

NPTEL LINKS

Sem :- M.Tech. /I

Branch: ECE

Subject :- Advanced Digital Signal Processing

S. No.	TOPIC	NPTEL Links
CHAPTER 1		
1	INTRODUCTION TO DSP	http://nptel.ac.in/courses/117102060/1 http://nptel.ac.in/courses/Webcourse-contents/IIT-KANPUR/Digi_Sign_Pro/ui/Course_home1_1.htm
2	Linear Systems	http://nptel.ac.in/courses/117102060/5
3	Stability	http://nptel.ac.in/courses/117102060/6
4	SYSTEMS	http://nptel.ac.in/courses/117102060/5
CHAPTER 2		
1	DIGITAL FILTERS	http://nptel.ac.in/courses/117102060/15 http://nptel.ac.in/courses/Webcourse-contents/IIT-KANPUR/Digi_Sign_Pro/ui/Course_home1_9.htm
2	FIR & IIR; Recursive & Non Recursive	http://nptel.ac.in/courses/117102060/7
3	Sampling and Reconstruction of Band-Limited Signals	http://nptel.ac.in/courses/117101055/24
CHAPTER 3		
1	Discrete Fourier Transform (DFT)	http://nptel.ac.in/courses/117102060/9
2	Realization of DFT	http://nptel.ac.in/courses/117102060/21

3	Z TRANSFORM	http://nptel.ac.in/courses/117102060/12
4	NUMERICALS FT, DFT, Z- TRANSFORM	http://nptel.ac.in/courses/117102060/21
CHAPTER 4		
1	IIR FILTER DESIGN	http://nptel.ac.in/courses/117102060/34
2	IIR DESIGN EXAMPLES	http://nptel.ac.in/courses/117102060/36
3	FIR FILTER DESIGN	http://nptel.ac.in/courses/117102060/39
4	STABILITY FIR FILTER	http://nptel.ac.in/courses/117102060/6
CHAPTER 5		
1	DSP STRUCTURES	http://nptel.ac.in/courses/117102060/41
2	DIGITAL FILTER STRUCTURES	http://nptel.ac.in/courses/117102060/28