

# EXPLORING THE USE OF AI STR OVERCOME LEARNING BARRIERS

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THESIS SEMINAR (AAE 715)

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**Research Question** – Comparative Question

*How can AI speech to text software assist ESL students to overcome learning barriers and enhance the learning environment/ capacity?*

# Theoretical frameworks

*TFW:*

**Artificial Intelligence (AI)**

**-Speech and Text Recognition (S&TR)**

**-The language barrier and Multilingual in class room**

**-Natural Language Processing (NLP)**

**-Role and system of writing centers in higher education**

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STEPHEN KRASHEN 1941

Linguistics  
Professor



Renowned  
Authors

**“GOOD METHODS ARE BASED  
ON INTERESTING STORIES  
WHERE YOU GET SO  
INTERESTED IN THE STORY YOU  
FORGET IT’S IN ANOTHER  
LANGUAGE”**

**Stephen Krashen**

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••• Mehtab Ali

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**GROUP 1 SUPPORT AND WORK ON SPEECH TO TEXT RECOGNITION**