STRENGTHS, WEAKNESSES, OPPORTUNITIES AND CHALLENGES (SWOC) OF THE DEPARTMENT

SWOC analysis:

Strengths:

- The Department of EEE has well qualified and dedicated faculty.
- All the laboratories are as per the curriculum and are established on par with state of art technology.
- Testing facilities are available to carry out the routine tests for various equipment's is available.
- Excellent central library including separate department library and computing, Internet facilities are available in excess of the norms stipulated.
- Mechanism is available for direct mentoring of students by faculty, interacting with students, and directing them to upgrade their skills.

Weakness:

- Number of volumes and journals in the department library need to be increased.
- The activities through Industry Institution Interaction Cell are to be improved.
- More effort is needed to increase the number of state/central government funded projects to strengthen the department.
- Soft skills and communication skills of students need to be improved.
- Student and staff are to be encouraged for paper presentation at various National/International conferences, workshops and seminars.

Opportunities:

- Increased demand of engineers in power sector.
- Scope for enhanced research work to be carried out in all related field of electrical engineering.
- Possibility of becoming effective and individual entrepreneurs by enjoying the benefits and encouragement given by the management.
- More employment potential in research centers and bodies like CPRI, DRDO etc.,
- Scope for the development of interdisciplinary projects useful for society.

Challenges:

- Global recession may hamper placement opportunities for students. To come out from this challenge the desired course objectives and outcomes are to be achieved satisfactorily.
- To frame and design an effective Curriculum, Teaching learning methodologies that bridges the gap between Industry and Institution.
- Development of advanced teaching & learning methodologies and evolution, personal interaction by developing smart classrooms and mechanism for effective evaluation.