

Books

List of Books for the course on
Informatics Olympiad being offered
by *Cheenta*.

- (i) STRUCTURED COMPUTER ORGANIZATION by Andrew S. Tanenbaum
- (ii) Operating System Principles by Per Brinch Hansen
- (iii) The C++ Programming Language by Bjarne Stroustrup
- (iv) C PROGRAMMING LANGUAGE by Kernighan and Ritchie

- (v) Fundamental Algorithms by Donald Knuth
- (vi) Algorithms + Data Structures = Programs by Niklaus Wirth
- (vii) Programming and coding digital computers by Philip Sherman
- (viii) Digital Design by Morris Mano
- (ix) A Short Introduction to the Art of Programming
by prof. dr. Edsger Dijkstra (monograph)
- (x) a discipline of programming by E. Dijkstra
- (xi) Elements of the Theory of Computation by Lewis & Papadimitriou
- (xii) Introduction to Computer Theory by Daniel Cohen
- (xiii) Foundation of Discrete Mathematics by K. Joshi
- (xiv) Applied Discrete Structures for Computer Science
by Alan Doerr & Kenneth Levasseur
- (xv) Software Engineering by Roger S Pressman
- (xvi) An Integrated Approach to Software Engineering by P. Jalote
- (xvii) Fundamentals of Software Engineering by Rajib Mall
- (xviii) Introductory Theory of Computer Science by E V Krishnamurthy

Note: This list is by no means
complete or exhaustive.
New books may be
added to it, or referred
and mentioned in the
class itself.