**DAILY ASSESSMENT FORMAT**

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| **Date:** | **04-Jun-2020** | **Name:** | **Vishwesh V Bhat** |
| **Course:** | **Course on Control Systems** | **USN:** | **4AL18EC059** |
| **Topic:** |  | **Semester & Section:** | **4th SEM and ‘A’ SEC** |
| **Github Repository:** | **Vishwesh-V-Bhat-lockdwn-learnings** |  |  |

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| **FORENOON SESSION DETAILS** |
| **Image of session** |
| **TOPICS COVERED:**   1. The First session started with an introduction to the network theory with theorems. 2. A set of separate videos on Superposition theorem, Thevenin’s theorem, Nortons theorem, Reciprocity, Millman’s theorem & Max Power Transfer theorem helped in brushing up previous semester topics of network theory. 3. New theorems like Compensation theorem and Tellegens theorem were introduced. 4. Session two required us to go through a text documentation on - Frequency response: Resonance, Bandwidth, Q factor: |

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| **Date:** | **04-Jun-2020** | **Name:** | **Vishwesh V Bhat** | |
| **Course:** | **Python by Udemy** | **USN:** | **4al18ec059** | |
| **Topic:** | 1. **Data Analysis, Processing and Representation using Python** | **Semester & Section:** | **4th SEM & ‘A’ SEC** | |
| **AFTERNOON SESSION DETAILS** | | | |
| **Image of session**   1. **!!@@#** 2. jptr4 3. jptr222 4. **jptr333** 4. **jptr444** | | | |
| **In this section we started using Pandas and a enhanced or a better version of interactive python shell i.e, IPython because we want to depict the output in terms of graphical or simply a structural and more representable manner.**  **This section taught us about loading files of different extension to the jupyter notebook.**  **Used pandas to implement data frames to given data as shown in figures above.**    **Figure 1: Using pandas on command prompt just to get started.**  **Figure 2: Getting started with jupyter notebook(basics).**  **Figure 3:loading .csv files.**  **Figure 4:loading .json files.**  **Figure 5:loading .xlsx/.xls(excel) files.** | | | |