

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