**QUICK GUIDE TO IEEE REFERENCING**

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In universities, **electrical engineering students** typically use referencing systems based on the **IEEE (Institute of Electrical and Electronics Engineers)** style. The **IEEE referencing style** is the **most common** and **widely accepted** citation format for electrical, electronics, and computer engineering disciplines.

**Key Features of the IEEE Referencing Style:**

* **Numbered citations**: In-text citations are represented by **numbers in square brackets**, e.g., [1], [2].
* **Reference list**: Entries are listed in **numerical order** at the end of the document (not alphabetical).
* **Minimal in-text detail**: IEEE citations focus on clarity and brevity in technical writing.

**Example:**

**In-text**:  
Many techniques have been proposed for power optimization [3].

**Reference list**:  
[3] J. Smith and R. Brown, *Power Optimization in Embedded Systems*, 2nd ed. New York, NY, USA: Springer, 2021.

Here's a **quick example of IEEE referencing**, including how to cite **in-text** and how to format the **reference list**.

**🔹 IEEE In-Text Citation**

Use **numbers in square brackets** for all in-text citations.

**Example:**

Signal processing techniques are essential in modern communication systems [1], [2].

Citations are numbered **in the order they appear** in the text. If you cite the same source again, reuse the **same number**.

A concise list of **common IEEE reference formats** for different types of sources can be found at the following websites:

<https://journals.ieeeauthorcenter.ieee.org/wp-content/uploads/sites/7/IEEE_Reference_Guide.pdf>

[**https://www.scribbr.com/category/ieee/**](https://www.scribbr.com/category/ieee/)

[**https://libraryguides.vu.edu.au/ieeereferencing/referencelist**](https://libraryguides.vu.edu.au/ieeereferencing/referencelist)

[**https://libguides.murdoch.edu.au/IEEE/all**](https://libguides.murdoch.edu.au/IEEE/all)

These are structured according to the IEEE style guide and are ready for you to adapt for your own citations.

**Final Tips for Using IEEE Style**

* Be consistent with punctuation and formatting.
* Use initials for first names (e.g., J. K. Rowling, not Joanne Rowling).
* If there are more than six authors, you may use *et al.* after the first author.
* Double-check abbreviations for journal names (use IEEE-approved abbreviations).

**Tools**

You can use a template in **Word** or **LaTeX** for IEEE referencing, or a toollike **EndNote** or **Zotero** to manage citations.