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

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Subject: – LINEAR CONTROL SYSTEMS**

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

**CO-PO/PSO ATTAINMENT**

**Course Outcomes**

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| **C 225.1** | Describe various factors associated with power plants, power plant economics.  (Comprehension) |
| **C 225.2** | Explain about various tariff structures. (Comprehension) |
| **C 225.3** | Describe the generation of electrical power from coal power plant and hydro power plant.(Comprehension) |
| **C 225.4** | Describe the layout of subsystems of various nuclear power plants and gas turbine power plants.(Comprehension) |
| **C 225.5** | Illustrate the significance of non conventional energy resources, power generation using solar, wind, tidal, geo thermal and fuel cells.(Application) |

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|  | **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO10** | **PO11** | **PO12** |
| **C 225.1** | 3 | 2 | -- | -- | -- | 1 | -- | -- | -- | -- | -- | **--** |
| **C 225.2** | 3 | 2 | -- | -- | -- | 1 | -- | -- | -- | -- | -- | -- |
| **C 225.3** | 2 | -- | 3 | -- | -- | 1 | -- | -- | -- | -- | -- | -- |
| **C 225.4** | 2 | -- | 3 | -- | -- | 1 | -- | -- | -- | -- | -- | -- |
| **C 225.5** | 1 | -- | 3 | -- | -- | 2 | -- | -- | -- | -- | -- | -- |
| **C 225** | 2.2 | 2 | 3 | -- | -- | 1.4 | -- | -- | -- | -- | -- | -- |

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| **CO** | ATTAINMENT | **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO10** | **PO11** | **PO12** |
| **C 225** | **2** | **2** | **2** | **2** |  |  | **2** |  |  |  |  |  |  |

**CO-PSO ATTAINMENT**

**Mapping on CO’s to PSO**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **PSO1** | **PSO2** | **PSO3** |
| **C 225.1** | 1 | -- | -- |
| **C 225.2** | 2 | -- | -- |
| **C 225.3** | 3 | 2 | -- |
| **C 225.4** | 3 | 2 | -- |
| **C 225.5** | 3 | 2 | -- |
| **C 225** | 2.4 | 2 | -- |

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| **CO** | ATTAINMENT | **PSO1** | **PSO2** | **PSO3** |
| **C 225** | **2** | **2** | **2** | **-** |

**Signature of the Faculty**