Date: 22/4/2019

**Summary Report on WIT & WIL**

**(Daily Report)**

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| **Name of the Faculty: Dr. G.Sireesha** | **Name of Subject: LAODE &LT** |
| **Class/Section: I B.Tech. II Sem/ ECE-2** | |

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|  | Grid Reference No.: | 6.2.1 |
|  | Scenario Reference No.  (Mapping with Syllabus) | 1 |
|  | Topic covered in every class | Inverse laplace transform & problems |
|  | Brief write-up (500 words) for every class: | * The concept of Laplace Transformation play a vital role in diverse areas of science and technology such as quickly solve differential equations occurring in the analysis of electronic circuits, Signal Analysis and Design, communication engineering, control engineering, linear system analysis, statistics, optics, quantum physics, analysis of HVAC (Heating, Ventilation and Air Conditioning). |
|  | Relevant additional illustration if any: | The Laplace transform is designed to analyze a specific class of time domain signals: impulse responses consisting of sinusoids and exponentials. |
|  | Video Links/ Web Links if any: | https://www.scribd.com/doc/33062780/Applications-and-Use-of-Laplace-Transform-in-the-Field-of-Engineering |
|  | Signature of Repository Administrator: |  |