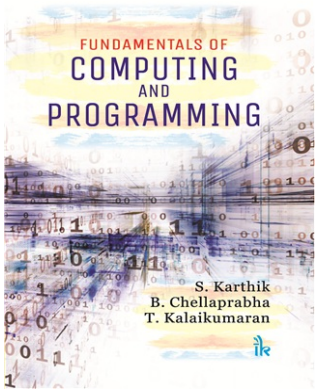
Book Information Sheet



Fundamentals of Computing and Programming

S. Karthik, Chellaprabha B. & T. Kalaikumaran

2017 **200 pp** **Paperback** **ISBN: 9789385909924** **Price: 245.00**

About the Book

Fundamentals of Computing and Programming provides not only theoretical knowledge but also practical aspects to make the student industry-ready. Each chapter is presented in a unique way with lot of examples, sample programs and most importantly comprehensive interview readiness questions in the last section, which will not only help revisit the concepts, but also make sure that the student can face the interviewer in this prescribed area without fear and hesitation. The book deals with topics like the fundamentals, generations, organization and architecture of computers in the beginning and then the chapter further deals with number systems, software classification, the Internet, C programming, fundamental rules and guidelines, operators, ,arrays and string operations the structures and unions and so on.

Salient Features

Presents theoretical as well as practical approach for making the student industry-ready.
The chapters are presented in a unique way with a lot of examples and sample programs.
Deals with C programming, its introduction, fundamental rules and guidelines, process of compilation and linking, variables, naming conventions, operators, etc.
Description of arrays and string operations quite comprehensively.
Discusses the structures and unions with coverage also given to the preprocessor directives.

Table of Contents

1. Introduction
2. C Programming
3. Arrays and Strings
4. Functions: An In-depth Analysis and Understanding
5. Structures and Unions

Appendix
Index

About the Author

S. Karthik :- **Dr. S. Karthik** is currently serving as Dean and Professor in the department of Computer Science and Engineering at SNS college of Technology, Coimbatore. He has been in this line for many years with many awards and recognitions to his credit. He has authored many research papers and delivered talks in many forums.

Chellaprabha B. :- **Dr. Chellaprabha. B** is a seasoned academician with couple of decades of experience as a teacher. She is currently associated with SNS college of technology, Coimbatore as Head - Academics. She has a lot of research papers for her credit and she has presented papers in many forums. She has co-authored a book on Fundamentals of Computer Science Ms. Prabha has got many accolades as a teacher.

T. Kalaikumaran :- **Dr. T. Kalaikumaran** is Head and Professor, Dept. of CSE, SNS College of Technology, Coimbatore