

## NPTEL LINKS

**Sem** :- **ECE VII**

**Subject** :- **DIGITAL SIGNAL PROCESSING**

<b>Section</b>	<b>TOPIC</b>	<b>NPTEL Links</b>
<b>A</b>	INTRODUCTION TO DSP	<a href="http://nptel.ac.in/courses/117102060/1">http://nptel.ac.in/courses/117102060/1</a> <a href="http://nptel.ac.in/courses/Webcourse-contents/IIT-KANPUR/Digi_Sign_Pro/ui/Course_home1_1.htm">http://nptel.ac.in/courses/Webcourse-contents/IIT-KANPUR/Digi_Sign_Pro/ui/Course_home1_1.htm</a>
	SYSTEMS	: <a href="http://nptel.ac.in/courses/117102060/5">http://nptel.ac.in/courses/117102060/5</a>
	FIR & IIR; Recursive & Non Recursive	<a href="http://nptel.ac.in/courses/117102060/7">http://nptel.ac.in/courses/117102060/7</a>
	SIMPLE OPERATIONS ON SEQUENCES	<a href="http://nptel.ac.in/courses/Webcourse-contents/IIT-KANPUR/Digi_Sign_Pro/ui/Course_home1_2.htm">http://nptel.ac.in/courses/Webcourse-contents/IIT-KANPUR/Digi_Sign_Pro/ui/Course_home1_2.htm</a>
	Discrete Fourier Transform (DFT)	<a href="http://nptel.ac.in/courses/117102060/9">http://nptel.ac.in/courses/117102060/9</a>
<b>B</b>	Sampling and Reconstruction of Band-Limited Signals	<a href="http://nptel.ac.in/courses/117101055/24">http://nptel.ac.in/courses/117101055/24</a>
	Z TRANSFORM	<a href="http://nptel.ac.in/courses/117102060/12">http://nptel.ac.in/courses/117102060/12</a>
	NUMERICALS FT, DFT, Z-TRANSFORM	<a href="http://nptel.ac.in/courses/117102060/21">http://nptel.ac.in/courses/117102060/21</a>
<b>C</b>	DIGITAL FILTERS	<a href="http://nptel.ac.in/courses/117102060/15">http://nptel.ac.in/courses/117102060/15</a> <a href="http://nptel.ac.in/courses/Webcourse-contents/IIT-KANPUR/Digi_Sign_Pro/ui/Course_home1_9.htm">http://nptel.ac.in/courses/Webcourse-contents/IIT-KANPUR/Digi_Sign_Pro/ui/Course_home1_9.htm</a>
	IIR FILTER DESIGN	<a href="http://nptel.ac.in/courses/117102060/34">http://nptel.ac.in/courses/117102060/34</a>
	IIR DESIGN EXAMPLES	<a href="http://nptel.ac.in/courses/117102060/36">http://nptel.ac.in/courses/117102060/36</a>
	FIR FILTER DESIGN	<a href="http://nptel.ac.in/courses/117102060/39">http://nptel.ac.in/courses/117102060/39</a>
	STABILITY FIR FILTER	<a href="http://nptel.ac.in/courses/117102060/6">http://nptel.ac.in/courses/117102060/6</a>
<b>D</b>	DSP STRUCTURES	<a href="http://nptel.ac.in/courses/117102060/41">http://nptel.ac.in/courses/117102060/41</a>
	DIGITAL FILTER STRUCTURES	: <a href="http://nptel.ac.in/courses/117102060/28">http://nptel.ac.in/courses/117102060/28</a>