Rajshahi University of Engineering and Technology

Department of Electrical & Electronic Engineering

<u>Course no.</u>	EEE 4108
<u>Course title:</u>	Digital Signal Processing Sessional
<u>Experiment no.</u>	3

<u>Experiment name:</u>

3.1 s1 and s2 are two separate given signals. And s3=s1+s2, plot the Fast Fourier Transform (FFT) of s1, s2 and s3.

3.2 s4=s3+ random noise, write a python code to remove the random noise from s4 using FFT analysis.

3.3 denoise the signal s4 by designing a filter (Butter-worth filter) using python code

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