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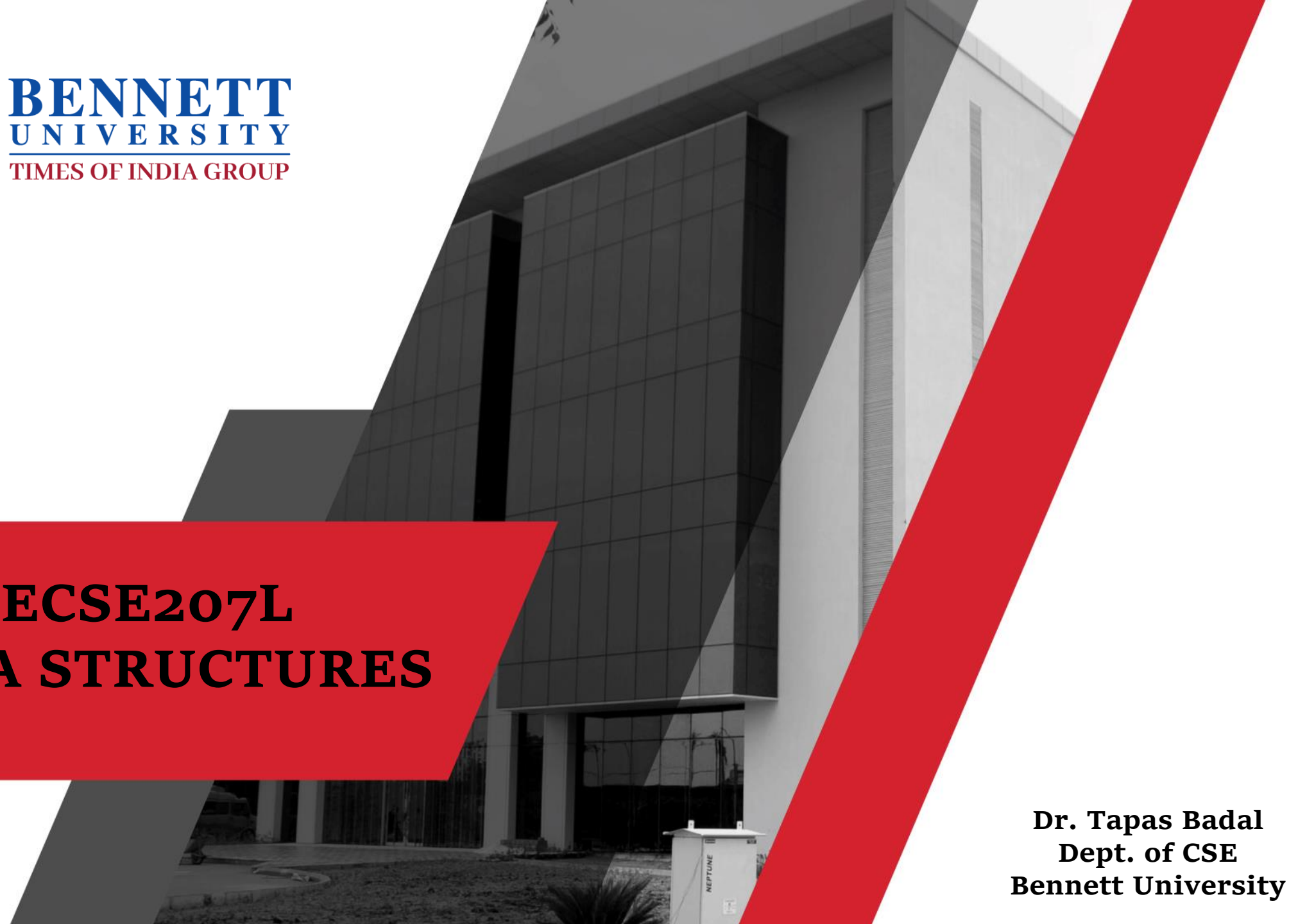

ECSE207L
DATA STRUCTURES

Dr. Tapas Badal
Dept. of CSE
Bennett University

- Tapas Badal
- tapas.badal@bennett.edu.in

Lectures

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- Try to be in the class before the lecture starts
- More than 10 minutes late may not be allowed in the class.

- Mainly the emphasis will be on algorithms for various operations.
- Some algorithms will be presented in form of Java type code, but may need tweaking for lab implementations.

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Course Name: DATA STRUCTURES

Course Code: ECSE207L

L-T-P Structure: 3-1-2

Course Outcome:

At the end of the course, the students will be able to:

CL01: Write recursive algorithms to handle all recursive data structures.
CL02: Choose appropriate searching and sorting techniques and apply graph algorithms for various practical problems.
CL03: Formulate new/improved solutions for programming problems using learned data structure.

Evaluation Components

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Components of Course Evaluation	Percentage Distribution
Mid Term Examination	15
Quiz	10
Lab Continuous Evaluation	15
Lab Examination & Project evaluation	20
Assignment	10
End Term Examination	30

EXAMS

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- Quiz tests may be surprise tests
- Notations and symbols may vary in different sources of data structures. For exam purposes we shall follow the conventions discussed in the class.
- Example: what do you mean by First floor of a building?

Labs and Assignments

- We will not be using the Data Structures Library of Java. We shall be developing those units in the lab.
- No cheating in labs and exams!!
- Each student must submit his/her own work.
- No plagiarism tolerated (you can discuss the algorithms, but cannot share the codes)
- Delete your code at the end of computer session.

Reference Books

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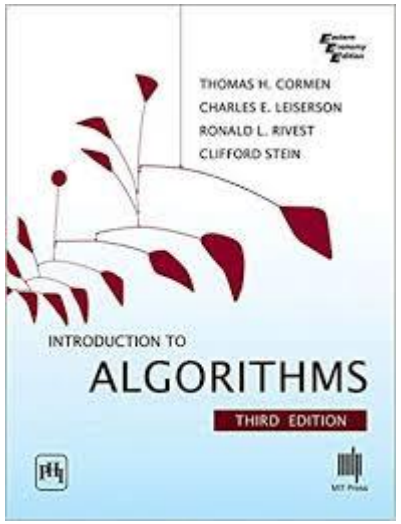

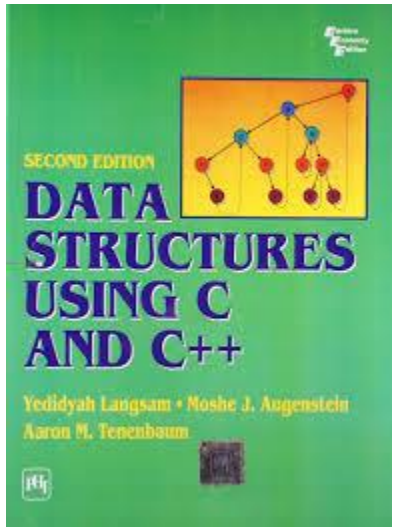

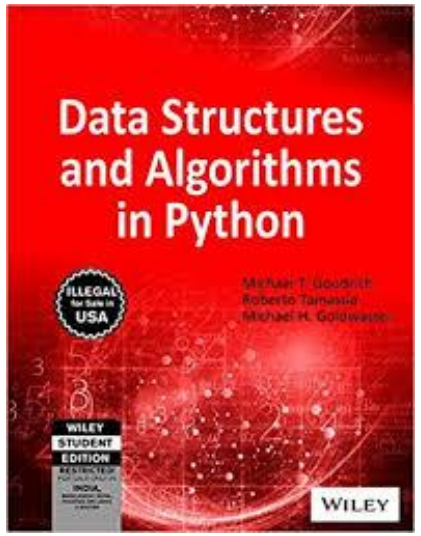

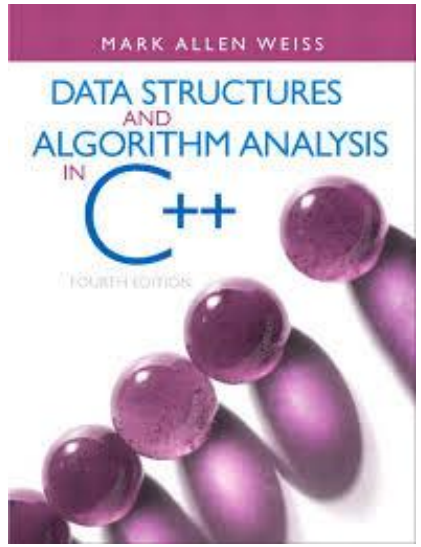

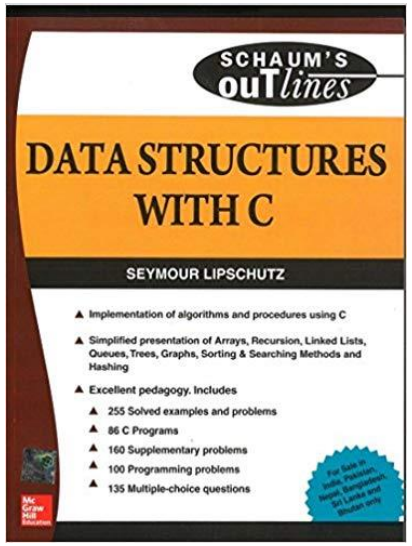

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THANKYOU

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