



COLLEGE OF ENGINEERING & TECHNOLOGY

**COMPUTER SCIENCE AND
ENGINEERING DEPARTMENT**

**B.E. 3rd SEMESTER
SUBJECT: DATA STRUCTURE**

SUBJECT CODE: 3130702

Sr. No.	Topic	Link	By
1	Introduction to Data Structures and Algorithms	https://www.youtube.com/watch?v=zWg7U0OEAOE&list=PLBF3763AF2E1C572F	NPTEL
2	Stacks	https://www.youtube.com/watch?v=g1USSZVWDsY&list=PLBF3763AF2E1C572F&index=2	NPTEL
3	Queues and Linked List	https://www.youtube.com/watch?v=PGWZUgzDMYI&list=PLBF3763AF2E1C572F&index=3	NPTEL
4	Trees	https://www.youtube.com/watch?v=tORLeHHtazM&list=PLBF3763AF2E1C572F&index=6	NPTEL
5	Graphs	https://www.youtube.com/watch?v=9zpSs845wf8&list=PLBF3763AF2E1C572F&index=24	NPTEL
6	The AVL Trees	https://www.youtube.com/watch?v=mRGQyIRWAsI&list=PLBF3763AF2E1C572F&index=11	NPTEL
7	Quick sort	https://www.youtube.com/watch?v=gtWw_8VvHjk&list=PLBF3763AF2E1C572F&index=10	NPTEL
8	Depth First Search	https://www.youtube.com/watch?v=CIm6RzdoPCI&list=PLBF3763AF2E1C572F&index=27	NPTEL
9	Minimum Spanning Tree	https://www.youtube.com/watch?v=k9jemw3SZe0&list=PLBF3763AF2E1C572F&index=31	NPTEL

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