Date: 25/04/2019

**Summary Report on WIT & WIL**

**(Daily Report)**

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| **Name of the Faculty:**  **Dr.G V P N Srikanth** | | | **Name of Subject: LAODE & LT** | |
| **Class/Section: I B.Tech. II Sem/EEE-1** | | | | |
|  | Grid Reference No.: | 5.1.3 | |
|  | Scenario Reference No.  (Mapping with Syllabus) | 4 | |
|  | Topic covered in every class | Series Solutions and [Frobenius method](https://en.wikipedia.org/wiki/Frobenius_method) | |
|  | Brief write-up (500 words) for every class: | In mathematics, the power **series** method is used to seek a power **series** **solution** to certain **differential equations**. In general, such a **solution** assumes a power **series** with unknown coefficients, then substitutes that **solution** into the **differential equation** to find a recurrence relation for the coefficients. Image result for series solution of differential equation | |
|  | Relevant additional illustration if any: |  | |
|  | Video Links/ Web Links if any: | <https://nptel.ac.in/courses/122107037/10> | |
|  | Signature of Repository Administrator: |  | |