



## OPEN EDUCATIONAL RESOURCE

**Course Code: CSE205**

**Course Title: DATA STRUCTURES AND ALGORITHMS**

**L.T.P: 3.0.2**

**Credit: 4**

Course Code	Course Title	Unit mapped	Broad topic	OER Type	Title of OER	Source URL
<b>CSE205:Data Structures And Algorithms</b>		Unit 1	Arrays, Sorting and Searching	Reading material (online tutorial), Practice Questions	Learn Data Structures and Algorithms  DSA Tutorial	<a href="https://www.geeksforgeeks.org/array-data-structure/?ref=lbp">https://www.geeksforgeeks.org/array-data-structure/?ref=lbp</a>
		Unit 2	Linked Lists	Reading material (online tutorial), Practice Questions	Learn Data Structures and Algorithms  DSA Tutorial	<a href="https://www.geeksforgeeks.org/data-structures/linked-list/?ref=lbp">https://www.geeksforgeeks.org/data-structures/linked-list/?ref=lbp</a>
		Unit 3	Stacks, Queue	Reading material (online tutorial), Practice Questions	Learn Data Structures and Algorithms  DSA Tutorial	<a href="https://www.geeksforgeeks.org/stack-data-structure/?ref=lbp">https://www.geeksforgeeks.org/stack-data-structure/?ref=lbp</a>
		Unit 4	Trees, Recursion	Reading material (online tutorial), Practice Questions	Learn Data Structures and Algorithms  DSA Tutorial	<a href="https://www.geeksforgeeks.org/introduction-to-tree-data-structure-and-algorithm-tutorials/?ref=lbp">https://www.geeksforgeeks.org/introduction-to-tree-data-structure-and-algorithm-tutorials/?ref=lbp</a>

	Unit 5	AVL trees and Heaps	Reading material (online tutorial), Practice Questions	Learn Data Structures and Algorithms   DSA Tutorial	<a href="https://www.geeksforgeeks.org/introduction-to-avl-tree/?ref=lbp">https://www.geeksforgeeks.org/introduction-to-avl-tree/?ref=lbp</a>
	Unit 6	Graphs, Hashing	Reading material (online tutorial), Practice Questions	Learn Data Structures and Algorithms   DSA Tutorial	<a href="https://www.geeksforgeeks.org/graph-data-structure-and-algorithms/?ref=lbp">https://www.geeksforgeeks.org/graph-data-structure-and-algorithms/?ref=lbp</a>