

## **BIODATA:**

**Name:** Uppuluri Suryavalli

**Designation:** Assistant professor

### **Academic and professional career:**

#### **Academic career:**

- Received B.E degree in Electrical Engineering from OU in 2006, M.Tech in Machine Drives and Power Electronics from IIT Kharagpur in 2008.

#### **Professional career:**

- **Industry Experience:**

- Worked for General Electric(GE) from June 2008 till September 2013
- Executed Electrical Machine diagnostics project in GE-Global Research Centre.
- Developed the MATLAB SIMULINK models for machines and power electronics
- Designed induction machines for various customer requirements like wide speed range motors.

- **Teaching Experience:**

- Working as Assistant Professor at Electrical Engineering Department, University College of Engineering, Osmania University since October 2013.

#### **Publication:**

- Filed a patent on detection of rotor bar anomaly in induction machines

#### **Research Interest:**

- Machine Drives and Power Electronics, Electric and Hybrid Vehicles, Battery Management Systems, Converter topologies and Control