**DAILY ASSESSMENT FORMAT**

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| **Date:** | **04/06/2020** | **Name:** | **K Gaurav Shet** |
| **Course:** | **Network Analysis** | **USN:** | **4AL18EC023** |
| **Topic:** | * **Online open source circuit simulation** * **Circuit Lab** * **Part Sim** | **Semester & Section:** | **4th sem ‘A’ section.** |
| **Github Repository:** | **Gaurav-shet** |  |  |

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| **FORENOON SESSION DETAILS** |
| **Image of session** |
| **In today’s session I have learnt about:**   * **Online open source circuit simulation** * **Circuit Lab** * **Part Sim** * **Practice Mesh and Nodal analysis and network** * **Theorems using both the circuits** * **Example: RC Charging CircuitIt Shows a capacitor (C) in series with a resistor (R) forming an RC Charging Circuit connected across a DC battery supply (Vs). When the circuit simulates, the capacitor will gradually charge up through the resistor until the voltage across it reaches the supply voltage of the battery. The manner in which the capacitor charges up is also shown below** |