

GUIDELINES FOR WRITING THE SYNOPSIS FOR M. PHIL/PhD

SYNOPSIS

Synopsis in natural sciences is a short description of literature survey with emphasis on areas of researches to be undertaken. The Synopsis writing is imperative and mandatory for researchers seeking for M. Phil and Ph.D program of studies. There is an international standard and indeed format for writing the synopsis which every researcher has to acquaint with the pre-requisites before embarking on a full fledged research topic assigned to him/her.

1. **TOPIC OF M. PHIL AND PH.D**

RESEARCH. INTRODUCTION

The summary/abstract of the synopsis on a chosen research title is the outcome of the areas of researches left unattended. The researcher should identify how unresolved problems of researches can be solved with a rationale. The findings of critical analysis should also be mentioned.

2. **CRITICAL REVIEW**

- 2.1 The researcher/candidate should have relevant research papers from diverse research journals spanning over a period of two decades. Sometimes, the classical research papers (five decades back) can also be used. These research papers can be downloaded from e-research journals available at main library. The e-monographs, e-books and other „commentaries“ pertaining to research topic can also be accessed through main library at the University of Balochistan.
- 2.2 The researcher/candidate should follow a critical approach to analyze from research papers the areas of researches over emphasized and left unattended. The researchers should make own judgments and interpretations with objectivity to specify the areas of researches to be undertaken/studied.
- 2.3 The researchers should follow consistent, critical, analytical logical and pedagogical (learning with philosophy) approaches to produce a crystal clear presentation, of course, with references {Starting with surname and ending with initials, and mentioning the year of publication in the text}. The researcher should come up with research topic for M. Phil/Ph.D which should cover up proposed extensive areas of researches, of course, with the consent of the supervisor.
- 2.4 There is hundred of ways of citing the references in the text and also in the end of the synopsis or research paper. The choice for citing the references for M. Phil/Ph.D thesis is kept open for reasons that publishing research papers in peer reviewed journal is mandatory before submitting the thesis. The M.Phil/ Ph.D thesis is produced by the researcher under the guidance of supervisor and, of course, with his/her consent.
- 2.5 For M. Phil/ Ph.D thesis, literature survey is extended but not for synopsis. The synopsis should reflect only not more than twenty five research papers. The synopsis is oriented & turned to reflecting only the current areas of researches left unattended whereas the thesis would follow a comprehensive approach with emphasis why this research is undertaken and what new findings are made. Suggestions for future work are also an integral part of M.Phil and Ph.D thesis.

The University of Balochistan should encourage research activities by providing funds/finances. The funds for diverse researches in various faculties should be allocated in the budget.

3. **OBJECTIVES OF RESEARCH**

With current literature survey of say twenty five research papers sought for particular research topic, the researcher/candidate has to mention in the synopsis, the areas of researches to be undertaken. Emphasis should be accorded to those areas of researches especially for M. Phil's and PhDs which were not studied & left unattended. The areas of researches to be undertaken should be categorically mentioned by using power point software.

4. **METHODOLOGY: TENTATIVE PLAN OF RESEARCH FOR M.PHIL AND PH.D**

The tentative plan for research is flexible but is undertaken after completing the course work requirements for M. Phil and Ph.D.

The researcher/candidate will have to get advice from the supervisor how the researches will be accomplished. Before embarking on M. Phil or Ph.D research will be undertaken with the consent of the Supervisor. Techniques and the experimental setups for research purpose will be introduced to the candidate. Designing of new experiments will be emphasized to endeavor research areas which were not considered in the past.

5. **PLACE OF WORK AND INFRASTRUCTURE /FACILITIES AVAILABLE**

The main library facilities for e-books, e-journals and –commentaries are available at the University of Balochistan.

The experimental/infrastructures facilities are to be mentioned in the synopsis with the consent of the Supervisor. The Chairman of the Department and the concerned Dean of the respective Faculties should be taken into confidence while deciding about the infrastructure and the research equipments in operation before initiating research for M. Phil and Ph.D.

The supervisor has to make sure that the infrastructure/facilities are available in the department; otherwise the projects have to be won to carry out the research either at the **Universities** or in **R & D Departments** like **HEJ, PEAC, PCSIR, SUPARCO**, etc. The expenses for using the research equipments have to be made available by the University. For sandwich program of studies, the supervisor has to collaborate and cooperate with team of researchers abroad to send candidates for research leading to M. Phil or Ph.D. This also requires winning of sponsorship either from country institutions or the agencies abroad.

6. **REFERENCES/BIBLIOGRAPHY**

The citation of references especially in the synopsis should be followed in alphabetic order . For example.

Ahmed, I, Journals of Chemical Society of Pakistan, Vol. No._____, Issue No_____ pp.156-138(2011).

Idem,

Butt M. Z Ibid, Vol No._____, Issue No_____ pp._____(2012).

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Farhat, M, “Book name”, Edition, Publisher’s Name like Springer Verlag, City Name Country Name Year of Publication.

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Rehman, F et al, International Journal of Physical Sciences, Vol No._____, Issue No_____ pp._____(2009).

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Zahid, M, Z.....