SPECTROSCOPY

ATUL SINGH ARORA



Chemistry Lab III

Dr. K. S. Viswanathan and Dr. K. R. Shamasundar Indian Institue of Science Education and Research, Mohali

August-December, 2012

Every honest researcher I know admits he's just a professional amateur. He's doing whatever he's doing for the first time. That makes him an amateur. He has sense enough to know that he's going to have a lot of trouble, so that makes him a professional.

— Charles F. Kettering (1876-1958) (Holder of 186 patents)

ACKNOWLEDGEMENTS

I express my sincere gratitude to our instructors, Dr. K. S. Viswanathan and Dr. K. R. Shamasundar, for bringing the subject to life and helping us discover, in depth, the science behind the procedures.

I also thank Vivek Sagar (MS11017) for his contribution to this report as my lab-partner, who made the task of performing experiments immensely comfortable and productive at the same time.

CONTENTS

Ι	EXPERIMENTS 1
1	INTRODUCTORY SESSION 3
	1.1 Organization 3
	1.2 Style Options 3
	1.3 Issues 3
	1.4 Future Work 4
	1.5 Beyond a Thesis 4
	1.6 License 4
II	THE SHOWCASE 5
ві	BLIOGRAPHY 7

LIST OF FIGURES	
LIST OF TABLES	
LISTINGS	
ACRONYMS	

Part I EXPERIMENTS

INTRODUCTORY SESSION

This bundle for LATEX has two goals:



1.1 ORGANIZATION

A very important factor for successful thesis writing is the

1.2 STYLE OPTIONS

There are a couple of options for classicthesis.sty that allow for a bit of freedom concerning the layout:

Many other customizations in classicthesis-config.tex are possible, but you should be careful making changes there, since some changes could cause errors.

Finally, changes can be made in the file classicthesis.sty, although this is mostly not designed for user customization. The main change that might be made here is the text-block size, for example, to get longer lines of text.

...or your supervisor might use the margins for some comments of her own while reading. Modifications in classicthesis.sty

1.3 ISSUES

This section will list some information about problems using

Compatibility with the glossaries Package

If you want to use the glossaries package, take care of loading it with the following options:

\usepackage[style=long,nolist]{glossaries}

Thanks to Sven Staehs for this information.

Compatibility with the (Spanish) babel Package

Spanish languages need an extra option in order to work with this template:

4 INTRODUCTORY SESSION

Compatibility with the pdfsync Package

Using the pdfsync package leads to linebreaking problems with the graffito command

1.4 FUTURE WORK

So far, this is a quite stable version that served a couple of people

1.5 BEYOND A THESIS

It is easy to use the layout of classicthesis.sty without the

1.6 LICENSE

GNU GENERAL PUBLIC LICENSE: This program is free software;

Part II

THE SHOWCASE

You can put some informational part preamble text here. Illo principalmente su nos. Non message *occidental* angloromanic da. Debitas effortio simplificate sia se, auxiliar summarios da que, se avantiate publicationes via. Pan in terra summarios, capital interlingua se que. Al via multo esser specimen, campo responder que da. Le usate medical addresses pro, europa origine sanctificate nos se.

COLOPHON This document was typeset using the typographical look-and-feel classicthesis developed by André Miede, for LATEX. The style was inspired by Robert Bringhurst's seminal book on typography "The Elements of Typographic Style". The latest version of this document is available online at: https://github.com/toAtulArora/IISER_repo