

Term Paper Instructions

As part of your Advanced Algorithms Analysis and Design course grading, you are required to submit a Term paper during the semester. This exercise is meant to inculcate in you the research temperament and skills by carrying out a deep study of any research topic/area relevant to this course. The students may choose any topic, of his/her interest, relevant to the course. Following are the details of term paper: requirements, phases, presentation, deadlines and marks.

Term Paper Requirements:

Following are the requirements for the term paper:

a) Paper Length

Your paper should not be less than 6 pages and not more than 10 pages.

b) Quality of Writing

The clarity and style of expression, the degree to which your paper obeys the rules to formal academic grammar, punctuation, spelling, formatting details like paragraph indentation and location of page breaks, are part of quality of writing. Write and edit your paper carefully for good organization, clear language with good spelling, punctuation, etc.

c) Format

Your term paper must have these sections: Abstract, Introduction, Related Work, Analysis and Conclusion. You must have to follow IEEE format strictly. The format is available in MS-WORD format ([Click here to download](#)). No term paper will be accepted without mentioned format.

d) References

You must have to study published research papers (minimum 10). The references of published research papers and books are allowed. Any unauthorized materials' references will not be acceptable.

You can access Research Papers on your VULMS account using link [HEC Digital Library], Google Scholar and other online free research paper repositories.

Submission and Deadlines

Students are required to finalize and send term paper topic at the course email address (cs702@vu.edu.pk) by **November 18, 2013**.

Students will be required to submit the term paper in **two phases**:

Phase 1

- During the **first phase**, students are required to submit the initial draft of the paper. This initial draft will be evaluated by the instructor and comments/suggestions will be provided for improvements in it. It is not necessary to submit the complete paper at the end of the first phase; however, in this phase students must submit a draft which has:

- Abstract (not more than 150 words) with at least 3-4 keywords
- Term paper outline in the form of various sections. Each section must contain the summary (may be in bullets form) of the section.

Phase 1 Due Date: **December 16, 2013** (before the mid-term exam).

Phase 2

- During the **second phase**, students are required to refine/enhance the initial draft by following the provided comments/suggestions and submit the final version before the **final exam**.

Phase 2 due date (well before Final examination): The date for the final term paper submission will be announced later.

Term Paper Presentation (Phase 1 only)

Students will be required to give presentation on the first phase of the term paper, after the mid-term examination. The detailed schedule for the presentations will be communicated with the students later. This presentation accounts for **5% marks** of the total course grade.

Marks

The total weightage of the term paper is **15%** and it will be evaluated twice (once for each phase). **The first phase carries 5% marks while the second phase carries 10% marks.** Students must, therefore, put substantial effort during both the phases.

As the term paper carries 15% of the total course grade, therefore it must contain implementation results of the proposed research idea. Similarly, in case of a review paper the “Discussion” section must contain student’s *comments/conclusions* and *future research agenda* regarding the domain being reviewed. **If a student’s term paper gets accepted at any local/international conference, he/she will be awarded 10% extra marks.**

Team

Two students can make a group but in that case their paper must be of high quality justifying the effort put in by two persons.

Warning: Write in your own words, **do not** copy paste. Plagiarism is not acceptable. In case plagiarism is found, you will be awarded zero marks. No excuse will be accepted in this regard. For further understanding about plagiarism, please follow the links:

[Little Book of Plagiarism](#)
[HEC Policy about plagiarism.](#)

For further information and guidelines on writing a research paper, please follow the link:

[Guidelines and Requirements for Writing a Research Paper](#)