

REVIEW PAPER



STRUCTURE

- Abstract
- Detailed Introduction
- Detailed Discussion



INTRODUCTION

- Introduce your topic
 - Provide background information specific to the topic
 - Explain the scope of the discussion, your purpose for writing the review
- Detailed Literature Review
- State your topic's relevance with respect to the existing body of knowledge on the subject
 - Clarify why your review is relevant to the ongoing discussion
- State your thesis
 - Thesis is the main idea that you want to get across
 - A clear statement of what you intend to prove or illustrate by your review



DISCUSSION

- Discussion section is the **body of your paper**
- Contains information that develops and supports your thesis
- Be careful not to leave out your own **analysis of the ideas presented in the literature**
- Synthesize the material from all the works—**what are the connections you see**, or the connections you are trying to illustrate, among your readings
- **Analyze, Synthesize, Interpret.**
- You are required to analyze, synthesize, and interpret the information you read in some meaningful way
- Must explain its relevance and significance to the topic at hand
- Establish a clear thesis from the onset of your writing and examine which pieces of your reading help you in developing and supporting the ideas in your thesis



DISCUSSION ...

- Stay focused.
 - Keep your discussion focused on your topic and more importantly your thesis
- Organize your points
 - Start each paragraph with a topic sentence that relates back to your thesis
 - Use meaningful subheadings that relate to your content to organize your points
- Relate the discussion to your thesis
 - Your thesis should illustrate your objectives in writing the review and your discussion should serve to accomplish your objectives.
 - You might want to revise your thesis instead of reworking the discussion, if necessary



CONCLUSION...

- A good conclusion should illustrate the key connections between your major points and your thesis as well as the key connections between your thesis and the broader discussion—what is the significance of your paper in a larger context? Make some *conclusions*—where have you arrived as a result of writing this paper?
- Be careful not to present any new information in the conclusion section.

Approach

- 1- How many reviews have been conducted on the topic?
- 2- Group papers on the same aspects of the topic
- 3- Choose an aspect which has not been reviewed in detail as yet
- 4- focus your review on that aspect
- 5- create excel sheet as per specified format
- 6- Formulate your thesis at the outset
- 7-Make an outline and then follow the pattern explained in class

Intuitive Algorithm for Review Paper

- 1-Select best latest research papers from your research map.
- 2-create excel analysis sheet as per specified format, having main approach, strengths, weakness, Principal result, Principal conclusion, future direction, your analysis
- 3- Formulate your thesis at the outset, based upon the main message from your analysis sheet
- 4-Make an outline based upon analysis sheet.
- 5-First write the background of your topic and then scope of your review paper
- 6-Include Approach, strengths, weakness, Principal result, Principal conclusion, future direction in the literature review portion of introduction section. This should be be paraphrased concisely with proper references.
- 7-Include the discussion on Approach, strengths, weakness, Principal result, Principal conclusion, future direction which basically should be derived from your own analysis included in the analysis sheet. It should preferably include a comparison table between different approaches toward the end.
- 8-Write conclusion base on guidelines given in slide 6.
9. Edit, edit and edit (English, logic, references etc in line with the pattern given from slide 1 to 6)

What constitute a good review paper?

- 1- Important or new topic
- 2- Clear theme
- 3- Integrates information to produce new insights
- 4- Use a logical structure
- 5- Sufficiently detailed
- 6- Written for broad audience

Please **Note**: This material is taken purely for instructional purposes from various sources including books, papers and internet.