

Department of Master of Science (Information Technology)

Title: Idea Unfolded - Poster Presentation
Time: 9:00 am onwards

Date of Event: 2/3/2024
Venue: C-wing 501

On March 2nd, 2024, from 9-11 am, MSc students presented an unfolded poster exhibition focusing on project details. The presentation showcased the in-depth analysis, methodologies, and outcomes of various research projects undertaken by the students. Attendees gained insights into the innovative approaches and findings of the projects, fostering intellectual exchange and collaboration within the academic community.



Malad Kandivli Education Society's
NAGINDAS KHANDWALA COLLEGE
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DEPARTMENT OF MSC (INFORMATION TECHNOLOGY)
PRESENTS
IDEA UNFOLDED
POSTER PRESENTATION

02th March | 9 am to 11 am | C-Wing (501)

The poster features a central illustration of a student sitting on a large smartphone, surrounded by educational icons like a laptop, books, and a pencil. The background is dark with a subtle grid pattern.



 **GPS Map Camera**



Mumbai, Maharashtra, India

MKES Law College, S V Road, 5RVX+557, N K College Campus, Malad (W), Kandivali, Daruwala Compound, Malad West, Mumbai, Maharashtra 400064, India

Lat 19.192993°

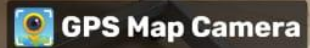
Long 72.84801°

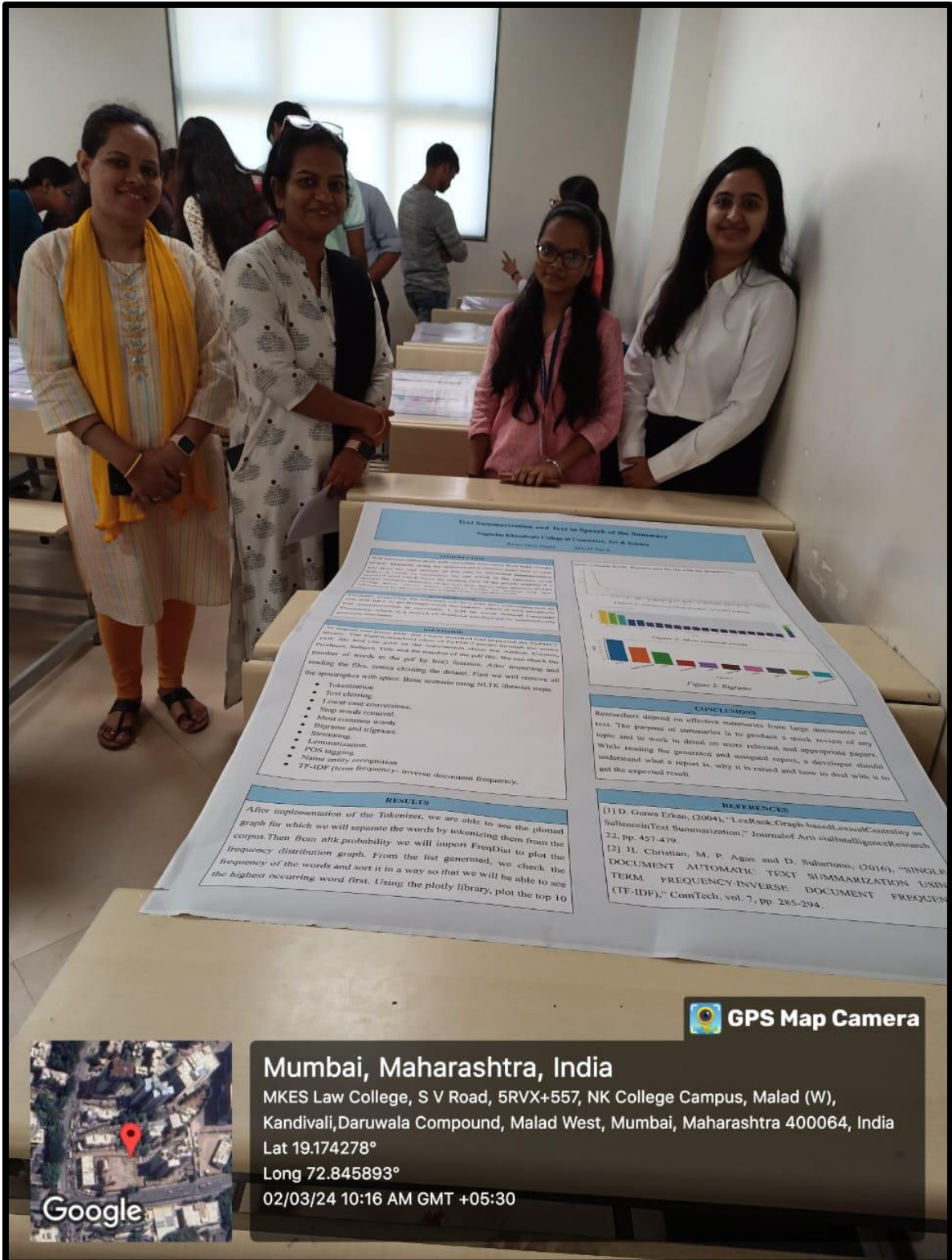
02/03/24 09:48 AM GMT +05:30



Mumbai, Maharashtra, India

MKES Law College, S V Road, 5RVX+557, NK College Campus, Malad (W),
Kandivali, Daruwalla Compound, Malad West, Mumbai, Maharashtra 400064, India
Lat 19.174278°
Long 72.845893°
02/03/24 10:16 AM GMT +05:30





Text Summarization and Text to Speech of the Summary
Nagindas Khandwala College of Commerce, Art & Science
Semester: 2022-2023 Date: 02/03/2024

INTRODUCTION
The purpose of this project is to develop a system that can automatically generate a summary of a given document and then convert that summary into speech. This system can be used in various applications such as news summarization, research paper summarization, and audio transcription.

ABSTRACT
This project aims to develop a system that can automatically generate a summary of a given document and then convert that summary into speech. The system uses Natural Language Processing (NLP) techniques to extract the most important information from the document and then uses Text-to-Speech (TTS) technology to convert the summary into audio format.

METHODOLOGY
The methodology used in this project involves several steps. First, we collect a dataset of documents. Then, we preprocess the data by tokenizing the text, removing stop words, and stemming the words. Next, we use NLP techniques to extract the most important information from the document. Finally, we use TTS technology to convert the summary into audio format.

RESULTS
After implementation of the tokenizer, we are able to see the plotted graph for which we will separate the words by tokenizing them from the corpus. Then from nltk probability we will import FreqDist to plot the frequency distribution graph. From the list generated, we check the frequency of the words and sort it in a way so that we will be able to see the highest occurring word first. Using the plotly library, plot the top 10

CONCLUSIONS
Researchers depend on effective summaries from large documents of text. The purpose of summarization is to produce a quick review of any topic and to work to detail on more relevant and appropriate papers. While reading the generated and assigned papers, a developer should understand what a report is, why it is raised and how to deal with it to get the expected result.

REFERENCES
[1] D. Gunes Erkan, (2004), "LexRank: Graph-based Lexical Centrality as Salience in Text Summarization," Journal of Artificial Intelligence Research, 22, pp. 457-479.
[2] H. Christian, M. P. Agus and D. Subartono, (2016), "SINGLE DOCUMENT AUTOMATIC TEXT SUMMARIZATION USING TERM FREQUENCY-INVERSE DOCUMENT FREQUENCY (TF-IDF)," ComTech, vol. 7, pp. 285-294.

GPS Map Camera



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Participants of the Session