

Research paper Format

What It Covers: This template's structure is based on the tried and trusted best-practice format for academic research papers. Its structure reflects the overall research process, ensuring your paper has a smooth, logical flow from chapter to chapter. Here's what's included:

- **1. The title page page:** The title should be in minimum word and logical sentence. Compose a title that is simple, attractive and accurately reflects the investigation *Phrases to avoid: Investigation, Study, Novel, Facile etc. Avoid Acronyms that are known only to specialized community*
- **2. Abstract (or executive summary):** First couple of sentences should focus on what the study is about. Include major findings in a style that a general readership can read and understand (i.e., avoid detailed experimental procedures and data.) Keep it short and effective. Be creative in generating curiosity.
- **3. Introduction:** Start the section with a general background of the topic. & Add 2-3 paragraphs that discuss previous work. Point out issues that are being addressed in the present work.
- **4. Literature review:** researchers can use reviews from primary and secondary resources and write in APA 7 Style which are related to your title.

- **5. Experimental Section:** Divide this section into Materials & Methods, Characterization, Measurements and Data analysis
- **6. Results and Discussion:** These two sections can be combined or separate:
 - Describe the results in detail and include a healthy, detailed discussion
 - The order of figures should follow the discussion themes and not the sequence they were conducted.
 - Discuss how your data compare or contrast with previous results.
 - Include schemes, photographs to enhance the scope of discussion
- **7. Avoid:** Excessive presentation of data/results without any discussion. Citing every argument with a published work.
- **8. Conclusions:** Include major findings followed by brief discussion on future perspectives and/or application of present work to other disciplines. Important: Do not rewrite the abstract. Statements with "Investigated" or "Studied" are not conclusions!
- **9. Acknowledgments:** Remember to thank the funding agency and Colleagues/scientists/technicians who might have provided assistance.
- **11. References:** Reference style should be written in only APA 7 style. Other styles will not be acceptable. It may be the styles of



Writing Referencing vary for different journals. Authors should use EndNote, into text and RefWorks. Some journals require complete titles of the cited references Please check for the accuracy of all citations.