Document Similarity Analysis Report

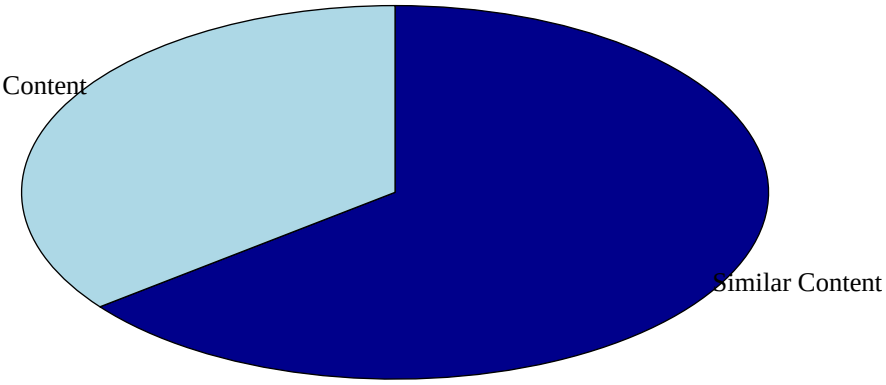
Generated on 2025-03-23 00:10:40

Executive Summary

Overall Similarity Score: 64.5%

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

Similarity Visualization



Documents Compared

Property	Document 1	Document 2
Filename	EE5351_L3_4433.pdf	EE5351_L2_4433.pdf
Word Count	528	497

Similar Content Analysis

All similar phrases found (9 total):

Match 1/9 (100.0% similarity)

Document 1: Voltage equation: ■■ = ■■ ■■ + ■■ ■■■ + ■■ ■■ 2.
Document 2: Voltage equation: ■■ = ■■ ■■ + ■■ ■■■ + ■■ ■■ 2.

Match 2/9 (100.0% similarity)

Document 1: Back EMF equation: ■■ = ■■ ω■ 3.
Document 2: Back EMF equation: ■■ = ■■ ω■ 3.

Match 3/9 (100.0% similarity)

Document 1: Torque equation: ■ω ■■ = ■■ ■ ■■■ 4.
Document 2: Torque equation: ■ω ■■ = ■■ ■ ■■■ 4.

Match 4/9 (100.0% similarity)

Document 1: Motor torque relationship: ■■ = ■■ ■■ ii.

Document 2: Motor torque relationship: ■■ = ■■ ■■ ii.

Match 5/9 (98.59% similarity)

Document 1: EE5351: CONTROL SYSTEM DESIGN LABORATORY 03 NAME : BANDARA LRTD REG No.

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

Match 6/9 (97.37% similarity)

Document 1: By using equations (1), (2), (3), and (4): θ■ (■) ■■ = ■■ (■) ■{■■■ ■[■■ + ■■ ■] + ■■ ■■ } θ■ (■) 0....

Document 2: Transfer function By using equations (1), (2), (3), and (4): θ■ (■) ■■ = ■■ (■) ■{■■■ ■[■■ + ■■ ■] +...

Match 7/9 (84.62% similarity)

Document 1: Figure 1: Simplified t/f Simulink Model iv.

Document 2: H Figure 1: Simplified Simulink iv.

Match 8/9 (79.92% similarity)

Document 1: By considering the closed loop transfer function θ■ (■) θ■ (■) ■■ (■) = θ (■) ■■■■ (■) 1+ ■ ■■ (■) θ...

Document 2: By considering the closed loop transfer function θ■ (■) θ■ (■) ■■ (■) = θ (■) ■■■■ (■) 1+ ■ ■■ (■) (...

Match 9/9 (62.45% similarity)

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

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

Report Details

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

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