



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

Sree Sainath Nagar, Tirupathi – 517 102

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

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### **PG PROGRAMME-EPS**

The Department is offering PG program with specialization in Electrical Power Systems (**EPS**) started in the year 2004 with an intake of 18. The program was also accredited by NBA.

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

After few years of graduation, the graduates of M.Tech. (EPS) Program would

PEO1. Have enrolled 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. (EPS) Program will be able to

PO1. Demonstrate in-depth knowledge of power systems with an ability to practice, distinguish, evaluate and integrate the existing and advanced knowledge.

PO2. Investigate complex power system scenarios critically to design, evaluate and synthesize feasible, optimal solutions keeping in view of societal and environmental factors.

PO3. Select, learn and apply appropriate tools, techniques and resources to solve power system problems.

PO4. Work independently or in groups to solve problems in power systems

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.