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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 |

**Improvements identified based on COs Assessment**

**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) |

**Course outcomes Attainment**

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| --- | --- | --- |
| **CO** | **% Students attained the CO** | **Attainment level** |
| **C 225.1** | 39 | 1 |
| **C 225.2** | 59 | 2 |
| **C 225.3** | 59 | 2 |
| **C 225.4** | 68 | 3 |
| **C 225.5** | 75 | 3 |

Best performing Course Outcome: **C 225.5**

Least performing Course Outcome: **C 225.1**

**Observations / Reasons for low attainment:**

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| Reason1: | No Tutorial Classes are conducted for the course outcome **C 225.1** |
| Reason2 | Students have less concentrated on course outcome |
| Reason3 | Students are less aware of renewable energy sources |

**Improvements identified / Plan of Action:**

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| --- | --- |
| Plan of Action 1 | Tutorial Classes should be conducted at the end of course |
| Plan of Action 2 | Motivate the Students to concentrate equally throughout the course |
| Plan of Action 3 | Show the practical models on renewable energy sources |

**Signature of Faculty**