# CSE431 : Natural Language Processing

"Machine Translation of Natural Languages"
A research paper summary by
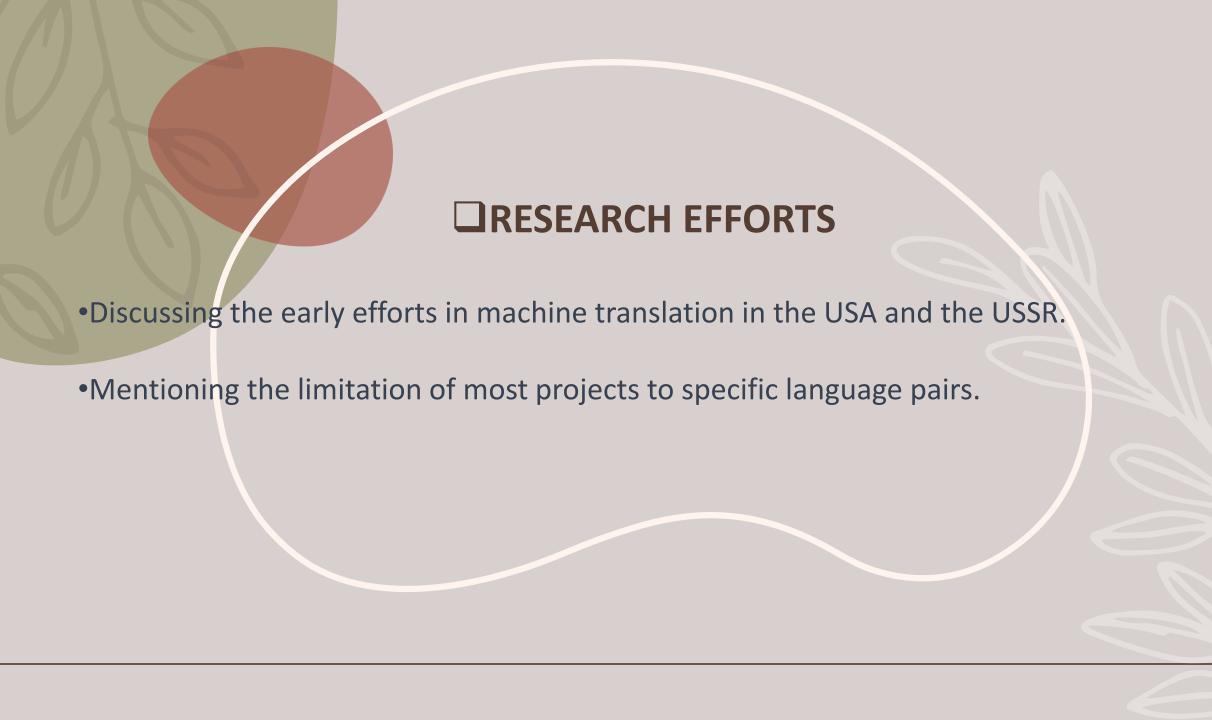Name: Md. Tanzil Hossain
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# introduction

❖ The concept of machine translation.

❖ The historical context of its development in the late 1940s.

❖ The paper's focus on Russian to English translation.

## ❖ Importance of Machine Translation

Discuss the significance of machine translation for international information exchange.

Mention the economic advantages and potential for enhancing progress.

# ❏RESEARCH EFFORTS

- Discussing the early efforts in machine translation in the USA and the USSR.

- Mentioning the limitation of most projects to specific language pairs.

# Machine Dictionary and Challenges

➢ Title: "Machine Dictionary and Challenges"

➢ Explain the role of a machine dictionary in translation.

➢ Highlight the challenge of dealing with words that have multiple meanings.

# Evaluation Experiment and Discussion

- Describe the evaluation experiment conducted by the National Physical Laboratory.
- Summarize the key points discussed in the paper's discussion section.

# Future Prospects

- Discuss the potential future of machine translation.

- Mention the need for technical effort and the possibility of increasing the volume of translated material.

*Thank you*