



EENAKSHI COLLEGE OF ENGINEERING

No-12, Vembuli Amman Koil Street, West K.K.Nagar,
Chennai-600078.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ELECTRICAL MACHINES LABORATORY

LIST OF LAB'S CONDUCTED:

- **EE3311** - ELECTRICAL MACHINES LABORATORY - I
- **EE3411** - ELECTRICAL MACHINES LABORATORY – II
- **BE3251**- BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY

LIST OF MAJOR EQUIPMENTS:

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|---|---|
| 1. DC Shunt Motor with Loading Arrangement | 2 |
| 2. DC Shunt Motor Coupled With Three phase Alternator | 1 |
| 3. Single Phase Transformer | 2 |
| 4. DC Series Motor with Loading Arrangement | 1 |
| 5. DC Compound motor with loading arrangement | 1 |
| 6. DC Shunt Motor Coupled With DC Compound Generator | 2 |
| 7. DC Shunt Motor Coupled With DC Shunt Generator | 1 |
| 8. Tachometer -Digital/Analog | 4 |
| 9. Single Phase Auto Transformer | 2 |
| 10. Three Phase Auto Transformer | 1 |
| 11. Single Phase Resistive Loading Bank | 2 |
| 12. Three Phase Resistive Loading Bank | 2 |
| 13. Rheostats As per the requirement for the machines | |

