

# Document Similarity Analysis Report

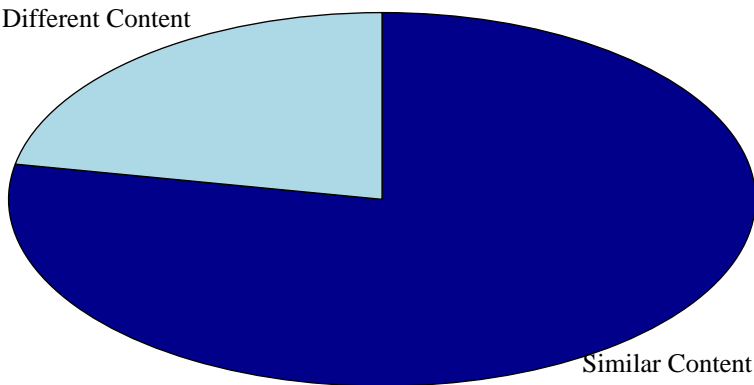
Generated on 2025-03-23 00:09:48

## Executive Summary

Overall Similarity Score: 78.02%

Interpretation: The documents are highly similar, with substantial shared content.

## Similarity Visualization



## Documents Compared

Property	Document 1	Document 2
Filename	EE5351_L2_4433.docx	EE5351_L2_4433.pdf
Word Count	366	497

## Similar Content Analysis

All similar phrases found (5 total):

### Match 1/5 (100.0% similarity)

Document 1: EE5351: CONTROL SYSTEM DESIGN LABORATORY 02 NAME : BANDARA LRTD REG No.

Document 2: EE5351: CONTROL SYSTEM DESIGN LABORATORY 02 NAME : BANDARA LRTD REG No.

### Match 2/5 (81.24% similarity)

Document 1 : EG/ 2021/ 4433 GROUP NO: CE07 DATE : 24/01 /2025 Table 1: Summative Laboratory Form Semester 05 Mo...

Document 2 : EG/ 2021/ 4433 GROUP NO: CE07 DATE : 24/01 /2025 Table 1: Summative Laboratory Form Semester Modul...

### Match 3/5 (79.25% similarity)

Document 1: Back EMF equation: 3.

Document 2: Back EMF equation:  $E_b = \omega \Phi$  3.

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Match 4/5 (78.71% similarity)

Document 1: From that given as:  $\omega > 0.01762$  From that can consider as 1.

Document 2: From that given as:  $\omega < 2 \Phi \sin(\theta) 1 1 \sin(\theta) 2 \Phi > 0.01762$  From that  $\Phi$  can consider as 1.

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Match 5/5 (69.09% similarity)

Document 1: Torque equation:  $T = 4$ .

Document 2: Torque equation:  $T \omega \Phi = \Phi \sin \theta 4$ .

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## Report Details

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**Analysis Method:** This report uses TF-IDF (Term Frequency-Inverse Document Frequency) vectorization and cosine similarity metrics to analyze document similarity. Additionally, sentence-level comparison is performed using sequence matching algorithms.

**Interpretation Guide:**

- 0-20%: Very low similarity
- 21-40%: Low similarity
- 41-60%: Moderate similarity
- 61-80%: High similarity
- 81-100%: Very high similarity

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*Disclaimer: This automated similarity analysis provides an approximation of content similarity. The results should be interpreted by a human reviewer for context-appropriate assessment.*