

KONYA FOOD AND AGRICULTURE UNIVERSITY GRADUATE SCHOOL

GRADUATE THESIS AND FINAL PROJECT WRITING GUIDE

KONYA

CONTENT

PREFA	ACE	iv
1.	INTRODUCTION	1
	GENERAL FORMAT AND WRITING PLAN	
	2.1. Quality of the Paper	
	2.2. Page Layout.	
	2.3. Page Numbering	1
	2.4. Writing Language	
	2.5. Quality of the Fonts to be Used	
	2.6. Line Spacing and Margins	
	2.7. Main Section and Subsection Headings	
	2.8. Citing References within the Thesis	
	2.9. Symbols and Abbreviations	
	2.10. Footnotes	
	2.11. Tables and Figures	9
	2.12. Equations	9
3.	OUTER COVER, SUBMISSION, PROOFREADING, AND BINDING	10
	3.1. Outer Cover	10
	3.2. Submission, Proofreading, and Binding	10
4.	THESIS WRITING PLAN	12
5.	ORGANIZATION OF THESIS CONTENT	12
	5.1. Thesis Cover	12
	5.2. Front Blank Page	12
	5.3. Special Pages	12
	5.3.1. Front Cover and Inner Cover Pages	12
	5.3.2. Thesis Approval Page and Affidavit Text	12
	5.3.3. Abstract and Summary	12
	5.3.4. Acknowledgment Page	12
	5.3.5. Table of Contents Page	13
	5.3.6. List of Abbreviations and/or Symbols	13
	5.3.7. List of Figures	13
	5.3.8. List of Tables.	13
	5.4. Thesis Text	13
	5.4.1. Introduction	13
	5.4.2. Intermediate Sections	13
	5.4.3. Conclusions	14
	5.4.4. References	14
	APPENDICES	19

PREFACE

Konya Food and Agriculture University was established in 2013 and accepted its first undergraduate and graduate students in 2016. Since then, the need to update the "Thesis Writing Guide" has emerged, and a new guide has been prepared based on changes recommended by the Graduate School Council.

The new thesis writing guide aims to provide our students with the necessary information and documents for writing graduate theses or final projects for non-thesis programs at the Graduate School of Konya Food and Agriculture University. Undoubtedly, this guide will also need to be updated over time.

I would like to express my gratitude to our Deputy Directors of the Graduate School, Assoc. Prof. Dr. Ezgi AYTAÇ and Lecturer Elif UYSAL, and to Asst. Prof. Deniz SEZLEV BİLECEN, Head of the Department of Biotechnology, for their significant efforts in preparing this guide.

With the hope that our students will use this thesis writing guide, together with their advisors, to produce work that contributes to our university and country, I extend my best wishes for their success and my sincere regards and respect.

Asst. Prof. Yeliz SAYGIN Director of the Graduate School Konya Food and Agriculture University Konya, October 2024

1. INTRODUCTION

This writing guide has been prepared to outline the rules and writing principles to be followed in the preparation of master's and doctoral theses, as well as final projects in non-thesis programs, within the departments affiliated with the Graduate School of Konya Food and Agriculture University (KFAU).

KGTU Graduate School students are expected to apply the rules regarding writing, format and content specified in this guide while preparing their master's and doctoral theses and graduation projects.

2. GENERAL FORMAT AND WRITING PLAN

This section provides information and examples on the principles related to the quality of paper and the fonts to be used in thesis writing, page layout, line spacing, page numbering, section and subsection headings, in-text citations, quotations, intermediate and footnotes, abbreviations, and symbols.

2.1. Quality of Paper

Theses should be printed on A4 size (21 cm \times 29.7 cm) white first-quality paper of at least 75 g/m². Special pages up to the introduction section should be printed single-sided, while pages starting from the introduction should be printed double-sided.

Before the thesis defense, the student may provide the thesis to the jury members in an unbound format or, if requested, send an electronic copy via email to the jury members. However, at the end of the thesis defense, the thesis must be bound and submitted to the institute.

2.2. Page Layout

Each page used in writing should have a 2.5 cm margin from the bottom, top, inner, and outer edges. Additionally, for single-sided pages, a 1.5 cm binding margin should be left on the left side; for double-sided pages, the binding margin should be 1.5 cm on the left for the front side and on the right for the back side.

Since the pages up to the introduction are printed single-sided, the left margin will be a total of $\mathbf{4}$ \mathbf{cm} (2.5 cm + 1.5 cm for the binding margin) until the introduction. Starting from the introduction, the printing will be double-sided, maintaining a total $\mathbf{4cm}$ margin with alternation between left and right sides. This layout process is illustrated in Figure 1.

Since theses will be printed on both sides of the paper starting from the introduction section, in theses written using MS Office® Word, the "mirror margins" option should be selected under the "Page Layout > Page" Setup tabs.

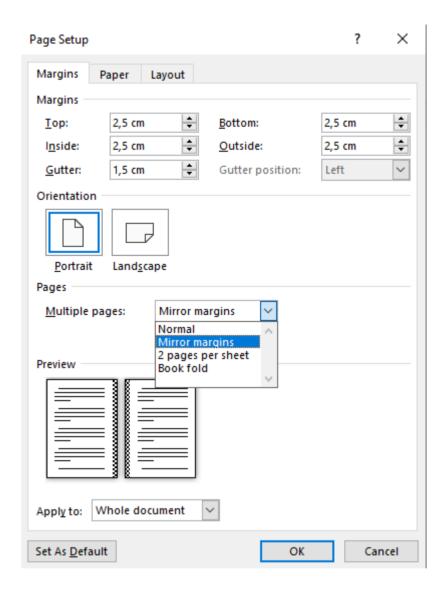


Figure 1. In thesis written using MS Office® Word, selecting mirror margins to adjust the page margins and binding offset ensures both sides of the paper can be bound at the same location.

2.3. Numbering of Pages

Page numbers should be centered at the bottom of the page, outside the main text area. They should be in the same font used in the thesis, set at 12-point size, with a 1 cm space between the text and the page number (see Figure 2). All pages, except for the inner cover, approval page, and appendices, must be numbered. However, page numbers should not appear on the inner cover, thesis acceptance, and approval pages. The first page to display a number should be the summary (or abstract in English theses) page, with the page number in lowercase Roman numerals starting as "iii."

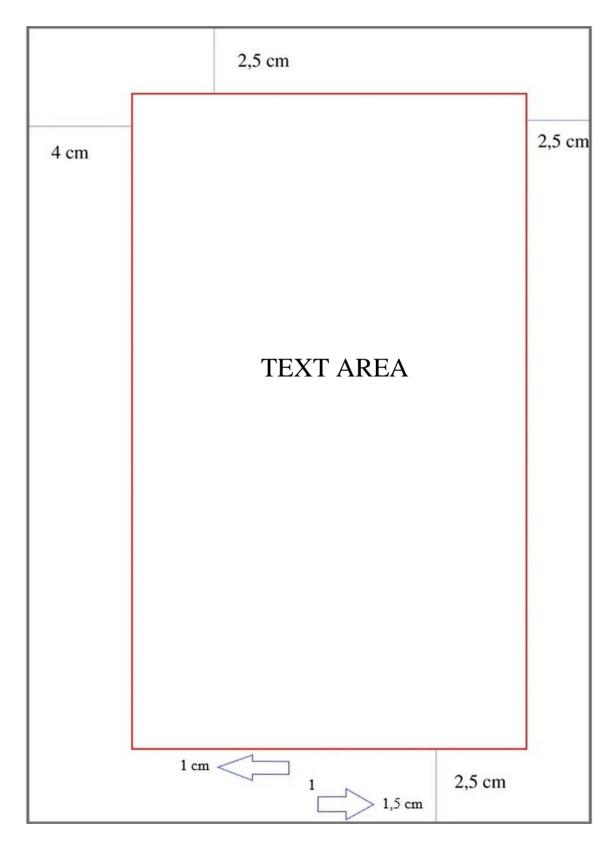


Figure 2. Page margins and page numbering layout

Pages such as the Abstract, Acknowledgments, Dedication, Oath, Table of Contents, List of Figures, List of Tables, and List of Symbols and Abbreviations should be numbered in lowercase

Roman numerals ("iii, iv, v, ..."). The main body of the thesis, starting with the introduction section, should be numbered in numerals ("1, 2, 3, ...").

2.4. Written Language

The language used in writing should be as clear and simple as possible. Proper attention must be given to spelling rules throughout the thesis.

2.5. Font Requirements

In the thesis text, including formulas, equations, table titles, and figure captions, the font should be <u>Times New Roman</u>, with a <u>font size of 12 points</u>. For tables and figures, the font size can be reduced to as small as <u>8 points</u> if necessary. Whenever possible, tables and figures should fit within a single page.

A single character space should be left after each punctuation mark.

The font sizes to be used in the thesis should be selected as follows:

- Thesis title on the inner cover 16-point, bold
- Main section headings 14-point, bold
- Subsection headings 12-point, bold
- Thesis text 12-point, normal
- Tables between 8 (min.) and 12-point(max.), normal
- Quotations and footnotes 10-point, normal
- Captions for figures, images, tables, etc. between 8 (min.) and 12-point (max.), normal

2.6. Line Spacing and Blanks

Different line spacing and spacing should be used in different sections of the thesis to separate elements such as text, figures, tables, and titles and to provide an aesthetic written presentation. The spacing adjustment for the main text is shown in Figure 3.

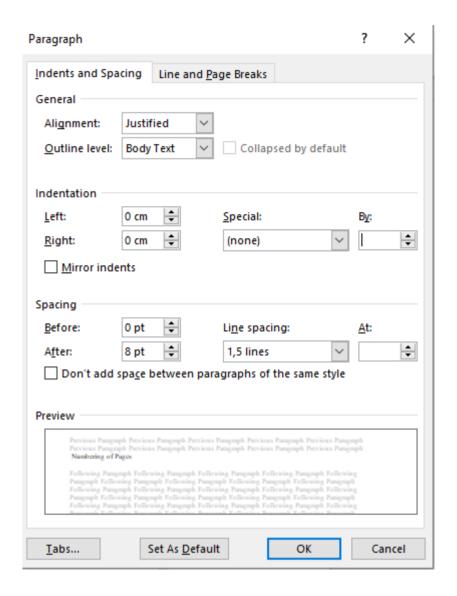


Figure 3. Adjusting the line spacing to be used in the main text of the thesis

The measurements to be applied for various sections of the thesis are given below and shown in Table 1.

- ➤ 1.5 line spacing should be used in the main text of the thesis.
- Instead of starting a paragraph, you should leave a space between paragraphs by pressing "Enter".
- ➤ There should be 1.5 line spacing between section headings, subsection headings, and paragraphs.
- **Single line spacing** should be used in content such as Abstract, Foreword, Table of Contents, List of Tables and Figures, Abbreviations, List of Symbols and References.
- **Single line spacing** should be used in writing the names and explanations of tables and figures, footnotes, equations, appendices, and reference lists.

Table 1. Character sizes, line spacing and spaces in theses

Text Type	Point	Line Spacing	Font
Thesis Name	16	1,5	Bold
Main Section Headings	14	1,5	Bold
Sub-section Headings	12	1,5	Bold
References	12	1	Normal
Text (Main text)	12	1,5	Normal
Text (Footnote)	10	1	Normal
Text (Equality)	10-12	1	Normal

2.7. Main Section and Sub-Section Headings

Unnecessary details should not be entered into when naming the main sections and subsections, a logical connection should be established between them, and attention should be paid to priority in order.

All section headings should be written in bold and left-aligned. If the main section and subsection <u>headings exceed one line, they should start on the second line, equal to the letter alignment on the first line.</u>

First-level section headings should be written in capital letters (e.g. **1. INTRODUCTION**) and always begin on a new page. Second-level section headings should be written with the first letter of each word capitalized and the rest in lowercase (e.g. **2.1. Growth Curves**). Third- and fourth-level section headings are written like second-level section headings (e.g. **3.2.2. Genetic Algorithms**).

In subsection headings, each letter of the conjunctions (and, or, also, with, etc.) should be written in lowercase.

2.8. Citing References in the Thesis

References within the thesis text must be made by stating the author's surname and the publication date of the source. Each source given within the thesis must be included in the **REFERENCES** (**Do not write as "Sources"!)** section of the thesis. The use of references within the text is explained with examples below:

Single author publication:

 According to van Boekel, the linear model is the exception rather than the rule, as demonstrated by 55 published data sets (van Boekel, 2002).

Publication with two authors:

- In sources with two authors, names should be written using the conjunction 'and'.
 - Total phenolic substance and antioxidant activity can be determined in different tea samples by the synchronized fluorescence method (Bilge and Özdemir, 2020).

Publications with more than two authors:

- ➤ If the number of authors is more than two, the surname of the first author is given in the text and the suffix "et al.," is used.
 - Karaca et al. studied the biofilm formation of thermophilic bacilli on different surfaces (Karaca et al., 2019).
- ➤ If publications by the same author/authors from different dates are cited simultaneously, the publications should be listed chronologically from oldest to newest, separated by commas.
 - The survival curves of bacteria inactivated by high-pressure carbon dioxide treatment were described using the Weibull model (Buzrul 2008, 2012).

2.9. Symbols and Abbreviations

In the thesis, symbols and abbreviations should be given in alphabetical order under the heading "Symbols and Abbreviations". An example of creating the relevant page is given in Appendix-6.

Terms consisting of more than one word that are frequently used in the thesis can be abbreviated by using their initials. The abbreviation or symbol used should be explained only once, in parentheses, at the first occurrence.

There is no period at the end of standard abbreviations and unit abbreviations.

In abbreviations made using the initials of more than one word, the abbreviation is made by using the initial letter of each word and without placing a period between the letters (such as TUBITAK, KFAU, NATO, DSI, MTA, UNESCO).

2.10. Footnotes

If written within the thesis text, very short and concise explanations that would distract the subject and prevent continuity in reading can be given as annotations at the bottom of the same page in one or more lines. The purpose of footnotes is to support the content.

- Footnotes should be separated from the main text within the page by a continuous line drawn from left to the center of the page, leaving **a double space** after the main text.
- ➤ Footnotes should be numbered starting from "1" on each page and indicated as superscript above the relevant word.
- ➤ The footnote explanation must appear on **the same page** it references.
- Footnotes should be written in **10-point font with single line spacing**.

Example:

Initial Motion Analysis of Earthquakes Occurring in the North Anatolian Fault Zone 1 Results

In every severe and destructive earthquake that occurred in Northern Anatolia, some of these fault segments were activated, and the blocks on both sides of the fault shifted slightly relative to each other.

2.11. Tables and Figures

Tables and figures should be placed as close as possible to the place where they are first mentioned in the text, if they comply with the page layout principles. Before tables and figures, a reference should be made to the relevant table or figure.

Tables and figures should be numbered sequentially throughout the thesis, starting from 1, as in Table 1, Table 2, ... Figure 1, Figure 2, etc.

The number and description of each figure <u>are written below the figure</u>, and the number and description of each table <u>are written above the table</u>.

Example:

Table 1. Number of Students in High Schools in Konya Province

Figure 3. Caffeine Extraction Yields

¹ By using only the first part of each seismograph record, it can be determined whether the first ground movement at the station at the time of the earthquake was away from the earthquake source (a push) or towards the source (a pull). Thus, using the first part of an earthquake record, the direction of the elastic forces released at the time of the earthquake can be determined.

2.12. Equations

All mathematical expressions in the text are written as (1.1), (1.2), (2.3) according to their section numbers, and if necessary, sub-expressions of the same equation are written as (3.1a) and (3.1b) to the right of the line where the equation is located. Each section is given a sequence number, starting from one (1).

The equations in the appendix are numbered (A.1.1), (A.1.2) indicating the section in which they are given.

Equations are written in the text block by aligning them centered.

Example:

$$\nu = \nu_{max} \frac{[S]}{[S] + K_M} \tag{2.8}$$

3. OUTER COVER, SUBMISSION, PROOFREADING, AND BINDING

3.1. Outer Cover

The outer cover, prepared by the Institute in accordance with the specified standards, must be used.

3.2. Submission, Revision, and Binding

Before the thesis defense examination, the student who has obtained written approval from his/her supervisor confirming the completion of the thesis submits an unbound copy of the thesis, along with a petition to the department chairmanship, to be forwarded to the Institute Directorate for the necessary actions as per the regulations and guidelines. The number of unbound copies should correspond to the number of regular and substitute members of the thesis defense jury. If the thesis defense examination is successfully completed, and if there are any changes deemed necessary by the jury, these revisions will be made under the supervision of the advisor. After the revisions, the student will submit the final version of the thesis, along with a CD containing the thesis in both PDF and Word formats, to the Graduate School Directorate. The number of copies submitted should be one more than the number of regular jury members (or two more if there is a second advisor). The thesis will be stored in the relevant department.

4. THESIS WRITING PLAN

The sequence of the thesis presentation should be as follows:

- Outer cover page*
- Blank page
- Inner cover page
- Approval page (Page with signatures of the supervisor and jury members)
- Abstract page (For English theses, the Abstract should come first)
- Özet page (For English theses, the Özet should come after the Abstract)
- Acknowledgments page
- Dedication (optional, not mandatory)
- Text of Oath
- Table of contents
- List of symbols and abbreviations
- List of figures
- List of tables
- Introduction
- Main Body (Methods, Results, and Discussion)
- Conclusions
- References
- Appendices (if any)

5. ORGANIZATION OF THE THESIS CONTENT

5.1.Thesis Cover

(The cover will be provided by the Graduate School.)

5.2. Preliminary Blank Page

A blank page must be left between the "Cover page" and the regular binding front cover of the thesis. This page should not have a page number.

5.3.Special Pages

- **5.3.1. Front Cover and Internal Cover Pages** (Appendix 1 and Appendix 2)
- **5.3.2. Thesis Approval Page and Oath Text** (Appendix 3 and Appendix 4)

5.3.3. Abstract and Summary

The **Abstract** should clearly and concisely state the purpose, scope, methods used, and the results obtained from the thesis study. Since the abstract page may be published independently, no references to other works should be made on this page, and neither tables nor figures should be included.

The Abstract <u>must not exceed 250 words</u> and should be written using a 1-paragraph format. Both the Özet and Abstract <u>should not exceed one page</u>.

The titles "ÖZET" and "ABSTRACT" should be written in uppercase letters, bolded, and centered at the top of the respective page. The Abstract must appear on a separate page following the Özet.

Keywords, at least three in number, should be provided below the Abstract (Appendix-5).

5.3.4. Acknowledgments Page

Individuals who have contributed directly to the thesis work or its preparation, as well as those who, although not directly involved, have contributed beyond their usual duties, may be thanked under this heading. The title, full name, the institution they are affiliated with (if applicable), and a brief description of their contribution to the work should be provided in parentheses.

The total length of the Acknowledgments page should not exceed one page. The title "ACKNOWLEDGMENTS" should be written in uppercase letters, bolded, and centered at the top of the page (Appendix-6).

5.3.5. Table of Contents

All chapter headings and subheadings, sources, and appendices (if any) in the thesis text must be stated in the Table of Contents.

The Table of Contents should be prepared in accordance with the example given in **Appendix 7**.

5.3.6. List of Abbreviations and/or Symbols

In this section, abbreviations and/or symbols used in the text should be specified. The title "SYMBOLS AND ABBREVIATIONS" should be written in bold capital letters, centered on the first line of the text area. A sample table of contents is provided in **Appendix 8**.

5.3.7. List of Figures

Figures given in the thesis should be given with the corresponding page number (**Appendix 9**).

5.3.8. List of Tables

Tables given in the thesis should be given with the corresponding page number (**Appendix 10**).

5.4. The Text

5.4.1. Introduction

This section, which constitutes the first part of the thesis text, is intended to be a preparation for the information to be presented in the later sections of the thesis.

In the introduction section, the necessary information such as the purpose, scope, and research methods of the study are given in a concise manner. If there are previous studies, they can also be given in this section.

5.4.2. Intermediate Sections

It is the part of the thesis between the "INTRODUCTION" and "CONCLUSION" sections. These sections may have different orders depending on the type of scientific branch that covers the study, the narrative style of the thesis writer and some special measures.

The Main Body sections can be divided into first-, second-, third- and fourth-degree sections and subsections according to the volume, nature, level of detail, materials used, methods, etc. of the study, and appropriate headings and numbering systems are used for each of them.

5.4.3. Results

The general results reached in the study should be written in this section as concisely as possible, but clearly. If it is desired or necessary to discuss these results, this section can also be written under the title "RESULTS and DISCUSSION". In this case, the explanation regarding the discussion should be addressed in a short and easily understandable language.

5.4.4. Conclusion

If there are suggestions that are intended to be conveyed to people who will work on related topics in the future, depending on the main idea of the study, they are written in this section as the main section title "CONCLUSION" or "CONCLUSION and RECOMMENDATIONS".

5.4.5. References

After the Conclusion section, there should be a "References" section in the thesis. Every source referred to in the text should be included in this section. References should be written according to the "APA 7 Reference System".

The size should be <u>12 points and 1 line spacing</u>; the lines following the first line of the source should start with a tab indentation from the left margin.

In thesis cited according to the author's surname, the list of sources is listed alphabetically. If the works of the same author/authors published in different years, the works should be listed in order of year of publication. (earliest first).

The rules to be applied in the list of references are as follows:

➢ Book

Books with a single author:

van Boekel, M.A.J.S. (2009). Kinetic Modeling of Reactions in Foods. Boca
 Raton: Taylor & Francis Group, CRC Press.

Books with multiple authors:

Hosmer, D.W., Lemeshow, S., and Sturdivant, R.X. (2013). *Applied Logistic Regression* (3rd Edition). John Wiley & Sons, Inc.

Chapter in a book

Single author:

 Buzrul, S. (2017). Advances in high hydrostatic pressure to meat and meat processing, In F., Toldrá & L.M.L., Nollet (Eds.). Advanced Technologies For *Meat Processing* (2nd Edition, pp. 227-257.) Taylor & Francis Group, CRC Press.

Multiple authors:

Eseller, K.E., Boyacı, İ.H., Sezer, B., Bilge, G., and Berberoğlu, H. (2020).
 Food science application. In J.P., Singh and S.N., Thakur (Eds.). *Laser-Induced Breakdown Spectroscopy* (pp. 347-368). Elsevier.

> Journal article

Single author:

 Buzrul, S. (2019). High hydrostatic pressure inactivation of microorganisms:
 A probabilistic model for target log-reductions. International Journal of Food Microbiology, 309, 108330.

Two authors:

 Bilge, G., and Özdemir, K.S. (2020). Synchronous fluorescence spectroscopy combined with chemometrics for determination of total phenolic content and antioxidant activity in different tea types. Journal of the Science of Food and Agriculture, 100, 3741-3747.

or

 Bilge, G., ve Özdemir, K.S. (2020). Synchronous fluorescence spectroscopy combined with chemometrics for determination of total phenolic content and antioxidant activity in different tea types. Journal of the Science of Food and Agriculture, 100, 3741-3747.

Three to five authors:

 Leylak, C., Yurdakul, M., and Buzrul, S. (2020). Gıda bilimlerinde Excel kullanımı 1: Doğrusal regresyon. Food and Health, 6, 186-198.

or

 Leylak, C., Yurdakul, M., and Buzrul, S. (2020). Use of Excel in Food Sciences 1: Food and Health, 6, 186-198.

Six or more authors:

Gwak, E., Oh, M-H., Park, B-Y., Lee, H., Lee, S., Ha, J., et al. (2015).
 Probabilistic models to predict *Listeria monocytogenes* growth at low

concentrations of NaNO2 and NaCl in frankfurters. Korean Journal for Food Science of Animal Resources 35, 815–823.

or

Gwak, E., Oh, M-H., Park, B-Y., Lee, H., Lee, S., Ha, J., vd. (2015).
 Probabilistic models to predict *Listeria monocytogenes* growth at low concentrations of NaNO2 and NaCl in frankfurters. Korean Journal for Food Science of Animal Resources 35, 815–823.

> Thesis

Kızıl, S. (2019). Patates görüntüleri kullanarak çoklu dış hastalıkların sınıflandırılması. Yüksek Lisans Tezi, Konya Gıda ve Tarım Üniversitesi, Lisansüstü Eğitim Enstitüsü, Konya, Türkiye.

or

- Kızıl, S. (2019). Classification of multiple skin diseases using potato images.
 Master's Thesis, Konya Food and Agriculture University, Graduate School of Natural and Applied Sciences, Konya, Turkey.
- Esgilli, Ü. (2019). Sürdürülebilir tarımsal üretim teknolojilerinin çiftçiler tarafından benimsenmelerinin sosyo-ekonomik analizi. Yüksek Lisans Tezi, Konya Gıda ve Tarım Üniversitesi, Sosyal Bilimleri Enstitüsü, Konya, Türkiye.

or

 Esgilli, Ü. (2019). Socio-economic analysis of the adoption of sustainable agricultural production technologies by farmers. Master's Thesis, Konya Food and Agriculture University, Institute of Social Sciences, Konya, Turkey.

Conference Paper

- Tanyolaç, B., Kaya, H. B., Soya, S. ve Akkale, C. (2012). Biyoteknoloji ve
 Biyoinformatik. *Moleküler Biyoloji*, (Ocak), 599–655.
- Turan, M. K. ve Elen, A. (2013). Genetik algoritmalar ve çoklu dizi hizalama problemlerinin çözümü, (Ekim).

or

- Tanyolaç, B., Kaya, H. B., Soya, S. ve Akkale, C. (2012). Biotechnology and Bioinformatics. *Molecular Biology*, (January), 599–655.
- Turan, M. K., ve Elen, A. (2013). Genetic algorithms and solutions to multiple sequence alignment problems, (October).

➤ Conference and Symposium Presentation

- Var, H. ve Türkay, B. E. (2014, 27-29 Kasım). Yapay Sinir Ağları Kullanılarak Kısa Dönem Elektrik Yükü Tahmini. Eleco 2014 Elektrik-Elektronik-Bilgisayar ve Biyomedikal Mühendisliği Sempozyumunda sunuldu. Bursa.
- Yıldırım, M., Erkan, K. ve Öztürk, S. (2002, 18-22 Aralık). Benzetilmiş
 Tavlamalı Genetik Algoritmalar ile Uzun Dönem Elektrik Enerjisi Üretim Genişletme Planlaması. Eleco 2002 Elektrik-Elektronik-Bilgisayar ve
 Biyomedikal Mühendisliği Sempozyumunda sunuldu. Bursa.

or

- Var, H., & Türkay, B. E. (2014, November 27-29). Short-term electrical load forecasting using artificial neural networks. Presented at the Eleco 2014 Electrical-Electronics-Computer and Biomedical Engineering Symposium, Bursa.
- Yıldırım, M., Erkan, K., & Öztürk, S. (2002, December 18-22). Long-term electrical energy production expansion planning using simulated annealing genetic algorithms. Presented at the Eleco 2002 Electrical-Electronics-Computer and Biomedical Engineering Symposium, Bursa.

➤ Written Interview

Stern, W.R. 2005. Yazılı görüşme. Batı Avustralya Üniversitesi Tarım
 Enstitüsü Agronomi Bölümü, Nedland, Avustralya.

or

- Stern, W.R. (2005). Written interview. Department of Agronomy, Institute of

Agriculture, University of Western Australia, Nedlands, Australia.

➤ Online Source

Anonim. 2003. Web Sitesi: http://www.novo.dk, Erişim Tarihi: 15.08.2013.

or

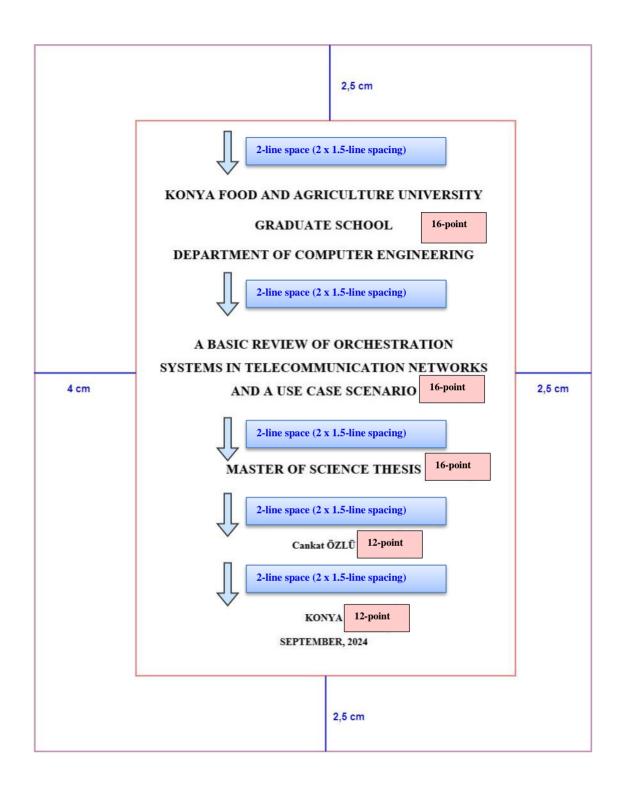
- Anonymous. 2003. Web Site: http://www.novo.dk, Accessed: 15.08.2013.

5.4.6. Appendices

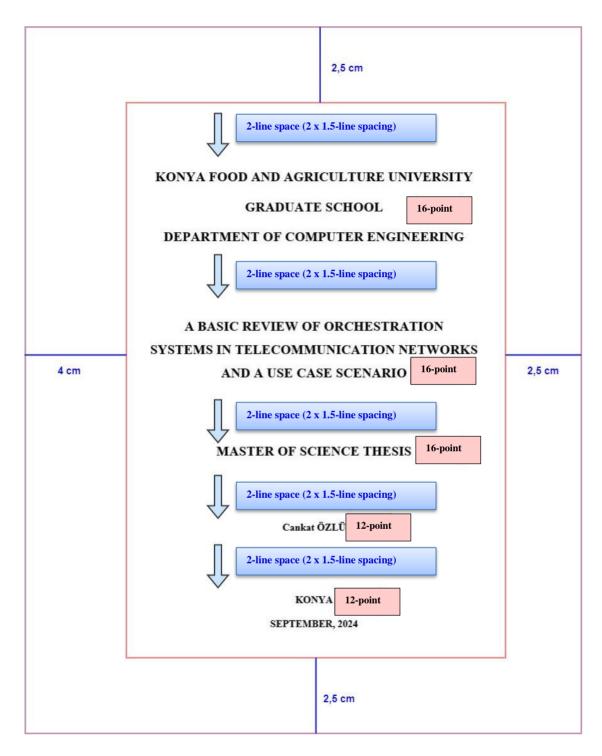
Materials and information such as large and detailed tables, survey forms, documents, and large maps that would negatively affect the appearance and integrity of the thesis or be distracting when included in the text should be given in the APPENDICES section.

If there is an ethics committee approval for the thesis study, a copy of the approval should be provided in the Appendices section. In addition, articles and/or presentations derived from the doctoral thesis should also be provided in this section.

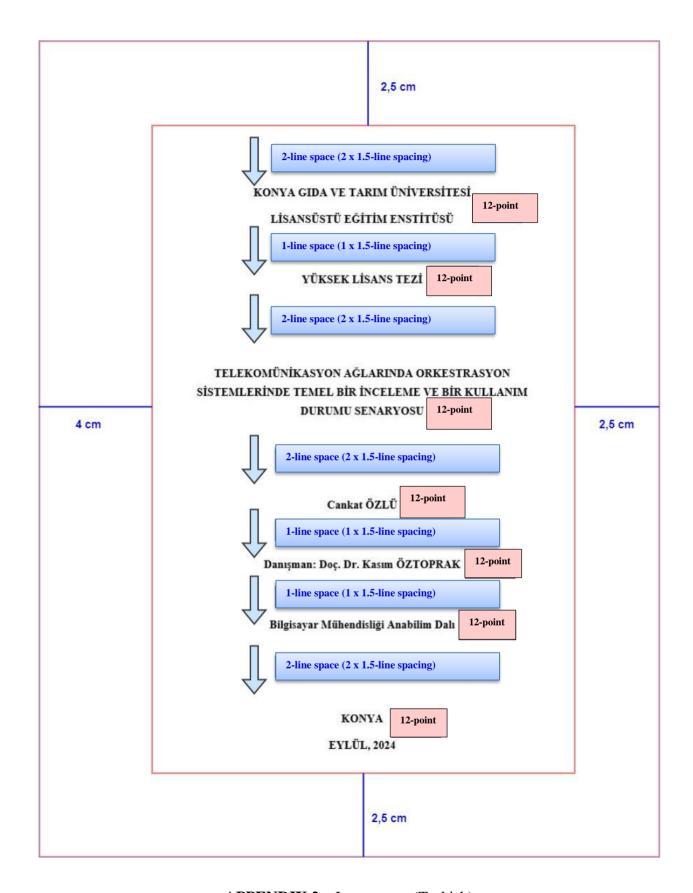
Each appendix to be included in Appendices section must have a title and they must be numbered as **APPENDIX 1, APPENDIX 2, APPENDIX 3**, ... in the order of presentation and each must start on a separate page. **Only the title "APPENDICES" should be included in the Table of Contents, appendices should not be specified separately as APPENDIX 1, APPENDIX 2, APPENDIX 3...** An appendix longer than one page should be given under the title "Continued APPENDIX -" starting from the second page.



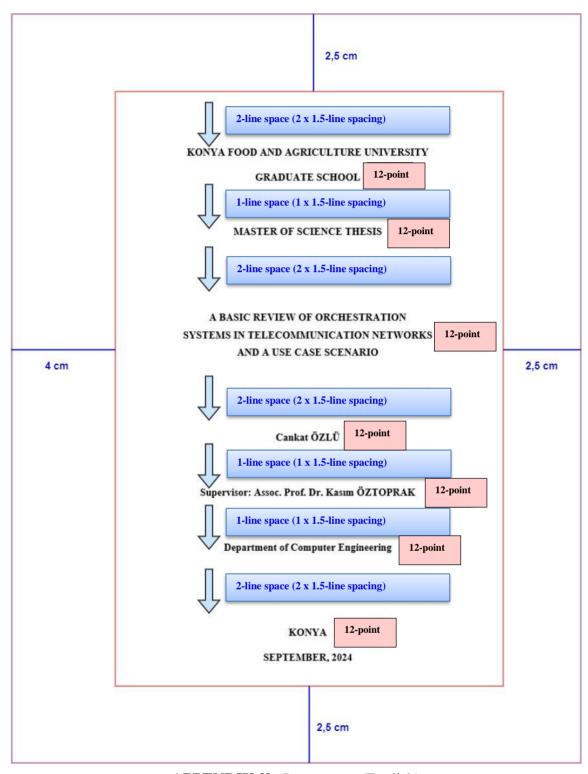
APPENDIX 1a. Front cover (Turkish)



APPENDIX 1b. Front cover (English)



APPENDIX 2a. Inner cover (Turkish)



APPENDIX 2b. Inner cover (English)

çalışma,/	./ taril	arafından nazırlanan "Koyu ninde aşağıdaki jüri tarafından LI'nda YÜKSEK LİSANS/DOK	oy birliği/oy çokluğu ile
		3 or 4-line space	
Danışman	:	Prof. Dr. Adı SOYADI Kurum Adı	
Eş Danışman (Varsa)	:	Prof. Dr. Adı SOYADI Kurum Adı	
Üye	:	Prof. Dr. Adı SOYADI Kurum Adı	
Üye	:	Prof. Dr. Adı SOYADI Kurum Adı	

3 or 4-line space

Jüri tarafından kabul edilen bu tezin Yüksek Lisans/Doktora Tezi olması için gerekli şartları yerine getirdiğini onaylıyorum.

Unvan / Adı SOYADI Anabilim Dalı Başkanı

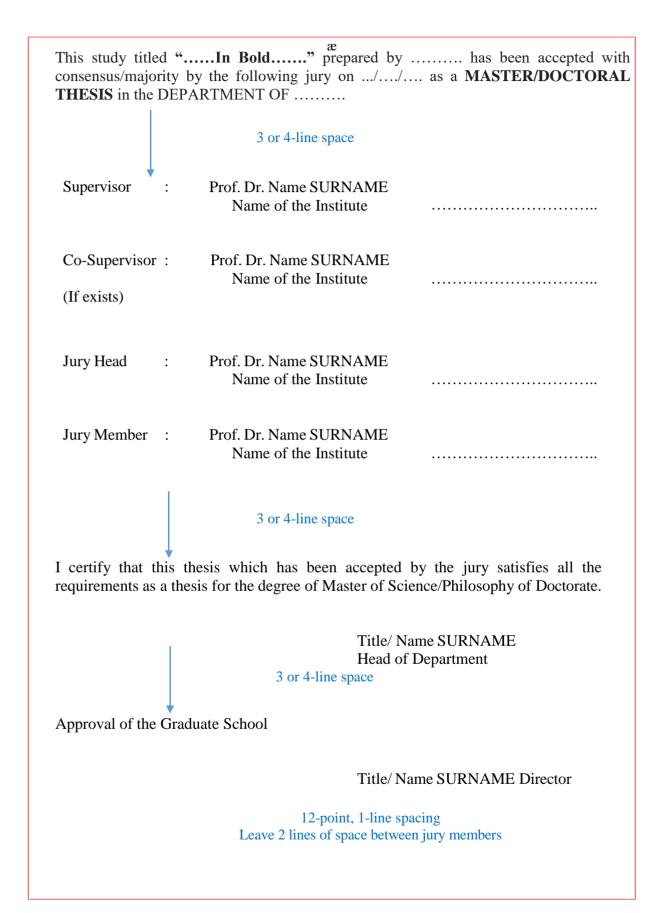
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Lisansüstü Eğitim Enstitüsü Onayı

Unvan/ Adı SOYADI Müdür

12-point, 1-line spacing Leave 2 lines of space between jury members

APPENDIX 3a. Thesis Approval (Turkish)



APPENDIX 3a. Thesis Approval (Turkish)

YEMİN METNİ



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Yüksek Lisans Tezi olarak sunduğum "Pisagor Bulanık TOPSIS ve Bulanık TOPSIS Yöntemleri ile En Uygun Bakım Stratejisinin Seçilmesi: Bir Gıda İşletmesinde Uygulama" adlı çalışmanın tarafımdan bilimsel ahlak ve geleneklere aykırı düşecek bir yardıma başvurmaksızın yazıldığını ve yararlandığım eserlerin bibliyografyada gösterilenlerden oluştuğunu, bunlara atıf yapılarak yararlanılmış olduğunu belirtir ve bunu onurumla doğrularım.

11/12/2019

Tolga GEDİKLİ

İmza

APPENDIX 4a. Text of Oath (Turkish)

TEXT OF OATH



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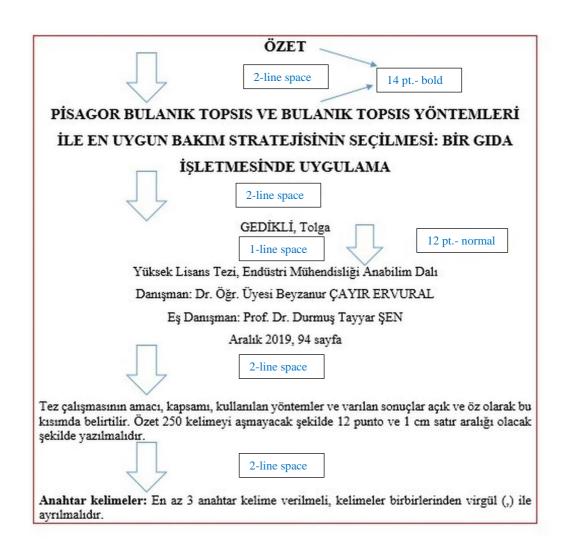
The study I presented as my master of science thesis titled "Selection of Optimum Maintenance Strategies with Pythagorean Fuzzy TOPSIS and Fuzzy TOPSIS Methods: An Application in a Food Company" has been written without applying to any assistance inconsistent with the scientific ethics and traditions, and all sources I have benefited from were listed in bibliography and I have been used them by means of making references and I declare and confirm this with my honor.

11/12/2019

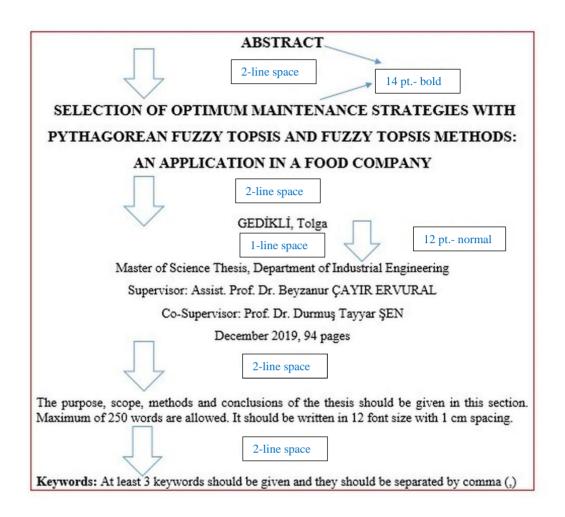
Tolga GEDİKLİ

İmza

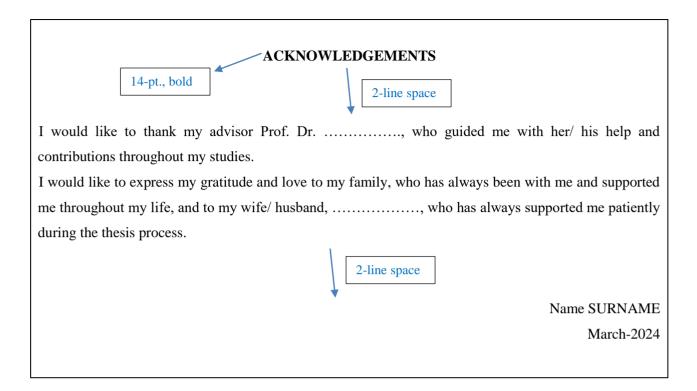
APPENDIX 4b. Text of Oath (English)



APPENDIX 5a. Özet/ Abstract (Turkish)



APPENDIX 5b. Abstract (English)

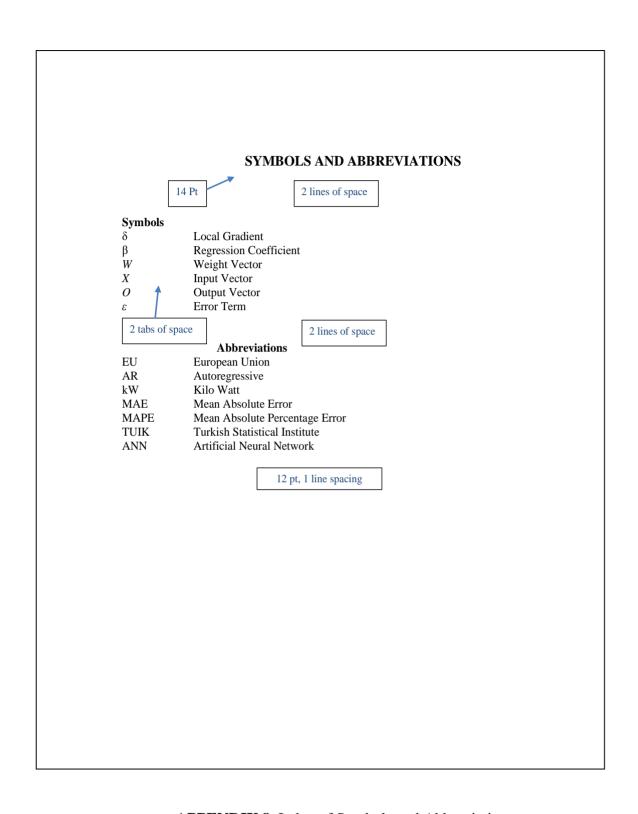


APPENDIX 6. Acknowledgements

TABLE OF CONTENT

Page
ABSTRACTiii
ÖZETiv
ACKNOWLEDGEMENTSv
DEDICATIONvi
OATH TEXTvii
TABLE OF CONTENTviii
INDEX OF FIGURESx
INDEX OF TABLESxi
INDEX OF SYMBOLS AND ABBREVIATIONSxi
1. INTRODUCTION
2. LITERATURE RESEARCH
$2.1.\ Studies\ Conducted\ Using\ the\ Classical\ Multi-Criteria\ Decision\ Method\\ 2$
2.2. Studies Conducted Using the Fuzzy Multi-Criteria Decision Method10
3. MAINTENANCE MANAGEMENT12
3.1. An Overview of Maintenance Management14
3.1.1. Maintenance Management Strategies
3.2. Alternative Maintenance Strategies
4. FUZZY MULTI-CRITEIA DECISION MAKING18
4.1. Fuzzy Sets
5. PRACTISE 23
5.1. Defining the Decision Problem
5.2. Identifying Decision Makers
5.3. Determination of Criteria
6. DISCUSSION AND CONCLUSION53
7. REFERENCES
APPENDICES

APPENDIX 7. Table of Content



APPENDIX 8. Index of Symbols and Abbreviations

INDEX OF FIGURES

Figure 1. AdaptiveNet Architecture in High Level Perspective	34
Figure 2. AdaptiveNet Architecture	
Figure 3. Data Flow Diagram	
Figure 4. LSTM Model Architecture	
Figure 5. DQN Architecture	
Figure 6. Autoencoder for Anomaly Detection	
Figure 7. Intention Translation Process	37
Figure 8. Security Architecture	37
Figure 9. AdaptiveNet Operational Flow Chart	
Figure 10. Simulated Network Topology	

APPENDIX 9. Index of Figures

INDEX OF TABLES		
Table 1. Average Network Usage Comparison	45	
Fable 2. Final Network Capacity Comparison	45	

APPENDIX 10. Index of Tables