

**ANALYZING FACTORS INFLUENCING STUDENTS'  
ACHIEVEMENT IN ENGLISH LANGUAGE LEARNING:  
A FUZZY ANALYTICAL HIERARCHY APPROACH**

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## **ABSTRACT**

One of the most important languages helping people in learning, seeking information, and improving communication skills is English. The word "English achievement" refers to the adulation and celebration of those who have achieved great success using the language. There should be many factors influencing students' achievement in English. Analysing the factors and proposing the related weight become important in order to suggest which factor is important compared to the other. To deal with this issue, a fuzzy multi criteria decision making method can be applied. The Fuzzy Analytic Hierarchy Process (AHP) offers a number of significant advantages when used to determine the factors influencing student's achievement in English Language. One of the key benefits is the ability to handle linguistic subjectivity. Based on the analysis of four factors, the findings shows that the factor of 'Teaching Material' hit the first place in the ranking order, followed by 'Student Motivation', 'Parental Support', and 'Language Exposure'.

Keywords: English Language learning, Fuzzy Analytic Hierarchy Process (AHP), achievement factors, fuzzy numbers, multi-criteria decision-making.

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# TABLE OF CONTENTS

	Page
DECLARATION BY THE SUPERVISOR-----	i
DECLARATION BY THE CANDIDATE-----	ii
ABSTRACT -----	iii
ACKNOWLEDGEMENT -----	iv
TABLE OF CONTENTS -----	v
LIST OF TABLES -----	viii
LIST OF FIGURES -----	x
INTRODUCTION OF RESEARCH -----	1
1.1 Introduction -----	1
1.2 Background of Study -----	1
1.3 Problem Statement -----	4
1.4 Objectives -----	4
1.5 Significance of the Project -----	5
1.6 Scope of the Project -----	6
1.7 Project Benefits -----	6
1.8 Definition of Terms and Concept -----	7
1.9 Organization of Report -----	8
LITERATURE REVIEW -----	10
2.2 Introduction -----	10
2.2 Literature Review -----	10

2.3	Conclusion	-----	12
METHODOLOGY-----			13
3.1	Introduction	-----	13
3.2	Research Step	-----	13
	Step 1: Identify the main factor and sub-factor for evaluation.	-----	15
	Step 2: Design the questionnaire and formed a group of decision makers.	-----	15
	Step 3: Calculate the Fuzzy pairwise comparison matrix.	-----	16
	Step 4: Compute consistency test defuzzification of weight and normalization--	-----	18
	Step 5: Ranking the factor.	-----	20
3.3	Conclusion	-----	20
IMPLEMENTATION -----			21
4.1	Introduction	-----	21
4.2	Implementation of Methods	-----	21
4.2.1	Normalization of pairwise comparison matrix	-----	23
4.2.2	Criteria Weight	-----	25
4.2.3	Consistency Calculation	-----	26
4.2.4	Lambda, CI and CR	-----	29
4.2.5	Aggregated Fuzzy Number for Factor	-----	30
4.2.6	Fuzzy Geometric Mean Values, $ri$	-----	30
4.2.7	Fuzzy Weights, $Wi$	-----	31
4.2.8	Defuzzification	-----	32
4.2.9	Sub-Factor	-----	33