

VIT Vigitariar Institute of Ins		
Semester	T.E. Semester V– Biomedical Engineering	
Subject	Digital Signal Processing	
Subject Professor In-charge	Prof. Geetha Narayanan	
Laboratory	GE Lab/Online	

Student Name	Mrudula Wani		
Roll Number	22105A0031		
Grade and Subject Teacher's Signature			

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Record your voice. Convolve the voice in wav format with any signal/disturbance/Music. Analyze the effect. Try again with some necessary filtering. Plot the waves		
Hardware: IBM PC Compatible Computer System	Software: Matlab Online	
Reading audiofile in matlab     Convlution of audiofile		
To learn about convolution of real signal		
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Adult Case 1 - Normal sounds		
Adult Case 2 - Innocent or functional murmur		
<ul> <li>Adult Case 3 - Mitral valve stenosis (includes 4 extra recordings that have the same diagnoses)</li> <li>Adult Case 4 - Bicuspid aortic valve with aortic stenosis and insufficiency (includes 3 extra recordings that have the same diagnoses)</li> </ul>		
		Adult Case 5 - Ventricular septal defe
	Record your voice. Convolve the voice in way Analyze the effect. Try again with some necess Hardware: IBM PC Compatible Computer System  1. Reading audiofile in matlab 2. Convlution of audiofile  To learn about convolution of real signal  MP3 versions of accurate live recordings of neauscultation skill and the relation of heart sou  • Adult Case 1 - Normal sounds  • Adult Case 2 - Innocent or functional  • Adult Case 3 - Mitral valve stenosis (in diagnoses)  • Adult Case 4 - Bicuspid aortic valve will approach the sounds and the stenosis (in diagnoses)	



