

# Video Transcript Summarization in Marathi

Shivani Patil<sup>1</sup>, Swati Yadav<sup>2</sup>, Shreya Shinde<sup>3</sup>, Darshani Waghmare<sup>4</sup>, Rutuja Patil<sup>5</sup>, Prof. S. A. Babar<sup>6</sup>

Students, Department of Computer Science & Engineering<sup>1,2,3,4,5</sup>

Assistant Professor, Department of Computer Science & Engineering<sup>6</sup>

Sanjeevan Engineering and Technology Institute Panhala, Maharashtra, India

**Abstract:** *This paper's purpose is a summarization of the video in Regional Languages. During the procedure, we used methodology NLP, LSA, and MoviePy. This paper aims to produce a Short video of long video without missing any point. The technique first short video of any downloaded video. A web application that takes an input of the video and accuracy of the video, then we get this summaries video into text and this text converted into any Regional language. This paper is going to represent an Extraordinary NLP application. This application benefits Students, and teachers by saving time.*

**Keywords:** LSA, POS Tagging, Text Recognition, Frame Generation, Tokenization

## REFERENCES

- [1]. Automated Video Summarization Using Speech Transcripts Cuneyt M. Taskiran, Arnon Amir, Dulce Ponceleon, and Edward J. Delp
- [2]. M. G. Christel, M. A. Smith, R. Taylor, and D. B. Winker, "Evolving video skims into useful multimedia abstractions," Proceedings of the ACM Computer-Human Interface Conference (CHI'98), April 18-23 1998, Los Angeles, CA, pp. 171-178
- [3]. S. Srinivasan, D. Ponceleon, A. Amir, B. Blanchard, and D. Petkovic, "Engineering the web for multimedia," Proceeding of the Web Engineering Workshop (WEBE), WWW-9, May 15-19 2000, Amsterdam, Netherlands.
- [4]. S. Archana AB, Sunitha. C, "An Overview on Document Summarization Techniques" ,International Journal on Advanced Computer Theory and Engineering (IJACTE) ,ISSN (Print) : 2319 "U 2526, Volume-1, Issue-2, 2013 .
- [5]. Rafael Ferreira ,Luciano de Souza Cabral ,Rafael DueireLins ,Gabriel Pereira e Silva ,Fred Freitas ,George D.C. Cavalcanti ,Luciano Favaro , "Assessing sentence scoring techniques for extractive text summarization ",Expert Systems with Applications 40 (2013) 5755-5764 ,2013 Elsevier .
- [6]. L. Suanmali , N. Salim and M.S. Binwahlan,"Fuzzy Logic Based Method for Improving Text Summarization" , International Journal of Computer Science and Information Security, 2009, Vol. 2, No. 1,pp. 4-10.
- [7]. Mrs.A.R.Kulkarni , Dr.Mrs.S.S.Apte "A DOMAIN-SPECIFIC AUTOMATIC TEXT SUMMARIZATION USING FUZZY LOGIC ",International Journal of Computer Engineering and Technology (IJCET), ISSN 0976- 6367(Print), ISSN 0976 - 6375(Online) Volume 4, Issue 4, July-August (2013).
- [8]. "An improvised Morphological Analyzer for Tamil:A case of implementing the open source platformApertium". Parameswari K. Unpublished M.Phil. Thesis. Hyderabad:University of Hyderabad. 2009.
- [9]. " Design and Implementation of a Morphology-based Spellchecker forMarathi, an Indian Language". Dixit, Veena, Satish Dethe, and Rushikesh K. Joshi. 2006.
- [10]. Jiri Fajtl, Hajar Sadeghi Sokeh, Vasileios Argyriou ,Dorothy Monekosso , and Paolo Remagnino: Summarizing Videos with Attention In: Proceedings of the ICLR. Vol. 5m (2019).