

Fundamental of
COMPUTERS

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FUNDAMENTALS OF COMPUTERS

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FOREWORD

Technology in form of Internet, social media, smart phones and tablet computers has been playing a larger role in our daily lives. The majority of computers, whether in large corporations, in small businesses, or at home, are connected together in a network that creates a global community. People have become increasingly dependent on computer and networks in many aspects of their lives – from communication, entertainment and financial transactions, to education and government services. Learners not only need to know the basics of computer technology but to be aware all kind of functions and system by ensuring their availability, integrity, authentication, confidentiality, and non-repudiation so that the right people can access the right information at the right time.

This book provides a valuable window on information assurance and covers the necessary components of Fundamental of computers. In this new age of global interconnectivity and interdependence, it is necessary to know the basic concepts of computer technology and this book is a step ahead in that direction. I congratulate Dr. Anshu Mathur for her new endeavor and wish her good luck.

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ABOUT THE BOOK

Computer is a necessity nowadays because of its usage at almost every work place such as banks, hospitals, railways, shopping complex, schools, and colleges and even at homes. Everyone wants to learn computer to keep pace with this new technology.

'Fundamentals of computers', this book provides a valuable window on information assurance and covers the necessary components of basics about computers. The book is divided into four units which present a row of knowledge about computer and its technology. First unit comprises the definition, Meaning, uses, history and working of computers. The second unit gives details about the input and output devices. Third unit presents Storage fundamentals and fourth unit covers the computer software and its types.

P R E F A C E

Computers have become common tool for diverse range of applications. Mobiles in hand and Tablets have increased exploration surprisingly every possible occurrence of life and more interesting applications popping up every day. Computers are everywhere: at work, at school, at college and at home. They are a primary means of local and global communication for billions of people. Thus, many people believe that computer literacy is vital to success in today's world. Computer literacy, involves having a current knowledge and understanding of computers and their uses. This book is especially dedicated to introducing basics to students. This set of notes is a combination of concepts which I gleaned from books and papers written by various writers to teach.

First and foremost, I would like to thank Almighty God to bless me and my family for standing beside me throughout my career and writing this book. My beloved daughter has been my brainwave and motivation for continuing to improve my knowledge and move my career forward.

I thank to all of my students for being inspiration, thanks for being there guys!

There are many more people I could thank, but time, space, and modesty compel me to stop here.

 *Dr. Anshu Mathur*

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