

Report guidelines and ideas

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Important points

- 8 - 12 pages
- Scientific publication like report style (look at journal papers)
- Choose template of your own (ex. Nature, springer,)
- Make sure it contains at least minimum expectations (mentioned in later slide)

Minimum content expectation

- Abstract
- Introduction
- Literature review / background
- Theory of experiments / Methodology
- Results
- Conclusion
- Bibliography

Typical content expectation

- Front matter
- Acknowledgement
- Abstract
- Table of contents
- Nomenclature
- List of tables/figures
- Introduction
- Literature review / background
- Theory of experiments / Methodology
- Results
- Conclusion
- Future works
- Bibliography

Some example templates

IEEE

<https://publishingsupport.iopscience.iop.org/questions/microsoft-word-template-journal-articles/>

AJIR

<https://aijr.org/journal-word-template/>

Springer

<https://www.springer.com/gp/authors-editors/journal-author/word-template-zip-154-kb-/22044>

Nature

<https://www.nature.com/nature/for-authors/formatting-guide>

Some writing tips

Organize your thoughts, ideas, and action in a logical manner.

Provide clear descriptions.

Simplify your word choices | Write concisely | Select the appropriate words.

Optimize paragraph and sentence structure.

Use transitions to control the flow.

Some more writing tips

Improve readability with consistent formatting

Maintain consistent use of labels, abbreviations, and acronyms

Use abbreviations and acronyms to aid the reader

Keep it short

Get the figures / tables right

Good read

https://onlinelibrary.wiley.com/pb-assets/assets/14389312/Scientific_writing_tips_from_BV_oct2010-1510016570000.pdf

Citation

Generally these are the kinds of things to include in your annotation:

1. The qualifications of the author to write about the topic.
2. The purpose of the work.
3. The main points the author makes about the topic.
4. Whether it is useful in the study of the topic.
5. How it compares to other works on the topic.

Bibliography

Follow standard style.

I use MLA/APA from google scholar.