

# Document Similarity Analysis Report

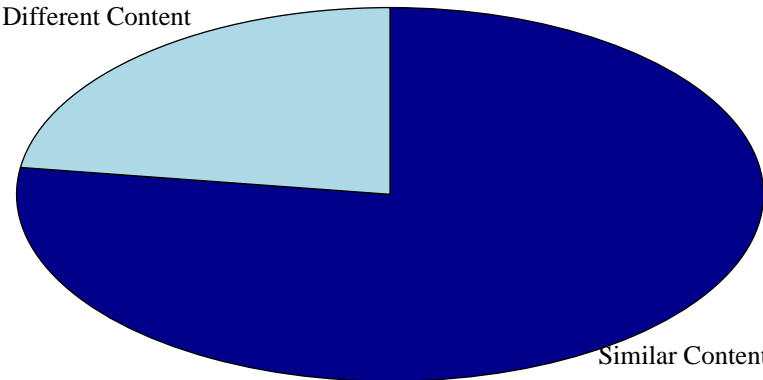
Generated on 2025-03-23 00:10:22

## Executive Summary

Overall Similarity Score: 77.3%

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

## Similarity Visualization



## Documents Compared

Property	Document 1	Document 2
Filename	EE5351_L1_4433_EgKX3g9.docx	EE5351_L1_4433_eQS97Me.pdf
Word Count	598	815

## Similar Content Analysis

All similar phrases found (10 total):

### Match 1/10 (100.0% similarity)

Document 1: EE5351: CONTROL SYSTEM DESIGN LABORATORY 01 NAME : BANDARA LRTD REG No.  
Document 2: EE5351: CONTROL SYSTEM DESIGN LABORATORY 01 NAME : BANDARA LRTD REG No.

### Match 2/10 (100.0% similarity)

Document 1: [2] "Write Gate University," [Online].  
Document 2: [2] "Write Gate University," [Online].

### Match 3/10 (100.0% similarity)

Document 1: Available: <https://cecs.wright.edu/krattan/courses/419/lecture5.pdf>.  
Document 2: Available: <https://cecs.wright.edu/krattan/courses/419/lecture5.pdf>.

**Match 4/10 (85.69% 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 5/10 (79.25% similarity)**

**Document 1:** Back EMF equation: 3.

**Document 2:** Back EMF equation:  $e_b = \omega_m \Phi$  3.

**Match 6/10 (74.83% similarity)**

**Document 1:** Figure 6: Speed Response in the Model Figure 6: Speed Response in the Model Figure 7: Comparing of t...

**Document 2:** According to my knowledge I think the basic thing for happening those kind of the error is negligen...

**Match 7/10 (74.36% similarity)**

**Document 1:** According to the Figure 6 when  $K_p = 1.5$ , Steady state error =  $1 - 1.009 = 0.009$  Figure 11: Speed Respo...

**Document 2:** Figure 10: Speed Response from Simulink when  $K_p = 1.50$  According to the Figure 6 when  $K_p = 1.5$ , Steady...

**Match 8/10 (69.09% similarity)**

**Document 1:** Torque equation: 4.

**Document 2:** Torque equation:  $T = \Phi I_a$  4.

**Match 9/10 (67.77% similarity)**

**Document 1:** Figure 8: The Speed Response when  $K_p = 1$  Figure 8: The Speed Response when  $K_p = 1$  2.

**Document 2:** Figure 8: The Speed Response when  $K_p = 1$  2.

**Match 10/10 (61.79% similarity)**

**Document 1:** Steady State Error:  $1 - 0.938 = 0.062$  3.

**Document 2:** Steady State Error: Overshoot =  $1 - 0.938 = 0.062$  1.335 0.938 0.938 = 42.324% 100% : 0.062 3.

## 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.*