

**Guidelines
for
Preparation
of
Ph.D. Synopsis
in
Science, Engineering and Ayurveda**



शोध-निदेशालय, नेहरु केन्द्र

Directorate of Research, Nehru Kendra

महात्मा ज्योतिबा फुले रुहेलखण्ड विश्वविद्यालय, बरेली

Mahatma Jyotiba Phule Rohilkhand University, Bareilly

Approved by Executive Council & Academic Council

Guidelines for Preparation of PhD Synopsis

The sequence in which the synopsis material should be arranged and bound as follows:

1. Title page (A Sample sheet is enclosed: Annexure I)

Title should be as short as possible and accurate.

2. Table of contents

The contents shall enlist the headings of the section and sub-section using decimal notation, as in the text, with corresponding page number against them, flushed to the right.

3. List of Figures

The list of figures along with their numbers and corresponding page numbers against them shall follow the Table of Contents.

4. List of Tables

The list of Table titles along with their numbers and corresponding page numbers against them shall follow the Table of Contents.

5. Introduction

State brief background and introduce the subject in few pages; it should not be directly lifted from the original source. Make your arguments and adopt an analytical introduction to place the problem under investigation in a perspective.

6. Literature review

About 3 to 5 pages or as may be suitable; it is a survey of literature

- I. National status
- II. International status

on the chosen topic. (Consult the literature articles, books, reports, cases, monographs, data bases, etc.).

7. Objective of your work

To the point, the developments in the area, to emphasize the current status and importance of the research problem identified.

8. Methodology or your work plan

Write your methodology or work plan to accomplish your proposed work.

9. Conclusion including the scope and limitations of your study

A brief report of the work (Highlight major Conclusions / Limitations).

10. References

Candidates shall follow the following style of citation and style of listing consistently throughout (Candidates are suggested to refer most recent bibliography, however, if citations are older than 10 years, then these should be related to fundamental findings in respective field of study and all these must have been referred in the text of the synopsis).

Website

[1] Australian Bureau of Statistics. (2008). Childhood education and care (No. 4402.0). Retrieved from <http://www.abs.gov.au>

Published Thesis

[2] Bozeman, A. Jr. (2007). Age of onset as predictor of cognitive performance in children with seizure disorders (Doctoral dissertation). Retrieved from Proquest Dissertations and Theses. (UMI 3259752)

Unpublished Thesis

[3] Imber, A. (2003). Applicant reactions to graduate recruitment and selection (Unpublished Doctoral dissertation.) Monash University, Melbourne, Australia.

Print book**Single author-**

[4] Ibn Abdulaziz, T. (2004). Classic experiments in psychology. Westport, CT: Greenwood.

More than one author-

[5] Ramsey, J. K., & McGrew, W. C. (2005). Object play in great apes: Studies in nature and captivity. In A. D. Pellegrini & P. K. Smith (Eds.), *The nature of play: Great apes and humans* (pp. 89-112). New York, NY: Guilford Press.

Edited book

[6] Williams, J. M. (Ed.). (2006). *Applied sport psychology: Personal growth to peak performance* (5th ed.). Boston, MA: McGraw-Hill.

Journal Article with One Author

[7] Matney, G. T. (2014). Early mathematics fluency with CCSSM. *Teaching Children Mathematics*, 21(1), 27-35. doi:10.5951/teacchilmath.21.1.0026

Journal Article with Two to seven authors

[8] Hadgkiss, E. J., & Renzaho, A. M. (2014). The physical health status, service utilization and barriers to accessing care for asylum seekers residing in the community: A systematic review of the literature. *Australian Health Review*, 38, 142-159. <http://dx.doi.org/10.1071/AH13113>

Print Newspaper Article

[9] Packham, B. (2010, January 18). Bullies to show concern: Schools to try Euro method that lets thugs off the hook. *Herald Sun*. p. 6.

Online Newspaper Article

[10] Gadher, D. (2007, September 2). Leap in gambling addiction forecast. *The Sunday Times*. Retrieved from <http://www.timesonline.co.uk>.

Online magazine article

[11] Novotney, A. (2010, January). Integrated care is nothing new for these psychologists. *Monitor on Psychology*, 41(1). Retrieved from www.apa.org/monitor

Print magazine article

[12] Wilson, D. S., & Wilson, E. O. (2007, November 3). Survival of selflessness. *New Scientist*, 196(2628), 42-46.

11. List of Publications (related to proposed work, If any)

Candidates may provide their own published research work related to the proposed study.

Page Dimensions and Margin

Paper size: 80 gsm. Standard A4 size (210 mm x 297 mm)

Margins:

For Single side printing

Top edge: 1 inch (25 mm)

Left side: 1 ½ inch (38 mm)

Bottom edge: 1 inch (25 mm)

Right side: 1 inch (25 mm)

For both side printing (use Mirrored Margin)

Top edge: 1 inch (25 mm)

Inside: 1 ½ inch (38 mm)

Outside: 1 inch (25 mm)

Bottom edge: 1 inch (25 mm)

Font size (regular Text): Times New Roman of 12 pts

Spacing: 1.5 line spacing

Sections: 12 pts bold left aligned (Capital Letters)

Subsections: 12 pts bold left aligned (Title case)

Page numbers: Bottom – cantered – 12 pts (1, 2, 3...)

Binding: Soft binding (edge with blue colour strip)

Note: The size of Synopsis should not strictly exceed 30 pages of typed matter from the first page to the last page including tables, figures and the list of publications.

Declaration

(To be attached with the synopsis by the candidate forwarded by their respective supervisor)

1. I understand what plagiarism is and I am aware of the UGC plagiarism policy in this regard.
2. I declare that this synopsis is my own original work. Where other people's work has been used (either from a printed source, Internet, or any other source), this has been properly acknowledged and referenced, and given due credit.
3. This work is not previously produced/submitted for consideration by another candidate for the award of the Ph.D. degree by any other person to any other institution.
4. I declare that the similarity percentage of this synopsis is not more than 20%, in any case of discrepancy the research work may be cancelled at any step.

Name of the Scholar:

Registration/Enrolment:

Signature:

Supervisor

(Signature with stamp)

Institution Name:

Guidelines
for
Writing
Ph.D. Synopsis
In
(Arts, Humanities, Languages, Social Sciences,
Law & Education)



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Guidelines for writing Ph.D. synopsis

Following are the tentative guideline on how to write the Ph.D. synopsis by the prospective research scholars as per the need and requirements of their subject and topic.

Preliminary Section-

I Cover page

The cover page will comprise the title of the study and the scholar's name
(*Annexure I*).

II Table of contents

Will comprise of enumerations of the tables given in the synopsis section wise.

III Table of figures

Will comprise of enumerations of the figures, graphs, and tables given in the synopsis section wise.

Main Body -

Chapter 1 Introduction

Develop brief writing about your study and its variables explaining the need and importance of the study covering the following points.

- *Rationale/ Conceptual Framework/ Brief background of the problem.*
- *Need and Significance of the study-* Mention how your study is important to be conducted. What will be the significance and implications of your study on the local level and global level?
- *Statement of the problem-* State the problem to be undertaken in the statement form.
- *Operational definition of the terms-* Explain the different terms/variables used as terms in the problem/title in the study.
- *Research questions (If) -* write research questions if available on the basis of which the scholar is proposing the research.
- *Objectives of the study-* Enumerate categorically the measurable objectives preferably not more than five of the research to be undertaken.
- *Hypothesis of the study –* Construct hypotheses in accordance with the objectives prepared.
- *Limitations of the study-* Clearly mention the limitations of the study. The various generalizations will be done over the different stakeholders.

Chapter 2 Review of related literature

- *National Reviews*
- *International reviews*
- *Analysis of the review*- a small summary of the reviews done by the scholar for a proposed topic to ascertain the research gaps and the reasons to take up the study.

Chapter 3 Methodology

- *Type of the research*- Write the type of research that you will be using to conduct the study. Mention the reasons to choose this particular type of research method.
- *Population*- Mention the population of the study. Its nature and composition.
- *Sample and Sampling technique*- Explain the sample, its size, and its selection using the appropriate sampling technique.
- *Tools used*- Mention if there are any standard tools that the scholar will be using or if there will be some tools that the scholar will be preparing.
- *Statistics*- enumerate the tentative statistics to be used for the analysis of the data.

Data Collection- Brief description of the tentative data collection procedures/measure may be mentioned in the synopsis.

Discussions- Proposed discussions and interpretations that will come up after the completion of the study may be mentioned by the scholar to support the worth and novelty of the study.

Tentative chapterization in the thesis

The scholars have to tentatively enlist the tentative chapterization of the study.

Bibliography

Write bibliography in APA 6 Style.

(Candidates are suggested to refer most recent bibliography; however, if citations are older than 10 years, then these should be related to fundamental findings in respective field of study and all these must have been referred in the text of the synopsis).

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 - Wilson, D. S., & Wilson, E. O. (2007, November 3). Survival of selflessness. *New Scientist*, 196(2628), 42–46.

Appendices

Scholars may attach some works that have motivated the scholar to take up the study. The scholars may attach their own published research work related to the field they propose to work in to prove their competency to work in the proposed field.

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Name of the Scholar:

Registration/Enrolment:

Signature:

Supervisor

(Signature with stamp)

Institution Name:

TITLE

(Times New Roman, Font Size 18, Centre Alignment, Bold)

Synopsis of the PhD Thesis

(Times New Roman, Font Size 16, Centre Alignment, Bold)



Submitted by

(Times New Roman, Font Size 14, Centre Alignment, Bold)

Name of the PhD Scholar

(Times New Roman, Font Size 16, Centre Alignment, Bold)

Registration Number

Research Scholar

Department of

.....

(Times New Roman, Font Size 14, Centre Alignment, Bold)

Research Supervisor(s)

Name of Supervisor

Name of Co-Supervisor (if any)

Designation

Designation

Departmental address

Departmental address

(Times New Roman, Font Size 16, Centre Alignment, Bold)

MONTH NAME YEAR

(Times New Roman, Font Size 16, Centre Alignment, Bold)