

Digital Signal Processing (KEC-503)

Activity Based Learning Session:2021-2022 (Odd Sem)

Date of Activity: 01/12/2021

Title of the Activity:

Poster Presentation of DFT using FFT (DIT & DIF) and Realization of digital system (FIR & IIR).

Procedure of conducting the activity:

Students has prepared poster (chart) for DFT using FFT and Realization of digital system (FIR & IIR) for following questions.

Q1. Determine DFT of $x(n) = \{0, 1, 2, 3\}$ and also validate answer (IDFT) using DIT-FFT and DIF-FFT.

Q2. Draw Direct form, Cascade form, Linear phase structure of FIR and Direct form I/II, parallel and ladder structure of IIR.

Photo Graphs of Activity:





Activity Performed By: Students of VD

Faculty:

Mr. Dhananjay Singh, Mr. Devendra Pratap, Dr. Shilpee Patil,