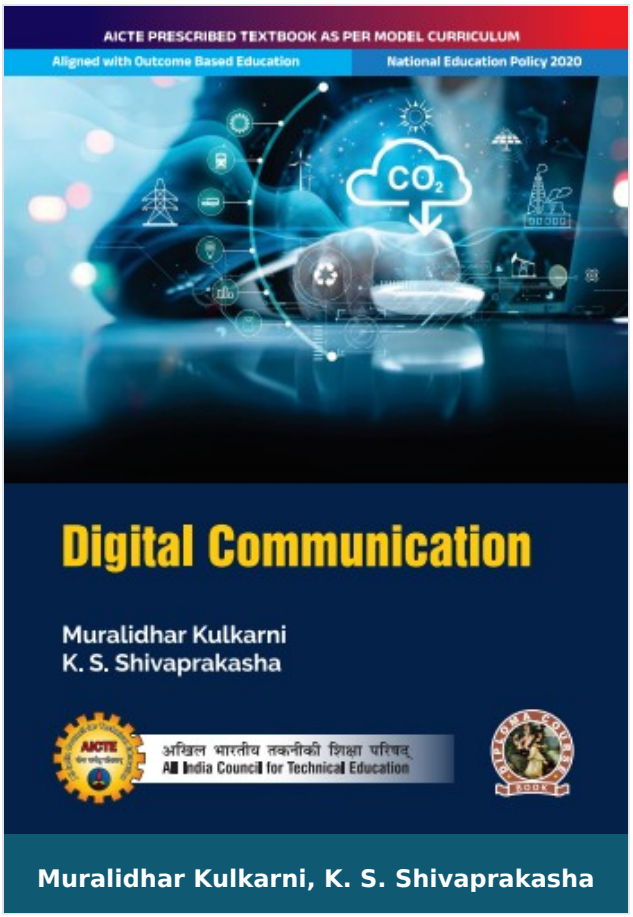


Digital Communication

Author :	Muralidhar Kulkarni, K. S. Shivaprakasha
ISBN 13 :	978-93-55383-30-3
ISBN 10 :	9355383304
E-ISBN 13 :	978-93-55383-30-3
Edition :	First
Pages :	340
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 525.00
Categories :	English Books, Book Store, AICTE Prescribed Textbooks
Condition Type :	New
Country Origin :	India

Product Description

Digital Communication

The focus of this book is the area of digital communication, which has witnessed a worldwide digital and wireless communication revolution in the last two decades. This field has created a high demand in industry for graduates with in-depth expertise in digital transmission techniques and a sound and complete understanding of their core principles. This book on Digital communication presents the theory and application of the subjects a unique but lucid form. The book inserts equal importance to the theory and application aspect of the subject whereby the author selected a wide class of problems including well thought of exercises and QR codes for additional reading. This book is aimed at giving the beginner a basic understanding of the concepts in addition to deriving required mathematical formulas.

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.

Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

- 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.

Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Pulse Modulation and Transmission
- Baseband Transmission
- Analysis of Signal Space
- Passband Digital Transmission
- Information Theory
- Coding Techniques
- Appendix
- References for Further Learning
- Index

Author

Muralidhar Kulkarni

Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Prof. Muralidhar Kulkarni Professor, department of ECE, National Institute of Technology Karnataka Prof. K.S. Shivaprakasha Professor, Department of ECE NMAM Institute of Technology, NITTE, Karnataka

K. S. Shivaprakasha

Prof. Muralidhar Kulkarni Professor, department of ECE, National Institute of Technology Karnataka Prof. K.S. Shivaprakasha Professor, Department of ECE NMAM Institute of Technology, NITTE, Karnataka

Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320