

INTRODUCTION

Virtual University (VU) is the first distance learning university providing the quality of education in a versatile manner. VU is offering a variety of subjects with the latest course contents not only in the video format but also facilitating the learners with the manuals related to these courses all over the world. The study disciplines are designed in way to achieve the practitioners approach in the fields of science and technology. The environment provides the best facilities of communication and access for the students to their supervisors through video conferences and webcam. VU feels an honor to claim the first distance learning university that has started the MS program in computer sciences.

The thesis writing is considered as an art that reflects the research work in an attractive and easy to understanding ways. This manual will focus to the information and instructions that will guide all its readers, specially, to the VU teachers and students to come up with the thesis write up efficiently and finally the presentation and the paper writing. This will provide the ways to write up the thesis in a uniform layout.

The thesis is a document that will be reflecting the knowledge of student to the external environment, ultimately showing the efforts of the institute. No doubt the written words create an impact to the readers. The accuracy and precision in the write up of thesis is always the paradigm for expressing yourself.

VU encourages its students to focus on the fruitful work. The research must be carried out in a way that it should have clear and specific achievement in the relevant area of work. There should not be ambiguity at any stage in any context. All its literature cited or any reference quoted must be in fashion that the one who wants to get help in the future can use it easily. All these are the combined efforts made by the VU supervisory committee and the student him/herself.

In this document the standards are provided for the uniform thesis write up. The students are strictly bound to follow these rules. However the supervisory committee will also make sure that these rules are implemented precisely. VU does not require any deliverable as it is but the student is strictly required to engage his/her supervisor at and every stage.

GENERAL INSTRUCTIONS

Here are some general instructions that must be followed to keep the thesis to the point:

1. Always use the simple and easy language to avoid the grammatical mistakes.
2. Only use the words from your own vocabulary.
3. Be specific to topic.
4. Description must be brief. Sentences must be short.
5. Never create bulk repeating the concepts.
6. Avoid unnecessary explanations to meet the time lines.
7. All the relevant information must be organized in a sequence easy to understand.
8. Express your ideas and findings clearly.
9. Headings and sub headings must in a sequenced hierarchy.
10. Furnish your synopsis with the self explanatory information.
11. These information defining project scope must be clear.
12. Keep a throughout uniform font and style for the heading, subheading and the text.
13. The terms and abbreviations must be elaborated within the same page.
14. Literature review should be expressed in the digested manner.
15. References should be given in complete context.

IMPORTANT ISSUE

In the academic world, plagiarism by students is a very serious academic offense which can result in punishments such as a failing grade on the particular assignment (typically at the high school level), or a failing grade for the course (typically at the college or university level). For cases of repeated plagiarism, or for cases where a student has committed a severe type of plagiarism (e.g. copying an entire article and submitting it as his / her own work), a student may be suspended or expelled, and any academic degrees or awards may be revoked.

For further details please refer to:

<http://beta.hec.gov.pk/InsideHEC/Divisions/QALI/QualityAssurance/QADivision/Pages/Plagiari sm.aspx>

SYNOPSIS ESSENTIALS

Generally the synopsis is basic information of your project work explained within 2 to 3 pages. It is a brief discussion providing the information about your work plan and why you are going for this work. Also some relevant literature cited and the methods used for its implementation are given. There must be some supportive references for the initiation of work. Some of the

guidelines for the above mentioned parts are as follows:

1. Title

The title must be short and to the point thus clearly defining your objective of research work

2. Abstract

The abstract is not more than a single paragraph description of major work plan. It should touch all your work details with a short but comprehensive manner. This will contain description of the information collections and the expected findings and results.

3. Why this project

This will be part that includes the basic line of defense to your work. What is the need of this work? How much work has been done in this field so far? And what are the salient features of this work done that differentiate it from others.

4. Review of Literature

In this the writer has to search for the work done so far under this title. This may be from the books, journals or an internet source. The general recommendation for writing this review is to have thorough study of maximum journals to get the information quickly and briefly.

5. Materials and Methods

Under this heading student is required to write all the tools and techniques used to support his/her research work. Also this will give the information about the analytical and statistical tools to prove your results.

6. References

It is an important section that gives the source of your information. There are many different standards which are there to write the references. Normally the references are arranged in the alphabetic way which contains the author name, journal name, year of publishing and the complete volume of this journal. The sample patterns for the references are given in the manual for thesis.

DEFENDING THE SYNOPSIS

The students are required to start their research work right after the mid exams of third semester. The only students who have achieved the required CGPA are eligible for it. For this the eligible students will send the synopsis after the mid exams as soon as possible. Also the student has to defend his topic before the supervisory committee on video conference as per university rules and regulations.

VIRTUAL UNIVERSITY OF PAKISTAN, LAHORE

DEPARTMENT OF COMPUTER SCIENCE

SIGNATURES

Name of student: -----

Advanced Studies Research Board VU

1. Rector (Chairman)
2. Dean of Faculty
3. Head of Department
4. Professor / Member out of university
5. Scholar nominated by the board
6. Expert from Ministry
7. Director Admin (Secretary)

VIRTUAL UNIVERSITY OF PAKISTAN, LAHORE

DEPARTMENT OF COMPUTER SCIENCE

Synopsis for MS (CS)

Name of student:

VUID:

TITLE: -----

Admission Date: -----

Starting Date: -----

Duration: -----

Supervisory Committee

1. Supervisor
2. Co-Supervisor

Abstract

Need of the Project

Review of Literature

Materials and Methods

Literature Cited
