

GENERAL GUIDELINES ON THESIS FORMAT, APPEARANCE AND ORGANIZATION

1. Format & Appearance

1.1 Language: Thesis may be written in English or Urdu. Abstract must be both in English and Urdu.

1.2 Paper size: Final copy of the Thesis must be printed on International Standard A4 size paper (8.27" x 11.69")

1.3 Paper type: Paper should be white, easy to read and reproduce (atleast 75 g).

1.4 Page spacing: Should be printed on one side of paper (not back to back)

1.5 Line Spacing: The text should be in one-and-a-half (1.5) line spacing in English and single space in Urdu.

1.6 Margins: At least 3.5cm on the binding edge, 1.5cm on the opposite edge and 2cm each at the top and bottom.

1.7 Font size

1.7.1 For main text: 12 (Font size of 10 may be used for references, appendixes, charts, drawing, graphs, captions, footnotes, examples and table).

1.7.2 For Heading: Level 1: **16 bold**, level 2: **14 bold**, level 3: **12 bold**

1.8 Font type: Times New Roman (Jameel Noori Nastaleeq for Urdu)

1.9 Page Numbering:

1.9.1 Page numbers not required on Title page, Approval sheet, Declaration , Acknowledgment and Dedication page.

1.9.2 Preliminary pages (Table of Contents, List of Tables, List of Figures etc) should be numbered in lower case Roman numerals (i, ii, iii, etc.). The first numbered page (i) must be the Table of Contents.

1.9.3 Main body of the thesis must be numbered consecutively in the bottom center of the page, no less than 15 mm from the edge of

the page. This include pages containing illustrations, tables, bibliography, and appendixes

1.10 Submission of finally approved copies :

- **MS/MPhil Thesis:** Three copies are required to be submitted to COE. All the copies must have black hard binding with golden lettering on the front and the spine.
- **PhD Thesis:** Four copies are required to be submitted to COE. All the copies must have maroon hard binding with golden lettering on the front and the spine.

1.11 Length of Thesis: To be decided by the concerned faculty.

2. Organization of thesis

- 2.1 Preliminary Part
- 2.2 Main Text
- 2.3 End Matter

2.1 Preliminary Part pages

- 2.1.1 Title page
- 2.1.2 Approval Sheet
- 2.1.3 Declaration
- 2.1.4 Acceptance Certificate
- 2.1.5 Acknowledgement
- 2.1.6 Dedication Page
- 2.1.7 Contents
- 2.1.8 List of Tables
- 2.1.9 List of Figures/ Illustrations
- 2.1.10 List of Abbreviation
- 2.1.11 Abstract

2.2 Main Text Chapters

- 2.2.1 Introduction
 - 2.2.2 Review of the Literature
 - 2.2.3 Methods /Research Methodology/ Design
 - 2.2.4 Results/ Findings and discussion
 - 2.2.5 Conclusions
- } main text chapters/title may vary as decided by respective faculty

2.3 End Matter

- 2.3.1 Bibliography/References (As per APA 6th edition)
- 2.3.2 Glossary
- 2.3.3 Appendixes

**NUMERICAL TECHNIQUES TO SOLVE BLACK –SCHOLES
EQUATION**



By

Muhammad Ashraf
Reg #. ----

Supervised by
Prof. Dr.Nazir Ahmad

A thesis submitted in partial fulfillment of the requirements for the degree of
Doctor of Philosophy
In
Mathematics
at
Riphah International University,
Islamabad , Pakistan

January, 2015

SAMPLE OF APPROVAL SHEET

RIPHAH INTERNATIONAL UNIVERSITY, ISLAMABAD

APPROVAL SHEET

SUBMISSION OF HIGHER RESEARCH DEGREE THESIS

The following statement is to be signed by the candidates 'supervisor (s), Dean/ HOD and must be received by the COE, prior to the dispatch of the thesis to the approved examiners.

Candidate's Name & Reg#: _____

Programme Title: _____

Faculty/Department: _____

Thesis Title: _____

I hereby certify that the above candidate's work, including the thesis, has been completed to my satisfaction and that the thesis is in a format and of an editorial standard recognized by the faculty/department as appropriate for examination. The Thesis has been checked through Turnitin for plagiarism(test report attached).

Signature (s):

Principal Supervisor: _____

Date: _____

Co-Supervisor –I _____

(if any) _____

Date: _____

The undersigned certify that:

1. The candidate presented at a pre-completion seminar, an overview and synthesis of major findings of the thesis, and that the research is of a standard and extent appropriate for submission as a thesis.
2. I have checked the candidate's thesis and its scope, format, and editorial standards are recognized by the faculty/department as appropriate.
3. The plagiarism check has been performed . Report is attached

Signature (s):

Dean/Head of Faculty/Department: _____

Date: _____

SAMPLE OF DECLARATION SHEET

DECLARATION OF AUTHENTICATION

I certify that the research work presented in this thesis is to the best of my knowledge my own. All sources used and any help received in the preparation of this dissertation have been acknowledged. I hereby declare that I have not submitted this material, either in whole or in part, for any other degree at this or any other institution.

Signature.....

SAMPLE OF ACCEPTANCE CERTIFICATE

ACCEPTANCE CERTIFICATE

NUMERICAL TECHNIQUE TO SOLVE BLACK-SCHOLE EQUATION

By

Muhammad Ashraf Reg#

A thesis submitted in partial fulfillments of the requirements for the degree of

Doctor of Philosophy

In

Mathematics

We accept this thesis as conforming to the required standard

Supervisor : _____(Name & Sig)_____

External Examiner-1 : _____(Name & Sig)_____

External Examiner-2 : _____(Name & Sig)_____

HOD/Incharge : _____(Name & Sig)_____

Dean : _____(Name & Sig)_____

SAMPLE OF DEDICATION PAGE

DEDICATION

This thesis is dedicated to my parents, ----- and ---, great role models and friends, and my brothers, ---- and ---- and the rest of the family, for always believing in me, inspiring me, and encouraging me to reach higher in order to achieve my goals.

SAMPLE of CONTENTS PAGE

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SAMPLE OF ABBREVIATION PAGE

AG	alfalfa hay/grain diet
BH	bromegrass hay diet
CAMP	cyclic adenosine monophosphate
CCK	cholecystokinin else corrected short-circuit current
Cl-	chloride
Co ₂	carbon dioxide
CoA	coenzyme A
DNA	deoxyribonucleic acid
EGF	epidermal growth factor
G	conductance
GIT	gastrointestinal tract
GUD	gastric ulcer disease

Abstract Page

The purpose of the Abstract page is to present the study results briefly (maximum one page) in a way that allows the readers to get a clear idea of the contents and to decide whether to read the entire thesis. Nothing else is written on the Abstract page. It should be written after completion of thesis in both English and Urdu.

Example of an Abstract Page

This dissertation investigates and describes the concept of brand extension strategies within the luxury fashion sector. The study examines the differences between approaches adopted by haute couture and luxury brands, as currently there is little written on the subject. The topic was chosen as the relevance of haute couture to today 's fashion industry is now being questioned. Couture run away shows incur huge losses and due to the reduction in customers, the industry is shrinking . Consequently, it has become a promotional tool for products brought about through brand extension strategies. The haute couture brands are competing to retain market share against their global counterparts- who are expanding into further unrelated areas. This dissertation examines how haute couture brands could compete successfully without losing their exclusive status.

Some useful books on Thesis write-up

- Barrass,R. (1991). *Scientists Must Write: A guide to better writing for scientists, engineers and students*. London, UK: Chapman & Hall.
- Day,R.A.(1998). *How to Write and Publish a Scientific Paper*. Phoenix, AZ, USA: Oryx Press.
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- Schiffrin, D. (1994). *Approaches to discourse*. Oxford: Blackwell.
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