**DAILY ASSESSMENT FORMAT**

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| **Date:** | **03/06/2020** | **Name:** | **PRIYA P RAO** |
| **Course:** | **Network Theory** | **USN:** | **4AL18EC041** |
| **Topic:** | * **Evaluation of initial and final conditions in RL, RC and R L C circuits** * **Two Port Networks** | **Semester & Section:** | **4th sem ‘A’ section.** |
| **Github Repository:** | **Priya-Rao** |  |  |

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| **FORENOON SESSION DETAILS** |
| **Image of session**  **C:\Users\Pawan\Desktop\A.PNG**  **C:\Users\Pawan\Desktop\D.PNG** |
| **Chapter 1: Evaluation of initial and final conditions in RL, RC and R L C circuits**  **DC Transient: Study of DC transients in R-L-C Circuits**  **After completing this session:**   * **Be able to write differential equation for a dc circuits containing two storage elements in presence of a resistance.** * **To develop a thorough understanding how to find the complete solution of second order differential equation that arises from a simple RLC circuit.**    + **To understand the meaning of the terms** * **Over damped** * **Critically damped** * **Under damped in context with a second order dynamic system.**    + **Be able to understand some terminologies that are highly linked with the performance of a second order system.** * **Response of a series R-L-C circuit due to a dc voltage source** * **Case-A : over damped response** * **Case-B : critically damped response** * **Case-C : under damped response**   **C:\Users\Pawan\Desktop\B.PNG**  **Chapter 2: Two Port Networks**  **After completing this session:**   * **Two-ports and impedance parameters two-port concept, impedance parameters, reciprocal networks** * **Admittance, hybrid, and transmission parameters admittance parameters, hybrid parameters, transmission parameters, parameter conversion** * **Circuit analysis with two-ports terminated two-ports, two-ports in cascade, two-ports in series, two-ports in parallel** * **Two-ports and impedance parameters**   **Basics**   * **Two-port network**    + **A four-terminal network with input port and output port**   + **The network characteristics is completely described by**   + **A useful method to analyze filter, amplifier, etc.**   + **Can be extended to multi-port networks** * **O.C. impedance parameters** * **Hybrid parameter** * **Transmission parameter** |

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| **Date:** | **03/06/2020** | **Name:** | **PRIYA P RAO** |
| **Course:** | **Python** | **USN:** | **4AL18EC041** |
| **Topic:** | **Application 9: Build a Web-based Financial Graph** | **Semester & Section:** | **4th sem ‘A’ section** |
| **Github Repository:** | **Priya-Rao** |  |  |

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| **AFTERNOON SESSION DETAILS** |
| **Image of session**  **C:\Users\Pawan\Desktop\E.PNG** |
| **Chapter 1: Application 9: Build a Web-based Financial Graph**  **In today’s session I have learnt about:**   * + **Web-based Financial Graph – How the Output Will Look Like**   + **Downloading Datasets with Python**   + **Stock Market Data**   + **Stock Market Data Candle stick Charts**   + **Candlestick Charts with Bokeh Quadrants**   + **Candlestick Charts with Bokeh**   + **Stylizing the Chart**   + **The Concept Behind Embedding**   + **Embedding the Bokeh Chart in a Web page**   + **Deploying the Chart Website to a Live Server**   + **Rectangle Candlestick Segments less**   + **Bokeh Charts in a Flask Webpage** |