



SKU 121

Data Structure

The study of Data Structure is an essential part of virtually every program in Computer Science. Every discipline in Science and Engineering requires efficient problem solving technique using computers, which undoubtedly calls for the application of appropriate data structure during program development.

SKU Data Structure is an online training course designed for the students. This is a self study package explains basic concepts in interesting and innovative manner with graphical user interface. Different topics are explained with flash animations, analogies and suitable illustrative examples. Interactive simulations are provided for clear understanding of the concepts. Frequently asked questions and quiz are provided with every topic for self evaluation of students.

At the conclusion of this course, students will be able to describe the various structures and strategies in the programming, analyzing the pros and cons of each, in order to match the requirement of the application.

Topics Covered:

- Fundamentals of Data Structure
- Array
- Stack
- Queue
- Sorting and Searching
- Tree and Graph
- Linked-list
- Hashing

SKU Features:

- Rich content with theory and animations
- Interactive Learning Objects
- FAQ
- MCQ