

Smart Interviews

Course Content for Technical Training

Basic Data Structures & Algorithms [Sem-V &Sem-VI]

Note: The course will run over a period of 3 to 4 months. Usually there will be 6hrs of class in each week till the course complete.

All the students those will enroll for this course will get the summer internship credit for the year-2022.

These students will be given the priority for product based company with higher packages during the placement drive.

The course will be more focus for solving the complex algorithms and problem solving.

The course fee -(8000/-)

For the best performers in the course and the students who will crack the higher package in the placement drive will get pay back from IICELL.

Basic Data Structures & Algorithms

Unit-I [10 hours]

Bit Manipulations
Complexity Analysis Of Algorithms
Recursion
Backtracking

Unit-II [15 hours]

Arrays, Matrices & Strings
Searching
Sorting
Hashing

Unit-III [15 hours]

Linked Lists
Stacks
Queues

Unit-IV [15 hours]

Heaps
Trees
Trie

Unit-V [10 hours]

Greedy Programming
Dynamic Programming

Unit-VI [10 hours]

Graph Theory
Segment Trees