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		

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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.

Reference Books:

[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 program-ming.

[4] Advanced C Programming CourseTim Academy-Jason Fedin. [online] https://www.udemy.com/course/advanced-c-programming-course/

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