

Power Electronics II

Content:

- **Matrix Converter,**
- **Space Vector Modulation,**
- **Multi-Level Converters,**
- **Multi-Level Matrix Converters,**
- **Resonant Converters,**
- **Components Temperature Control and Heat Sinks,**
- **State-space of DC/DC Converters,**
- **Power Factor Correction Circuits,**
- **Power Supplies,**
- **Space-state Modeling of Facts Devices.**

Grads System

Mid-Term 30%

Final 30%

Projects: Simulations and Papers