

Course: CS2700 (Programming and Data Structures Theory)
Instructor: *Dr. Aritra Hazra* (Assistant Professor, Dept. of CSE, IIT Madras)

Class Timings: (Slot – D)

- Monday: 11:00 AM – 11:50 AM
- Tuesday: 10:00 AM – 10:50 AM
- Wednesday: 09:00 AM – 09:50 AM
- Thursday: 12:00 PM – 12:50 PM (Tutorial/Assignment)

Venue: Room No – CS 36

Course Credits: 4 (3 Lectures + 1 Tutorial/Assignment PER Week)

Course Web: (CSE-Moodle) <https://courses.iitm.ac.in/course/view.php?id=4302>

Attendance: As per institute norms

Examinations:

- Quiz-1: 20 marks (Date: 08/09/2016)
- Quiz-2: 20 marks (Date: 25/10/2016)
- Assignments / Tutorials: 10 marks
- End-Semester: 50 marks (Date: 21/11/2016)

Study Materials:

Text Book:

- Data Structures and Algorithm Analysis in C (Addison-Wesley, 1997)
- Mark Allen Weiss

Reference Books:

1. Data Structure Using C and C++ (Pearson Education, 2nd Edition, 2015)
- Y. Langsam, M. J. Augenstein and A. N. Tanenbaum
2. Fundamentals of Data Structures in C (Silicon Press, 2007)
- Horowitz, Sahni and Anderson-Freed
3. How to Solve it by Computer (PHI 1982, Paperback 2008)
- R. G. Dromey