

**VELAGAPUDI RAMAKRISHNA
SIDDHARTHA ENGINEERING COLLEGE::VIJAYAWADA
(AUTONOMOUS)**

DEPARTMENT OF SCIENCE AND HUMANITIES

MICRO LEVEL SYLLABUS

Class	B. Tech	Regulation	VR20
Subject Code	20ES1103	Year & Semester	I Year I Semester
Title of the Subject	Programming for Problem Solving		

Unit No	Content/Topics Covered	Text Book	Chapter/ Section No.	Page Number
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Text Books:

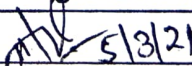

- [T1] Programming and Problem Solving Through "C" Language By Harsha Priya, R. Ranjeet · Firewall media 2006
- [T2] Behrouz A. Forouzan and Richard F. Gilberg, "Computer Science A Structured Programming Approach Using C", CENGAGE Learning, Third Edition.

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- [R1] Anil B. Chaudhuri, "Flowchart and Algorithm Basics: The Art of Programming", Mercury Learning & Information, 2020.
- [R2] R.G. Dromey, "How to Solve it By Computer", Prentice-Hall International Series in Computer Science, 1982.
- [R3] Yashwant Kanetkar, "Let us C", BPB Publications, 16th Edition 2017.
- [R4] Kernighan and Ritchie, "The C programming language", The (Ansi C Version), PHI, second edition.
- [R5] Paul J. Dietel and Harvey M. Deitel, "C: How to Program", Prentice Hall, 8th edition (Jan 19, 2021).
- [R6] K.R. Venugopal, Sundeep R. Prasad, "Mastering C", McGraw Hill, 2nd Edition, 2015.

E-resources and other digital materials

- [1] Computer Science and Engineering - Noc: problem Solving Through Programming in C. [online]
<https://nptel.ac.in/courses/106/105/106105171/>
- [2] Computer Science and Engineering - Noc: introduction To Programming in C. [online]
<https://nptel.ac.in/courses/106/104/106104128/>
- [3] C For Everyone: Structured Programming. [online]
<https://www.coursera.org/learn/c-structured-programming>.
- [4] Advanced C Programming Course Tim Academy-Jason Fedin. [online]
<https://www.udemy.com/course/advanced-c-programming-course/>

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