



# **SREE VIDYANIKETHAN ENGINEERING COLLEGE** **(Autonomous)**

Sree Sainath Nagar, Tirupathi – 517 102

## **Department of Electrical and Electronics Engineering**

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### **PG PROGRAMME-PED**

The Department is offering PG program with specialization in Power Electronics and Drives (PED) started in the year 2017 with an intake of 18.

#### **Program Educational Objectives:**

After few years of graduation, the graduates of M.Tech. (PED) Program will

- PEO1. Enroll in doctoral studies or engage in research activities of societal importance.
- PEO2. Assume key positions in research divisions, industry and academia.
- PEO3. Advance professionally through continuing education, ethics and values.

#### **Program Outcomes:**

On successful completion of the Program, the graduates of M.Tech. (PED) will be able to

- PO1. Demonstrate in-depth knowledge of power electronics and drives with an ability to practice, distinguish, evaluate and integrate the existing and advanced knowledge.
- PO2. Investigate complex problem in power electronics and drives critically to design, evaluate and synthesize optimal solutions keeping in view of societal and environmental factors.
- PO3. Select, learn and apply appropriate tools, techniques and resources to solve power electronics and drives problems.
- PO4. Work independently or in groups to solve problems in power electronics and drives.
- PO5. Communicate effectively on complex engineering activities with the engineering community and society at large through effective reports, documents and presentations adhering to appropriate standards.

PO6. Advance professionally through continuing education practicing professional ethics and values