



Department of Electrical and Electronics Engineering
BIRLA INSTITUTE OF TECHNOLOGY
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Present Areas of Research in the Department are

Power System

- I. Renewable for smart grid
- II. Availability based Tariff management
- III. Power System Analysis
- IV. Modeling and reliability analysis of Phasor Measurement Unit
- V. Modeling and reliability analysis of Wide area measurement System
- VI. Voltage improvement & stability

Control System

- I. System identification and classification
- II. Image processing for vehicular application
- III. Digital signal Processing
- IV. Robotics

Power Electronics

- I. Power Electronics and Drives for Hybrid-Electric Vehicles
- II. High performance drives
- III. Permanent and non-permanent magnet motor drives
- IV. Fault tolerant drives
- V. Contactless Energy Exchange

Measurement and Instrumentation

- I. Sensor development
- II. Instrumentation and control