HIGHER TECHNICAL INSTITUTE
ELECTRICAL ENGINEERING DEPARTMENT

POWER ELECTRONICS DISTANCE LEARNING SCHEME

By

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Summary

This project presents a distance learning scheme for a power electronics course which includes many circuits, waveforms and formulas which require a very organized way to be presented. The main reference was my class notes from the Power Electronics course of Higher Technical Institute.

The best medium for distance learning nowadays is the Internet which is spread all over the globe and is easily accessible for most people. For this reason, what is created is Internet oriented.

A web site was created using the easy to use "Microsoft FrontPage 2000", and animated graphs with "Macromedia Flash 5" which aid in the understanding of various topics included. Apart from these programs, "Macromedia Dreamweaver 4" was used due to its special features and "Mathcad 2001 professional" was used for mathematical analysis and graphical presentation.

This web site can also be distributed using a CD without making any changes.

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