

SREE VIDYANIKETHAN ENGINEERING COLLEGE

(AUTONOMOUS)

SREE SAINATH NAGAR, TIRUPATI-517 102

Department of Electrical and Electronics Engineering

M.Tech – Electrical Power Systems

Program Outcomes (POs):

After Successful completion of the Programme, post graduates of M. Tech in Electrical Power Systems will be able to

- PO1. Acquire in-depth knowledge in Electrical Power Systems with an ability to combine existing and recent practices.
- PO2. Ability to analyze the complex problems for synthesizing information to conduct quality investigation in Electrical Power Systems.
- PO3. Develop skills to envisage and solve problems to obtain optimal solution in power system operation and control to meet the needs of industry and society.
- PO4. Acquire skills in collection and interpretation of literature, identify suitable methodologies, appropriate techniques for research competence in power system engineering.
- PO5. Ability to select and apply appropriate modern tools and techniques to solve complex power engineering problems.
- PO6. Achieve professional excellence and ability to work in groups for collaborative-multidisciplinary research and creative effort to meet common goals.
- PO7. Ability to integrate engineering and management principles for implementation of projects in electrical power systems and allied areas.
- PO8. Communicate effectively in all professional transactions.
- PO9. Engage in life-long learning for knowledge and skill up gradation.
- PO10. Ability to practice engineering in compliance with professional and ethical code.
- PO11. Sustain and enhance an attitude for self-evaluation for personal and professional development.