

Template for Bachelor's Thesis Abstract and Master's Thesis Abstract

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1. Introduction

This article explains usage of the template for Bachelor's Thesis Abstract at Computer Science Course, College of Engineering, Osaka Prefecture University (also at Department of Computer Science and Intelligent Systems, School of Engineering, Osaka Prefecture University) and Master's Thesis Abstract at Department of Computer Science and Intelligent Systems, Osaka Prefecture University. This article itself is made using the template.

2. Guidelines

2.1. Bachelor's Thesis Abstract

1. Paper Size and Page Limit
In principle, Bachelor's thesis abstract should be one page long. If there is a special reason, it can be extended up to two pages. The abstracts should be printed in both sides of A4 papers in the presentation order in the group.
2. Format
The abstract should be written using designated LaTeX or MS Word template.
3. Group Number and Page Number
In the upper right of the page(s), "(Group number) - (Page number in the group)" should be printed.

2.2. Master's Thesis Abstract

1. Paper Size and Page Limit
Master's thesis abstract should be two pages long. It should be printed on both sides of an A4 paper.
2. Format
The abstract should be written using designated LaTeX or MS Word template.
3. Group Number and Page Number
In the upper right of the pages, "(Group number) - (Page number in the group)" should be printed.

3. LaTeX Template

3.1. Files

- abstract_en.pdf
Sample PDF (English version)
- abstract_en.tex
Sample LaTeX file (English version)
- index_en.bib
Sample BibTeX file (English version)
- abstract.sty
Style for abstracts in Dept. CSIS
- abbrevunsrt.bst
BibTeX style file (English version)
- CSIS.eps
Logo of department as a figure example
- fancyhdr.sty
Style file for extensive control of page headers and footers downloaded from <https://www.ctan.org/pkg/fancyhdr>

Table 1: Table example: Multiplication table.

-	1	2	3	4	5	6	7	8	9
1	1	2	3	4	5	6	7	8	9
2	2	4	6	8	10	12	14	16	18
3	3	6	9	12	15	18	21	24	27
4	4	8	12	16	20	24	28	32	36
5	5	10	15	20	25	30	35	40	45
6	6	12	18	24	30	36	42	48	54
7	7	14	21	28	35	42	49	56	63
8	8	16	24	32	40	48	56	64	72
9	9	18	27	36	45	54	63	72	81



Figure 1: Figure example: Logo.

• titlesec.sty

Style file to select alternative section titles downloaded from <https://www.ctan.org/pkg/titlesec>

3.2. Setup

In the beginning of *abstract.tex*, the following parameters are available. They should be set by yourself.

```
% Language (1 = Japanese, 2 = English)
\setlang{2}
% Bachelor or Master (1 = Bachelor, 2 = Master)
\setborm{2}
% Fiscal year
\setfy{2015}
% Group number
\setgnum{3}
% Presentation order
\setorder{2}
% Increase page number (optional)
%% \pplus{1}
```

The *Presentation order* represents the order of presentation in the group. According to it, the page numbers are automatically calculated based on the assumption that 1 page for each person in the Bachelor's thesis abstract and 2 pages in the Master's thesis abstract. If necessary, the page number can be modified by adding (or reducing) a certain number, which is designated by the following command `\pplus{1}` (for adding 1).

3.3. Figures and Tables

Table 1 and Figure 1 are examples of a table and a figure.

3.4. References

BibTeX is recommended to use with *abbrevunsrt.bst* bundled in the package. It is obtained by disabling sorting in *abbrev.bst*. [1, 2, 3] are examples.

3.5. For Students in Old Curriculum

Students who belong to Department of Computer Science and Intelligent Systems, School of Engineering should use *abstract.sty* instead of *abstract4past.sty*.

4. MS Word Template

MS Word version of the template that provides a similar format to the LaTeX version is available.

4.1. Files

- abstract_en_word.pdf
Sample PDF (English version)
- abstract_en_word.docx
Sample Word file (English version)

4.2. Header Setup

Double-click inside the header area (near the top of the page) to edit the header. Then, edit the following items.

4.2.1. Paper Type

- For Computer Science Course, College of Engineering
Use “Bachelor’s Thesis Abstract at Computer Science Course.”
- For Department of Computer Science and Intelligent Systems
Use “Master’s Thesis Abstract at Department of Computer Science and Intelligent Systems.”
- For Department of Computer Science and Intelligent Systems, School of Engineering (old curriculum)
Use “Bachelor’s Thesis Abstract at Department of Computer Science and Intelligent Systems.”

4.2.2. Fiscal Year and Group Number

Directly edit fiscal year and your group number.

4.2.3. Page Number

Open “Page Number Format” and edit the number of “Start at.”

4.3. Styles

Styles of Normal, Title, Author, Section, SubSection, SubSubSection, References, Table, Verbatim, Enumerate and Itemize are defined. Use them when necessary.

References

- [1] R. Yosano and N. Shimano. *Sakai and Me*. Kansai Publisher, Mar. 2015. In Japanese.
- [2] D. Konamon. Favorite foods in Osaka. In *Proc. of International Conference on Local Cuisine*, pages 1–101, Feb. 2015.
- [3] S. Takano. Basic research on behaviour of stray cats in OPU. Master’s thesis, Dept. of Computer Science and Intelligent Systems, Osaka Prefecture University, Mar. 2013. In Japanese.