|  |  |
| --- | --- |
| **logo** | **CHALAPATHI INSTITUTE OF ENGINEERING AND TECHNOLOGY**  **Chalapathi Nagar, Lam, Guntur-34** |

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**Subject: – LINEAR CONTROL SYSTEMS**

|  |  |  |
| --- | --- | --- |
| Faculty Name: K.MURALI KRISHNA RAJU | Year / Sem: B.Tech in EEE 3/1 | Academic Year: 2019-20 |

**Course Outcomes**

|  |  |
| --- | --- |
| **C 311.1** | Understand the fundamentals of (feedback) control systems (**Comprehension**) |
| **C 311.2** | compute the mathematical model of a physical systems ( **application**) |
| **C 311.3** | Analyze time and frequency-domain responses of first and second order systems  (**Analysis**) |
| **C 311.4** | Extend the performance of control system towards stability using Compensation techniques (**Comprehension**) |
| **C 311.5** | Solve the system equations using **State space analysis** (**Application** ) |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO10** | **PO11** | **PO12** |
| **C 311.1** | **3** | **2** | **2** | **2** | **1** | **-** | **-** | **-** | **-** | **-** | **-** | **-** |
| **C 311.2** | **3** | **3** | **2** | **1** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** |
| **C 311.3** | **3** | **2** | **1** | **1** | **-** | **-** | **-** | **-** | **-** | **-** | **2** | **-** |
| **C 311.4** | **3** | **2** | **2** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **2** | **-** |
| **C 311.5** | **3** | **2** | **1** | **-** | **2** | **-** | **-** | **-** | **-** | **-** | **2** | **-** |
| **C 311** | **3** | **3** | **2** | **2** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** |

|  |  |  |  |
| --- | --- | --- | --- |
|  | **PSO1** | **PSO2** | **PSO3** |
| **C 311.1** | **1** | **-** | **-** |
| **C 311.2** | **-** | **-** | **-** |
| **C 311.3** | **-** | **-** | **-** |
| **C 311.4** | **-** | **2** | **-** |
| **C 311.5** | **2** | **-** | **1** |
| **C 311** | **-** | **-** | **-** |

High-3, Medium-2, Low-1

**Signature of the faculty**