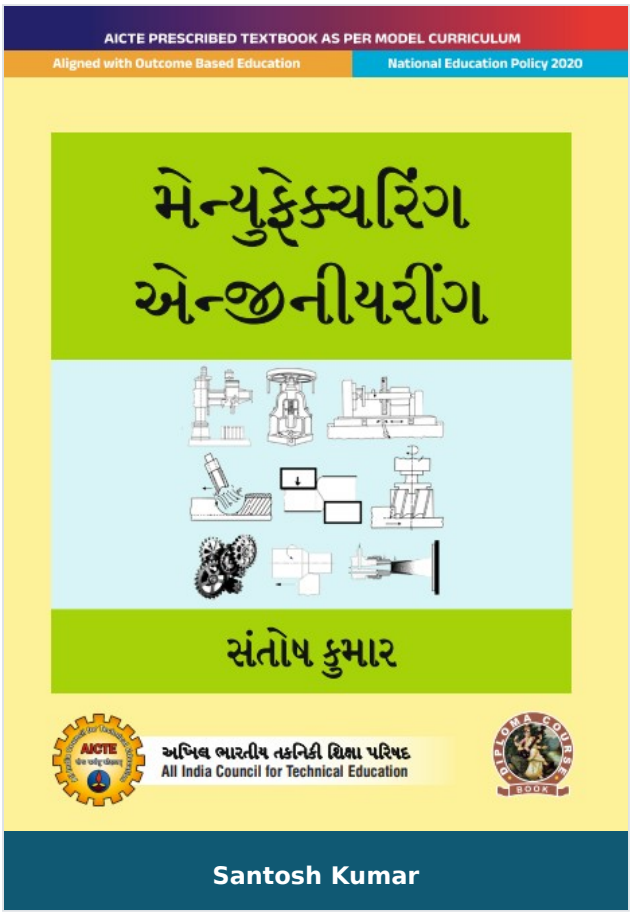
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# Manufacturing Engineering

| | |
|---|---|
| **Author :** | Santosh Kumar |
| **ISBN 13 :** | 978-93-55385-24-6 |
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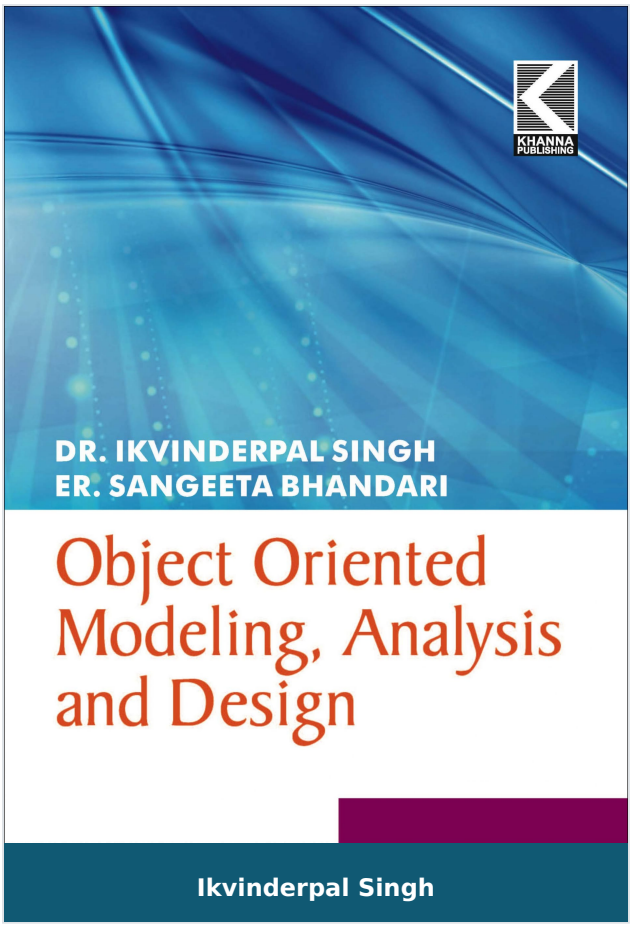
**Santosh Kumar**

Prof. Santosh Kumar, Former Professor of Civil Engineering at the Bihar College of Engineering/NIT Patna, obtained his Bachelor's degree in Civil Engineering from Regional Institute of technology/NIT Jamshedpur and Master's degree from University of Roorkee/NIT Roorkee. Further he obtained Dip. H.E. From Delft University, Netherlands. He completed his Ph.D from Patna University. Prof. Kumar taught water resources related subjects for more than 40 years. During his tenure he successfully guided four Ph.Ds. and a record 28 M.Tech dissertations. He also produced more than 50 research papers. Later he also acquired advanced knowledge in Environmental Science. Dr. Kumar was picked up by the World Bank as a consultant to its projects in Bihar at FMISC, where he served for four years. He is a Fellow of Institution of engineers India; Chairman Indian Water Resources Society (Patna Chapter).

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# Object Oriented Modeling, Analysis and Design

| | |
|---|---|
| **Author :** | Ikvinderpal Singh |
| **ISBN 13 :** | 978-93-82609-41-4 |
| **ISBN 10 :** | 9382609415 |
| **E-ISBN 13 :** | 978-93-82609-41-4 |
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| **Publisher :** | Khanna Publishing House |
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## Product Description

This book presents are object oriented approach to software development based on modeling objects from the real world and then using the model to build a language independent design organized ground those objects. This book describes a set of object oriented concepts and a language independent graphical notation can be used to analyze problem requirements, design a solution to the problem, and then implement the solution in a programming language or database. This book can be used as a textbook for a graduate or postgraduate course on object oriented technology. It can be used as a supplementary text for courses on databases or programming languages.

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## Author

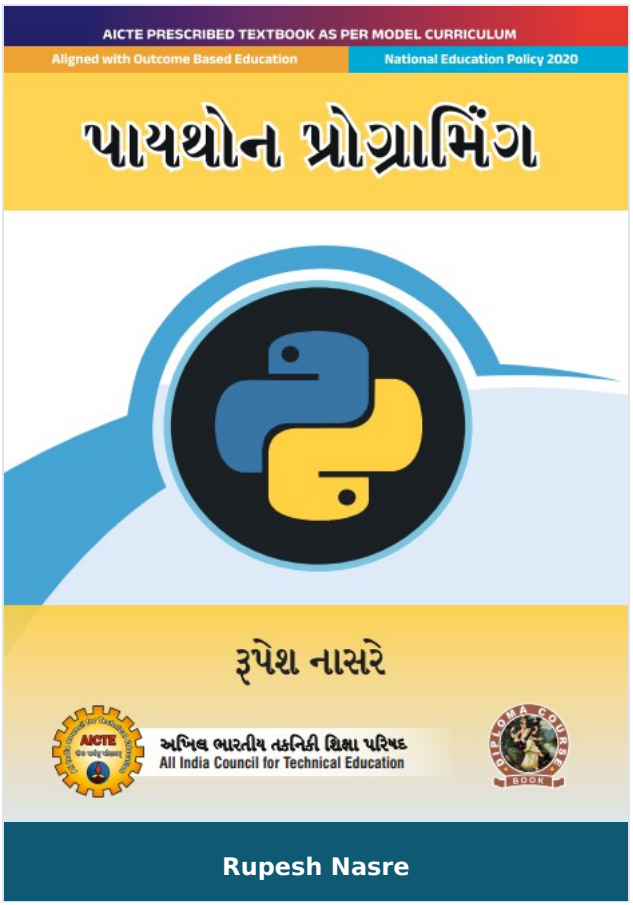
**Ikvinderpal Singh**

Dr. Ikvinderpal Singh is an Assistant Professor at Trai Shatabdi Guru Gobind Singh Khalsa college Amritsar, bringing 17+ years of academic leadership and research experience to the field of computer science. A Gold Medalist in B.Sc. IT, with an MCA (Distinction) and a Ph.D. in Neural Networks and Image Processing, he is known for blending rigorous research with practical innovation. A prolific academic creator, he has authored 37 books, published 82+ research papers, and designed 100+ industry-aligned skill-development courses. His expertise extends to doctoral evaluation, supervision, and active participation on 100+ editorial and review boards worldwide.

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# Python Programming

| | |
|---|---|
| **Author :** | Rupesh Nasre |
| **ISBN 13 :** | 978-93-55385-63-5 |
| **ISBN 10 :** | 9355385633 |
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| **Condition Type :** | New |
| **Country Origin :** | India |

## Product Description

**Python Programming**

Python is the most popular programming language today. This book gently guides you to explore the world of python programming via simple examples. The focus of this book is on problem solving rather than introducing syntax. The problems have been carefully designed to introduce concepts, and to also keep the readers interested. Towards the second half, the book provides a flavor of the real-world applications, expanding the view of the learners.

**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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- References for Further Learning
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## Author

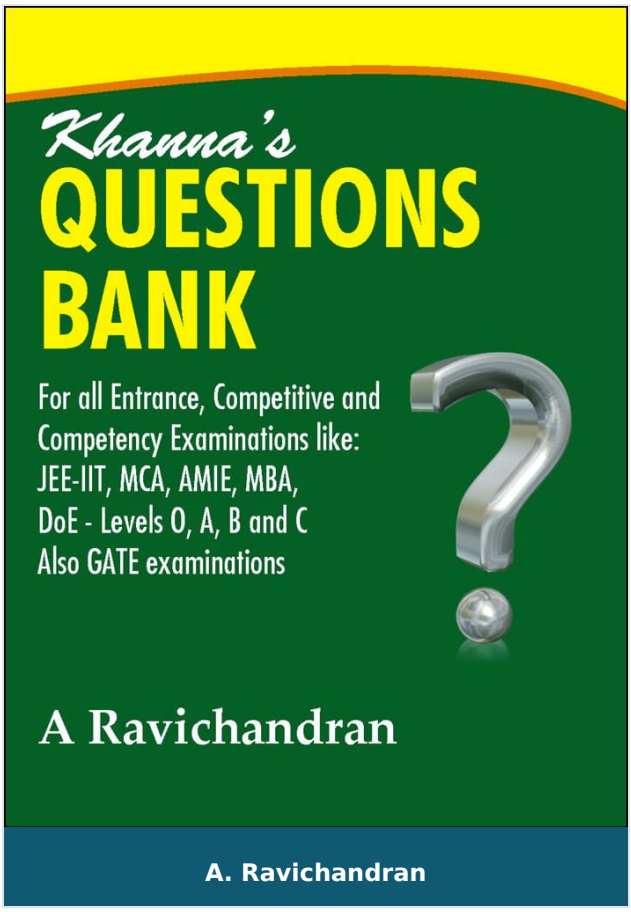
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# Khanna's Questions Bank

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| **Author :** | A. Ravichandran |
| **ISBN 13 :** | 978-93-80016-58-0 |
| **ISBN 10 :** | 9380016581 |
| **E-ISBN 13 :** | 978-93-80016-58-0 |
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## Product Description

For all entrance, competitive and competency examinations like: JEE-IT, MCA, AMIE, MBA, DOEACC-LEVELS O, A, B AND C ALSO GATE examinations-it is a sincere effort to systematically on computer science so as to make the subject easier to understand and learn in the quickest possible time. The Question answer approach followed sill let you learn what you always wanted to learn about the modern day technology called computers.

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- Database Management Systems
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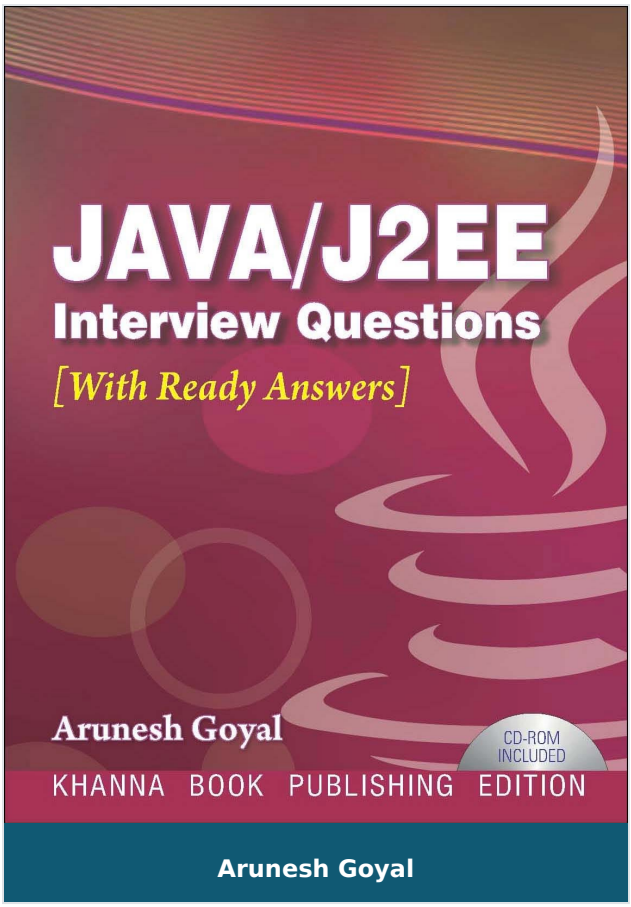
**A. Ravichandran**

A. Ravichandran He has obtained M.Tech degree in Computer Science & Engineering from IIT. Delhi and Ph.D degree in Computer Science and Engineering from IIT Kanpur. He has been in teaching field since 1983 and now currently guiding: research work on Image processing, Computer vision and Computer Graphics. He has also published 22 technical/research papers in National and International. He is an Sun certified programmer as well as Sun certified trainer by Sun Microsystems.

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# Interview Questions With JAVA/J2EE

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|---|---|
| **Author :** | Arunesh Goyal |
| **ISBN 13 :** | 978-93-81068-84-7 |
| **ISBN 10 :** | 9381068844 |
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A total of six hundred relevant Interview Question have been included which augurs well for you in your pre-interview preparation. The "Project Management" Chapter discusses organizational behavior in its various facets such as motivation, leadership, ego less programming and stress. The " The software Development process" chapter makes you enact the roles of the various people involved in the SDLC such as the system analyst, the system designer.. Besides, it has many a multiple choice problems which you would very well enjoy trying your hand at. One hundred "Bonus Interview Question on C# ,Net" have been included and the various similarities and difference between C# and Java have been taken into account. The appendix contains the essence of the JAVA API package which includes fifty-nine libraries in all. The acronyms and the glossary sections are for your ready reference. They have been so designed as to enable you to understand much of the computer jargon associated not only with the Java environment, but in general also, in a big way. The accompanying CD-ROM includes some nerve raking software, sample code and other interview preparatory material.

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- UML
- Project Management
- The Software Development Process
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- Acronyms
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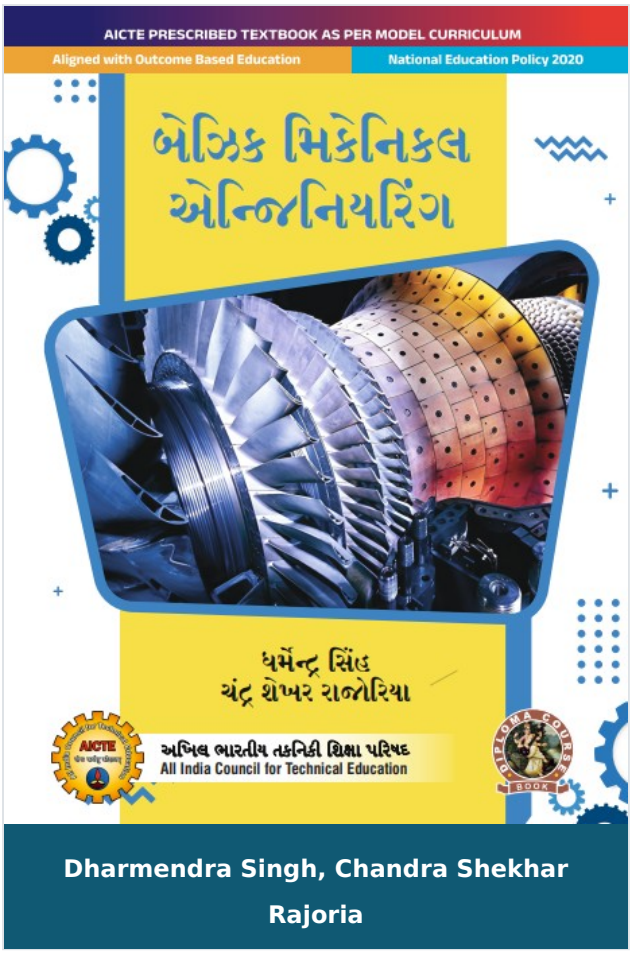
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Arunesh Goyal is a topper from University of Delhi {B.Sc. (H) Mathematics: Kirorimal College. North Campus}. He has been personally awarded by Mr. Amitabh Bachchan. He is also a First Division MCA degree holder from the same university. Besides, he has worked as Computer Analyst/Consultant at St. Stephen's Hospital, Delhi for more than 10 years. This underlines his extensive programming and systems development experience. Besides, he has worked on two projects related to intelligent databases with Comtech International Ltd., Noida. and the Times of India, New Delhi, respectively.

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# Basic Mechanical Engineering

| | |
|---|---|
| **Author :** | Dharmendra Singh, Chandra Shekhar Rajoria |
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# Mastering PHP

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|---|---|
| **Author :** | WebTech Sol. |
| **ISBN 13 :** | 978-93-81068-67-0 |
| **ISBN 10 :** | 9381068670 |
| **E-ISBN 13 :** | 978-93-81068-67-0 |
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## Author

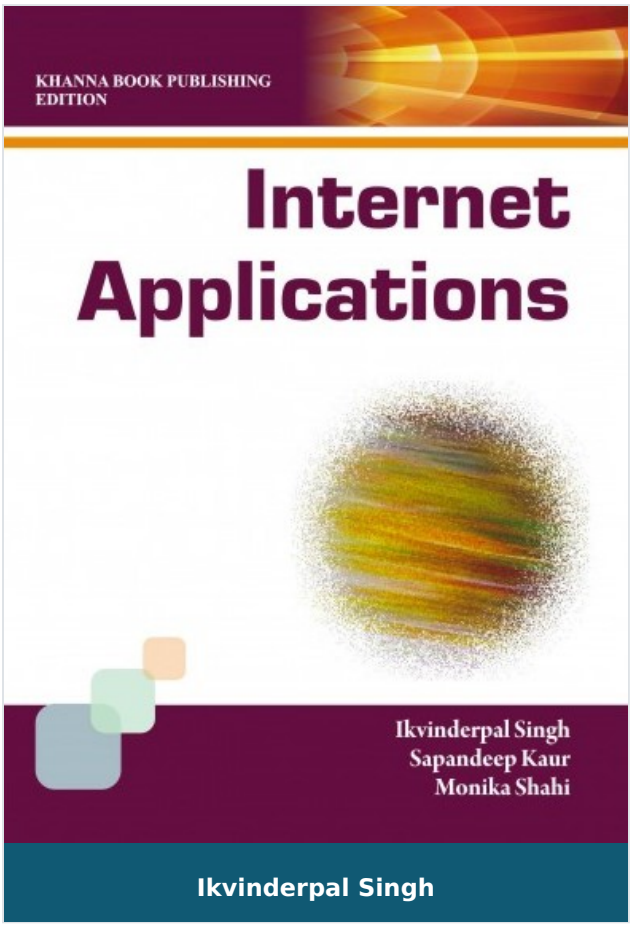
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# Internet Applications

| | |
|---|---|
| **Author :** | Ikvinderpal Singh |
| **ISBN 13 :** | 978-93-81068-39-7 |
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| **Country Origin :** | India |

## Product Description

This book is meant for a wide range of readers, who wish to learn the basic concepts of internet applications. in the book we cover all basic concepts of internet of various Indian Universities in as systematic and simplified manner. While writing this book, it was kept in mind to include only the relevant topics so that it is useful both for learning and reference purpose. Internet application have been introduced from the first principles and discussed in an easy manner, so that a beginner can grasp the concepts of working of internet, E-mail, internet protocols, newsgroup, worldwide web, search engines, internet and extranet, web designing using HTML, DHTML with programming techniques.

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- World Wide Web (WWW)
- HTML
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- Javascript
- DHTML
- Search Engines
- Intranet & Extranet


## Author

**Ikvinderpal Singh**

Dr. Ikvinderpal Singh is an Assistant Professor at Trai Shatabdi Guru Gobind Singh Khalsa college Amritsar, bringing 17+ years of academic leadership and research experience to the field of computer science. A Gold Medalist in B.Sc. IT, with an MCA (Distinction) and a Ph.D. in Neural Networks and Image Processing, he is known for blending rigorous research with practical innovation. A prolific academic creator, he has authored 37 books, published 82+ research papers, and designed 100+ industry-aligned skill-development courses. His expertise extends to doctoral evaluation, supervision, and active participation on 100+ editorial and review boards worldwide.

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