**AUTOMATIC VIDEO SUMMARY AND TRANSLATION**

*Manvi Arora, Yash Tahilramani*

The **P. P Savani University**

## **1. ABSTRACT**

exponential rise of internet video material has increased the need for effective techniques for summarizing and translating videos into different languages. Technologies for automatic video summaries and translation have become essential responses to this need, improving accessibility, engagement, and cross-cultural communication. The topic of automatic video summary and translation has seen significant advancements recently, and this research article provides a thorough analysis of those methodologies and techniques.

The issues of video summarizing, such as information extraction, content selection, and coherence preservation, are covered in the first section of the work. We thoroughly investigate a number of methods, including deep learning-based models, scene segmentation, and keyframe extraction. The report also examines developments in multilingual dubbing, voiceover, and subtitling for video content, as well as breakthroughs in neural machine translation.

*Index Terms –*