**Title of the Manuscript - Manuscript Template for ACADEMIL Research Group** [Font 16]

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1 First Author, Department & College
2 Second Author, Department & College
3 Third Author, Department & College

**Abstract**
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This document provides the required format and appearance of a manuscript prepared for submission to the Academil Journal of Research in Advanced Engineering and Technology. The abstract should be a concise summary of the paper, written as a single paragraph with no more than 200 words. It should clearly and succinctly present the objectives of the study, the methodology used, the key findings, and their significance, without introducing the content. The abstract must be self-contained, avoiding any numerical references, as it may be used in indexing databases. A list of up to six keywords should follow the abstract, separated by commas and ending with a period.

**Keywords**: optics, photonics, light, lasers, templates, journals

**1. Introduction**
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The introduction section outlines the background, context, and importance of the research topic. It should provide a clear understanding of the problem being addressed, the objectives of the study, and the significance of the research. The introduction should set the stage for the detailed discussion that follows, helping the reader understand the relevance of the work.

**2. Main Body of the Paper**
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The main body of the paper is organized into numbered sections that present the core content of the research. Each section should be clearly labeled with a descriptive heading and contain information pertinent to the study. These sections typically include the methodology, results, discussion, and any other relevant subsections. When referring to specific sections within the manuscript, use the section number (e.g., "As discussed in Section 2..."). If a term or acronym is used for the first time, it should be fully spelled out followed by the acronym in parentheses, such as charge-coupled device (CCD).

**Tables and Figures**
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Tables and figures are essential components of the manuscript that help illustrate and support the research findings. Each table and figure should be numbered consecutively and include a descriptive caption. For example:

**Table 1: Sample Table Format**



Tables should be clear and easy to read, with all abbreviations and acronyms defined in the table notes or the text.

**Figure 1: Sample Figure**


Figures should be high-quality and relevant to the content, with all labels and legends clearly explained.

**3. Conclusions**
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The conclusion section should summarize the key findings of the research, highlighting the most significant results and their implications. This section should also address any limitations of the study and suggest areas for future research. The conclusions should be concise, avoiding repetition of material already presented in the manuscript.

**Acknowledgment**
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The acknowledgment section allows the authors to recognize any individuals, institutions, or funding sources that contributed to the research but did not meet the criteria for authorship. This section should not be numbered and should be placed before the references.

**References**
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All sources cited in the manuscript should be listed in the references section. References should be formatted according to the Academil Journal of Research in Advanced Engineering and Technology. style guide, with each entry providing sufficient information for the reader to locate the original source. Common formats include journal articles, books, and conference proceedings. For example:

1. Baldonado, M., Chang, C.-C.K., Gravano, L., Paepcke, A.: The Stanford Digital Library Metadata Architecture. Int. J. Digit. Libr. 1 (1997) 108–121
2. Bruce, K.B., Cardelli, L., Pierce, B.C.: Comparing Object Encodings. In: Abadi, M., Ito, T. (eds.): Theoretical Aspects of Computer Software. Lecture Notes in Computer Science, Vol. 1281. Springer-Verlag, Berlin Heidelberg New York (1997) 415–438
3. van Leeuwen, J. (ed.): Computer Science Today. Recent Trends and Developments. Lecture Notes in Computer Science, Vol. 1000. Springer-Verlag, Berlin Heidelberg New York (1995)
4. Michalewicz, Z.: Genetic Algorithms + Data Structures = Evolution Programs. 3rd edn. Springer-Verlag, Berlin Heidelberg New York (1996)

**Biographies** (Optional, Not Mandatory)
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The biography section provides a brief description of each author's background, including their current position, research interests, and any notable achievements. This section is optional and should be concise, typically limited to 5-6 lines per author. For example:

**First Author**:

[Brief description of background, current position, research interests, etc.]

**Second Author**:

[Brief description of background, current position, research interests, etc.]

**Third Author**:

[Brief description of background, current position, research interests, etc.]