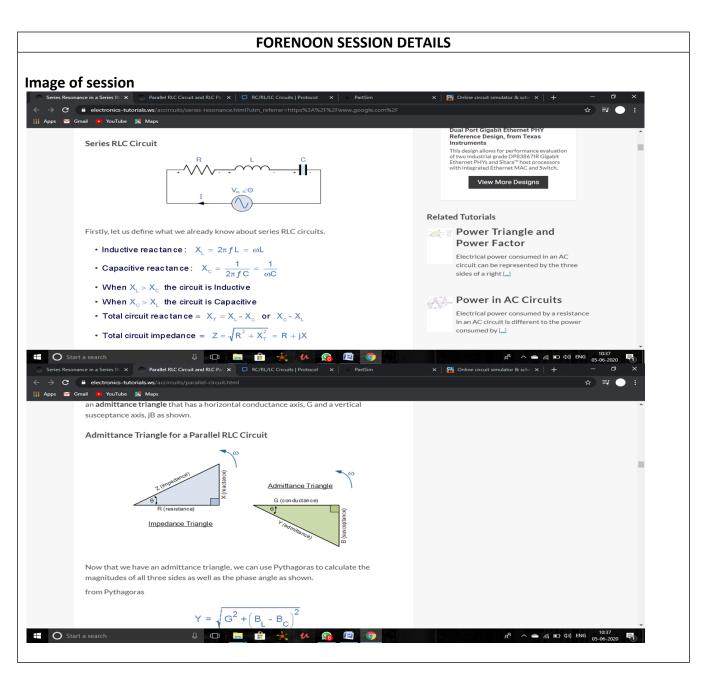
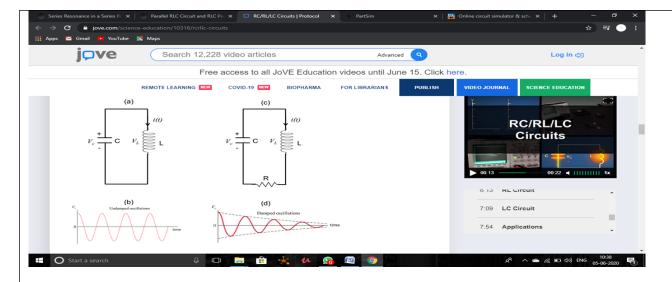
DAILY ASSESSMENT FORMAT

Date:	5 JUNE 2020	Name:	HARSHITHA H
Course:	ELECTRICAL NETWORK THEORY	USN:	4AL18EC020
Topic:	Online open source circuit simulation: 1.Series RLC 2.Parallel RLC 3.RL and RC series circuit frequency response	Semester & Section:	IV SEM & A SECTION
Github Repository:	harshithah		





Report -

ELECTRICAL NETWORK THEORY

TOPICS COVERED:

1.Online open source circuit simulation:

Series RLC:

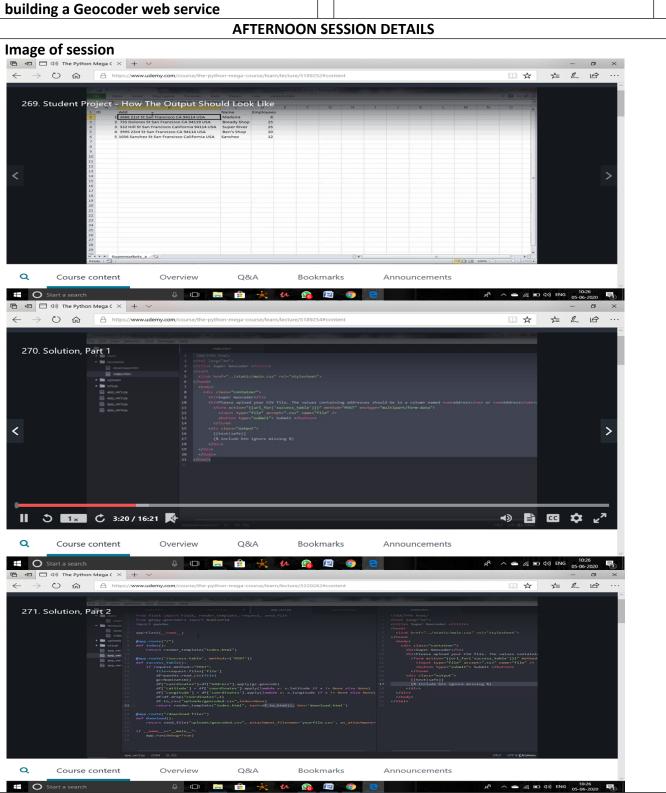
- Inductance reactance against frequency
- Capacitance reactance against frequency
- Series resonance frequency
- Impedance in a series resonance circuit
- Series RLC circuit at resonance
- Series current circuit at resonance
- Phase angle of series resonance circuit
- Bandwidth of series resonance circuit
- Bandwidth of series RLC resonance circuit

Parallel RLC:

- Phasor diagram
- Current triangle for parallel RLC circuit
- Impedance
- Admittance
- Conductance
- Susceptance
- Admittance triangle

RL and RC series circuit frequency reponse

Date:5 JUNE 2020	Name:HARSHITHA H	
Course: PYTHON	USN: 4AL18EC020	
Topic: Application 10:Project exercise on	Semester & Section: IV SEM & A SECTION	
building a Geocoder web service		



Report – PYTHON:
Application 10.Project exercise on building a Geocoder Web service:
Solutions: Part 1 Part 2