**PH 422: Computational Programming (1-0-2:2)**

Computer languages, C language, algorithms, flow chart, constants and variables, operators and expressions, control statements, looping, functions, arrays, strings, pointers, files in C, preparing and running a C program, problem solving examples in C.

**Textbooks and References**

1. V. Rajaraman, “Computer Programming in C”, PHI Learning.
2. B. Gottfried, “Programming with C”, Schaum's Outlines Series.
3. B. W. Kernighan and D. M. Ritchie, “The C programming language”, Prentice-Hall.
4. E. Balagurusamy “Programming in ANSI C”, 7th Edition, McGraw Hill Education India Private Limited