Forenoon Session

Date: 25/5/2020 Name: Sneha.G

Course: Signals & Systems USN: 4AL18EC050

Topic: • Fourier Series & Fourier Transform Sem: IV, A

• Using Mat Lab & Python

Github Repository: Sneha-G19

Report:

1. Fourier Series:

- It can represent the function by the sum of cosines & sines by increasing the frequency
- The coefficients can be computed using the integrals
- It also represents the the inner product functions

2. Fourier transform:

- It is an another coordinate transform to represent the data, images etc
- function appropriation to understand Hilbert space
- Fast fourier transformer which is performed in complex terms & modern digital communication
- calculating coefficient at each particular frequency in fourier transform
- Plotting the complex number on the complex plane by using real & imaginary coordinates

3. Fourier transform using MATLAB:

- Define a domain
- Define a function
- Compute fourier series
- Plotting of amplitudes

4. Fourier series using python

5. Fourier series & Gibbs phenomena using Mat-lab

Afternoon Session

Date: 25/5/2020
Course: Python
Topic: Build a personal website with Python & Flask

Name: Sneha G
USN: 4AL18EC050
Sem: IV, A

Report:

⇒ Build a Personal website with Python & Flask

- Create a website
- About HTML template
- Navigate menu
- CSS styling
- Creating a python
- Install it.
- Maintain the live in our website.