# Vignan's Institute of Information Technology (A) :: Visakhapatnam

## Department of Computer Science and Engineering

Title of the Project      : **AI -YOUTUBE VEDIO SUMMARIZER**

Batch No                  : 8

Name   of the Course      : B.Tech (CSE)      Section: B

Academic Year             : 2023-2024

Guide Name                : Mr.G.Pandit Samuel

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## ABSTRACT:

**AI -YOUTUBE VEDIO SUMMARIZER**

In today's digital age, YouTube has become a primary source of information and entertainment. However, the vast amount of content available poses a significant challenge for users who are short on time or prefer concise information. Traditional methods of summarizing videos require manual effort and time, discouraging users from accessing valuable content. To address this issue, we propose an innovative solution: an AI-powered YouTube video summarizer using API's and a Chrome extension.

The problem lies in the inefficiency of current methods to quickly extract key insights from lengthy YouTube videos. Users often find themselves overwhelmed by the time-consuming task of watching entire videos to grasp essential information. Our solution leverages YouTube API for seamless video data retrieval and integrates natural language processing techniques for automated summarization. By condensing videos into concise summaries, users can efficiently access relevant information without investing excessive time.

The Chrome extension further enhances accessibility by allowing users to summarize videos directly within their browser interface.  With our YouTube video summarizer, users can save time, increase productivity, and make informed decisions without sacrificing the depth of content understanding.

**Keywords:**

1. Chrome Extension
2. Web Development
3. AI - Vedio Summarizer( API)S
4. AI -Questions generator( API)
5. PDF GENERATOR

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