

Guidelines for the Ph.D/ M.Tech/ M.Phil Dissertation

REQUIREMENT FOR SUBMITTING SOFT COPY AND HARD COPY OF

THESIS/DISSERTATION SOFT COPY

Soft copy of thesis should have three separate files as given below and submit this CD along with CD Cover:

- 1. ABSTRACT IN –DOC & PDF format**
- 2. TITLE PAGE UPTO CONTENT PAGES (ROMAN PAGES i – x) – DOC & PDF format**
- 3. ALL CHAPTERS – DOC & PDF format**

HARD COPY OF THESIS/DISSERTATION

Hard copy should be properly signed by student himself/herself and Supervisor/Guide also.

SPECIFICATIONS FOR Ph.D. Thesis & M.Tech/M.Phil DISSERTATION

1. The thesis shall be computer typed (English- British, Font -Times Roman, Size-12 point) and printed on A4 size paper.
2. The Ph.D thesis shall be hard bound with cover page in maroon background and golden text color.
3. The M.Tech/M.Phil/M.Sc. shall be hard bound with cover page in light green color.
4. The name of the candidate, degree (specifying the specialization) ,year of submission, name of the University shall be printed in black on the cover [Refer sample sheet (outer cover)]
5. The thesis shall be typed on both sides with 1.5 line spacing with a margin 1.5 inch on the left, 1 inch on the top, and 0.5 inch on the right and at bottom.
6. In the thesis, the title page [Refer sample sheet (inner cover)] should be given first then the Certificate by the candidate and the supervisor(s) in sequence, followed by an abstract of the thesis (not exceeding 1500 words). This should be followed by the acknowledgment, list of figures/list of tables, notations/nomenclature, and then contents with page no.
7. In the body of the text, a reference should be indicated giving author name and year of

publication in parenthesis such as (Singh and Shan, 2002). Please follow AMA format. For detail please visit the website (<https://www.lib.jmu.edu/citation/amaguide.pdf>)

8. The diagrams should be printed on a light/white background, Tabular matter should be clearly arranged. Decimal point may be indicated by full stop(.) The caption for Figure must be given at the BOTTOM of the Fig. and Caption for the Table must be given at the TOP of the Table.
9. The graphs should be combined for the same parameters for proper comparison. Single graph should be avoided as far as possible.
10. Conclusions must not exceed two pages.
11. The thesis must consist of following chapters:

Chapter 1- Introduction

Chapter 2- Literature Review

Chapter 3- Problem Formulation

(It can span in two to three sub chapters depending on the type and volume of the work)

Chapter 4- Methodology

Chapter 5- Result and Discussion

Chapter 6- Conclusions, Limitations and future scope References

List of candidate publication related to Thesis/Dissertation followed by Plagiarism report

(generated from Trunitin) must be attached. The plagiarism percentage should be less than 10%.

Appendix (if any)

Annexures-I,II,III

----Outer cover-----

BIG DATA ANALYTICS FOR THE ONLINE SHOPPING WEBSITES (TIMES NEW ROMAN,22pt.)

THESIS (14pt.)

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF
THE DEGREE OF (12pt.)

DOCTOR OF PHILOSOPHY/ MASTER OF TECHNOLOGY/MASTER OF PHILOSOPHY

IN

Computer Science & Engineering (14pt.)

SUBMITTED BY:

SAKSHAM GUPTA(14pt)

Roll No.:

SUPERVISED BY:

DR. ADITYA(14pt)

PROFESSOR, DEPARTMENT OF CSE



SANT BABA BHAG SINGH UNIVERSITY

Village: Khiala, PO: Padhiana

Distt: Jalandhar

MONTH YEAR

---Inner Cover---

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CANDIDATE'S DECLARATION

I hereby certify that the work which is being presented in the thesis entitled “TITLE OF THE THESIS” by “NAME OF THE STUDENT” in partial fulfillment of requirements for the award of degree of Ph.D/M.Tech/M.Phil. (NAME OF THE DEPARTMENT) submitted to SANT BABA BHAG SINGH UNIVERSITY, DISTT: JALANDHAR is an authentic record of my own work carried out under the supervision of NAME OF SUPERVISOR (S), DESIGNATION, DEPARTMENT. The matter presented in this dissertation has not been submitted by me in any other University / Institute for the award of Ph.D/M.Tech/M.Phil Degree.

Signature of the Student

This is to certify that the above statement made by the candidate is correct to the best of my/our knowledge.

Signature of the SUPERVISOR (S)

The Ph.D/M.Tech/M.Phil Viva–Voce Examination of (NAME OF CANDIDATE) has been held on _____ and accepted

Signature of Supervisor(s)

Signature of External Examiner

Signature of Director R & D

ACKNOWLEDGEMENT

(It is just a format for hierarchy of the acknowledgement and can be extended/ reduced accordingly)

I express my sincere gratitude to the Sant Baba Bhag Singh University, Distt: Jalandhar for giving me the opportunity to work on the thesis during my final year of Ph.D/M.Tech/M.Phil. Thesis/Dissertation work is an important aspect in the field of engineering.

I owe my sincerest gratitude towards Prof.(Dr.) Jatinder Singh Bal ,Vice Chancellor, Sant Baba Bhag Singh University, for valuable advice and healthy criticism throughout my thesis which helped me immensely to complete my work successfully.

I would like to express a deep sense of gratitude and thanks profusely to Dr._____Professor, Department _____, SBBSU, who was the thesis Supervisor. Without the wise counsel and able guidance, it would have been impossible to complete the thesis in this manner.

The constant guidance and encouragement received from (Name of Director or Name of Dean/HoD), has been of great help in carrying our the present work and is acknowledged with reverential thanks.

I would like to thank the members of the Departmental Research Committee for their valuable suggestions and healthy criticism during my presentation of the work. I express gratitude to other faculty members of_____Department, SBBSU, for their intellectual support throughout the course of this work.

(Finally, the authors are indebted to all whosoever have contributed in this thesis work and friendly stay at SBBSU,Distt: Jalandhar)

Name of the

Student Roll No.

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Note 1: The number of Chapters is just indicative. There may be more number of Chapters in the Thesis/ Dissertation but the format of the index has to be followed as given above.

Note 2: Page numbering should be as per the given format i.e. pages from candidates' declaration to list of abbreviations should be in Roman and page numbering of the Chapters should be in decimal numbers. The title pages of the Thesis/Dissertation should NOT be numbered.

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LIST OF ABBREVIATIONS

FFT	Fast Fourier Transform
NN	Neural Networks

List of Tables

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ABSTRACT

The abstract is the précis of the complete work presented in the thesis. It should be concise but at the same time should provide information about the work done and the methodologies used. The same may be written in multiple paragraphs and each paragraph should begin with a “one tab space”. The abstract may be written in the 1.5 spacing paragraph format.

REFERENCES

A few examples of the references that include research articles in journals or in conference proceedings, books, M.Tech./Ph.D. dissertation etc. are given below (It should be in AMA format).

Eg:

- [1] Badri, M.A., Mortagy, A.K. and Alsayed, A., 1998. "A multi-objective model for locating fire stations", European Journal of Operational Research, Vol. 110, No. 2, pp. 243-260.
- [2] Chatani, E., Hayashi, R., Lange, R. and Balny, C., 2002. "Thermal and pressure stability of Phe46 mutants of ribonuclease A", Proceedings of First International Conference on High Pressure Bioscience and Biotechnology, Kyoto, Japan, pp. 27-32.
- [3] Ignizio, J.P., 1968. "A Method to Achieve Optimum Air Defense Sensor Allocation", MS Thesis, University of Alabama, Alabama.
- [4] Ignizio, J.P., 1971. "A Heuristic Solution to Generalized Covering Problems", Ph.D. Dissertation, Virginia Polytechnic Institute, Blacksburg.
- [5] Osyczka, A., 1985. "Multicriteria optimization for engineering design", Design Optimization, Academic Press, Cambridge, pp. 193-227.
- [6] Ignizio, J.P. and Cavalier, T.M., 1994. "Linear Programming", Prentice-Hall, Englewood Cliffs, New Jersey, pp. 457-505.

It is very important that all the references should be cited in the text and those cited in text should be mentioned in the references. Complete information of all the references should be provided, i.e. name of the journal, vol. no, issue no., pp. etc. The same goes for the books as well the details of the publisher should be provided here, however, the pp. in this case is optional. In case of a reference from a conference then the complete title of the conference should be provided together with the venue where it was held.

Appendix A

TITLE OF THE APPENDIX

The appendices are entirely optional except the Publications one. If there are no other appendices, then the Publications will become Appendix A.

Appendix B

TITLE OF THE APPENDIX

The appendices are entirely optional except the Publications one. If there are no other appendices, then the Publications will become Appendix B.

Appendix C

PUBLICATIONS

The list of publications should be given in the same format as those given in the references.