

ABOUT THE COLLEGE

E. G. S. Pillay Engineering College (EGSPEC) is one of the pioneering non-grant engineering colleges in the state. It was established by the G. S. Pillay & Sons Educational and Charitable Trust, Nagapattinam in the year 1995. All courses are affiliated to Anna University, Chennai. Recently, the institution has been accredited by NAAC with 'A' grade and three of the departments namely EEE, CSE and Mechanical Engineering has been accredited by NBA. EGSPEC has been approved as a Research centre by Anna University, Chennai for the department of ECE, EEE, CSE and Mechanical. The institute has been various tie up with leading industries through MOU's. It has good academic and placement records.

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ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering was established in the year 2000 with the intake of 60 students. The department has well qualified and experienced teaching staff with state of the art labs to meet the quality education required for present challenging societal and industrial needs. Recently, the department is accredited by NBA and also approved as one of the Anna University Research Centre. Department is involved in research activities in the areas of Power Electronics, Power systems and Special machines with many International and National publications.

COURSE CONTENTS

- Power Converters and recent topologies
- Research issues in Power Electronics application to Renewable Energy and Utility based systems.
- Novel control strategies for AC-AC power conversion systems.



COURSE OUTCOMES

After completion of the course, the participants are able to

- Understand the various Power electronic converters related to research
- Analyze the recent power converter topologies.
- Design the novel control strategies for power conversion systems based research.
- Apply the concepts of power conversion systems to renewable energy and utility.

WHO CAN ATTEND?

The persons like Academicians, Industrial persons and PG students are eligible to attend the lecture workshop.

RESOURCE PERSONS

Eminent person from premier institutions like NIT, Government engineering colleges and from host institution.

IMPORTANT DATES

Last date for registration: **07.12.16**

Selection of intimation through email: **09.12.16**

