

HIGHER TECHNICAL INSTITUTE

**ELECTRICAL ENGINEERING
DEPARTMENT**

DIPLOMA PROJECT

**CREATION OF WEB-PAGE
AND
ELECTRICAL CALCULATION
PROGRAM**

By: Paul Petelis

**ACADEMIC YEAR
2007/2008**

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CONTENTS

	<u>PAGE</u>
Acknowledgment	1
Abstract	
CHAPTER 1: Web page design and Construction	2
1. Introduction	2
2. Joomla web page design software Introduction	2-6
3. Joomla Interface	7-24
4. Template design (Code of Creation Follows)	25-27
5. Photoshop Creations	28-30
6. Introducing Web page and the Contents	31-38
CHAPTER 2: Calculations of IEE Regulations 16 th Edition	39
1. Introduction	39
2. IEE Regulation used for the Calculation Program	39-42
3. Examples of Lighting and Other Calculations for confirmation of the program.	43-53
CHAPTER 3: Creating the Calculation Program	54
1. PHP Language introduction	54-60
2. Construction of Program (Code of Creation Follows)	61-63
Conclusions	64
Appendices	65

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ABSTRACT

The main purpose of this project is to make the job of an electrical designer easier. We all know the time an electrical designer consume on the calculations of every single lighting circuit for live conductor , voltage drop , shock protection , thermal constrains and calculations of conduit diameter

The construction of the Program is based on the tables given to us from the IEE wiring Regulations 16th edition.

The earning of building a program in such environment (web-page) is that as a constructor you don't need to provide anything to the consumer's just by creating an account in the web-page you are going to be able to use the program.

In the future my thoughts are to finish a full Electrical Calculation Program based on the 16th edition Wiring Regulations inside a web page. Making the life of an Electrical Designer better when we speak about Calculations.