Exhibit 1: Front Cover

|  |  |  |  |
| --- | --- | --- | --- |
|   | 1cm2cm1.5cm |  4 cm |  |
| High Efficiency Polymerization of |  | Master’s(Doctoral) Thesis |  |
|  |  | 2.5cmHigh Efficiency Polymerization of Synthetic Fibers |  |
|  |  |  |  |
| 2010 |  | Sung Sil Kim (Name in Korean)Department of Chemical EngineeringPohang University of Science and Technology2010 |  |
|  |  | 6mm |  |
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|  |  |  |  |
|  |  |  |  |
|  | 2.5cm |  |  |
|  | 1.5cm |  |  |
|  |  |  |  |
|  |  |  |  |

\* Paper size: 185mm×255mm

\* Font: Myeongjo, Sinmyeongjo, Batang, or Gulim font for Korean, and Arial,

Times New Roman, or similar font for English

\* Font Size: Title 21pt, Others 16pt

\* Year: Enter the year of graduation

Exhibit 2 : Title Page

|  |
| --- |
| (Title in Korean)High Efficiency Polymerization of Synthetic Fibers |

 \* Font Size: Title 21pt (for both Korean & English)

Exhibit 3: Approval for Submission of Thesis/Dissertation

|  |
| --- |
| High Efficiency Polymerization of Synthetic Fibers by ○  ○  ○ (Name of Student)Department of ○  ○  ○  ○ (○  ○  ○ program)Pohang University of Science and Technology A thesis/dissertation submitted to the faculty of Pohang University of Scienceand Technology in partial fulfillment of the requirements for the degreeof Master of Science [Doctor of Philosophy (Doctoral)] in the Department of○  ○  ○ (○  ○  ○ program) Pohang, Korea○.  ○.    20 ○○Approved by○  ○  ○ (Signature)Academic Advisor |
| \* Font Size: Title 21pt, Others 14pt\* Date: Enter the date signed\* Refer to Exhibit 13 for the department names.  |

Exhibit 4: Certificate of Approval for Final Thesis/Dissertation Defense

|  |
| --- |
| **Thesis Title**  Sung Sil Kim The undersigned have examined this thesis/dissertation and hereby certify that it is worthy of acceptance for a master's/doctoral degree from POSTECH    MM/DD/YYYY Committee Chair  ○  ○  ○   (Seal)Member  ○  ○  ○   (Seal)Member  ○  ○  ○   (Seal)Member  ○  ○  ○   (Seal)Member  ○  ○  ○   (Seal)  |

\* Font Size: Title 21pt, Name 16pt, Others 14pt

\* Three seals required for master's and five seals required for doctoral degree

\* Date: Enter the approval date of the final defense for the submitted thesis/dissertationExhibit 5: Abstract



(Enter 5 spaces at the beginning of the paragraph.)

Abbreviation by Department Dept.Department

Name of Dept. Dept.Department

Doctor

Master

\* Font size: Title 14pt, Others 11pt

\* Written in English, and less than 1,000 words

\* The pages before the main body should be numbered I, II, III, IV, V, etc.

\* Refer to the next page for an example.

Exhibit 6: Example of an Abstract Page

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  MCH      “*Korean Name*” Sung Sil Kim, 20010001  High Efficiency Polymerization of Synthetic Fibers.*Title in Korean*,       Department of Chemistry, 2009, 108P, Advisor: Chul Su Kim       *Text in English*.(if the main content is in English)   **ABSTRACT**

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| \* Your given name should be followed by your family name. |

Exhibit 7: Example of a Table of Contents

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|  Contents 1. I. Introduction ………………………………………………………………….1

  II. Literature survey ……………………………………………………………4       2.1 ……………………………………………………………………………4       2.2 ……………………………………………………………………………5  III. Experimental ……………………………………………………………….6       3.1 ……………………………………………………………………………6       3.2 ……………………………………………………………………………7       3.3 …………………………………………………………………………...11       3.4 ……………………………………………………………………………12       3.5 ……………………………………………………………………………12 |
| \* Make sure to number your contents correctly. \* Font Size: Title 14pt            Others 11pt |

Exhibit 8: Main Body

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  I. Introduction

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 II. Literature survey

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 III. Experimental

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\* Font Size: Title 14pt, others 11pt (footnote: 9~10pt)

\* Margins: Top 20, Bottom 15, Header 15, Footer 15, Left 25, Right 25

\* Page number: Bottom-center of the page, and insert a hyphen (-) on both sides of the number

 \* Line spacing of 170 or more, set width of 100, and letter spacing of 0

Exhibit 9: Summary in Korean

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|  요  약  문

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| \* Font Size: Title 14pt, Others 11pt\* Written in Korean. |

Exhibit 10: References

|  |
| --- |
|    **REFERENCES**   1. Baker, K.P., Dixon, p., Magazine, M/I. and Silver, E.A. “An algorithm for the dynamic lot sizing problem with time varying production capacity constraints.”

   Management Science, Vol.24, No.16, 1978, PP.1710-1720.   2. Bahl, H.C., “Column generation based heuristic algorithm for multi- item scheduling,”   IIE, Vol.15, No2, 1983. Pp.136-141.   3. Bahl, H.C. and Ritzman, L.P. “A cyclic scheduling heuristics for lot sizing with capacity constraints, International Journal of Production Research, Vol.No.2, 1984, pp. 791-800” |
| \* Font Size: Title 14pt, Others 11pt |

Exhibit 11: Acknowledgements

|  |
| --- |
|     Acknowledgements     |

\* Font Size: Title 14pt, Others 11pt

Exhibit 12: Curriculum Vitae

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|    Curriculum Vitae  Name : Education1990~1994  ………………………………………………………………(B.S.)1994~1996  ………………………………………………………………(M.S.)1996~2000  ………………………………………………………………(Ph.D.)  Experience 1996.3~2000 ………………………………………………………….  Affiliation ………………………………………………………………………………………… ………………………………………………………………………………………… |

\* Font Size: Title 14pt, Others 11pt

 \* It is prohibited to disclose information beyond the above categories for protection of personal information.

Exhibit 13: List of Department (Program) Names

|  |  |
| --- | --- |
| * Department of ~ (~program)
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| * Mathematics
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| * Physics
 |  |
| * Chemistry
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| * Life Sciences
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| * Materials Science and Engineering
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| * Mechanical Engineering
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| * Industrial and Management Engineering
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| * Electrical Engineering
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| * Computer Science and Engineering
 |  |
| * Chemical Engineering
 |  |
| * Creative IT Engineering
 |  |
| * Division of Environmental Science and Engineering
 |  |
| * Graduate School of Artificial Intelligence
 |  |
| * Division of ~ (~program)
 |  |
| * Advanced Materials Science
 |  |
| * Integrative Biosciences & Biotechnology
 |  |
| * Advanced Nuclear Engineering
 |  |
| * Social Data Science
 |  |
| * Graduate Institute of Ferrous & Energy Materials Technology
 |  |