

COMPUTER SYSTEM & PROGRAMMING (CS-101)

Pre-requisite: None

Credit Hours 02

Contact Hours 32

RECOMMENDED BOOK(S)

Turbo C, By Robert La fore
Programming with C++, Schaum's Series

REFERENCE BOOK(S)

Turbo C, By Deitel&Deitel

COURSE OBJECTIVES

To learn fundamentals of computer hardware and basic terminologies.

To learn structure programming to solve the engineering problems.

S. No.	CLO/PLOS MAPPING	DOMAIN	PLO
1	Define the fundamental concepts of computing and basic computer programming	C1	01
2	Explain the concepts of computer programming to a particular situation	C2	01
3	Apply the acquired knowledge to conceive, design, implement and debug small-to-moderate scale C programs	C3	01

COURSE CONTENTS

Introduction to Computers:

Computer components and systems, Networks, Operating Systems. Input/output devices, CPU, Primary and secondary storage devices.

Software:

Word Processing, Spreadsheets, Presentation software, Internet Browsers & E-mail.

Introduction to Programming:

Flowcharts, Pseudo codes, logical gates.