**Department of Computer Engineering**

**Class: Second Year of Computer Engineering (2015 Course)**

**Subject Name: Advanced Data Structures (210252)**

NPTEL Video Links

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| --- | --- | --- | --- |
| **Sr. No** | **Unit No.** | **Topic Title** | **NPTEL video Link** |
|  | **Unit I**  **Tree** | **Trees**  **Traversal , Searching, TBT**  **Binary Search trees** | <http://nptel.ac.in/courses/106102064/6> |
|  | <https://www.youtube.com/watch?v=zWg7U0OEAoE&list=PL756C189360EA63F6> |
|  | <https://www.youtube.com/watch?v=JZhdUb5F7oY> |
|  | <https://www.youtube.com/watch?v=JZhdUb5F7oY> |
|  | <https://www.youtube.com/watch?v=pYT9F8_LFTM> |
|  | **DFS** | <http://nptel.ac.in/courses/106102064/27> |

Other Video Links

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| --- | --- | --- | --- |
| **Sr. No** | **Unit No.** | **Topic Title** | **Other video Link** |
| **1** | **Other** | **Stack data Structures** | <http://www.nptelvideos.com/video.php?id=1011&c=6> |
| **2** | **Queues and Linked List** | <http://www.nptelvideos.com/video.php?id=1010&c=6> |
| **3** | **Quick Sort** | <http://www.nptelvideos.com/video.php?id=1009&c=6> |

Course Coordinator Module Coordinator Host HOD