GALGOTIAS UNIVERSITY

SCHOOL OF COMPUTING SCIENCE & ENGINEERING

PROJECT APPROVAL FORM AND ABSTRACT

Fall 2023-2024

B.Tech./MCA/MSC/BCA/BSC

Project Group ID: BTech SS

Project Details:

Title	TEXT SUMMARIZER		
Project Type	☐ Community based design problem (Interdisciplinary) ☐ Sustainable development goal ☐ App Development / Utility ☑ IOT/ML/Others	**Project Outcome**	☑ Project and Research Paper ☐ Project and Patent ☐ Project and Book Chapter
Publication Target	☑ SCOPUS Journal ☐ SCOPUS Conference ☐ SCOPUS Book Chapter ☐ Patent	**Guide Name:**	Mr KUNDAN KUMAR

Student Details:

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3					
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Guide Lines for One Page Abstract:

1. Project Title should be in bold letters maximum of two lines, and the font must be in Times New roman with the size of 22 and it should be in center alignment.
2. The Abstract should have minimum of 150 words and maximum of 250 words.
3. The Abstract should be in Justify alignment, and the font must be in Times New roman with the size of 14 and the line spacing must be in 2.0 exactly.
4. Please refer the next page for the Abstract format.

TEXT SUMMARIZER

ABSTRACT

The rapid growth of textual content on the internet, encompassing news articles, blogs,status updates, and various site pages, necessitates efficient methods for information retrieval and analysis. Traditional search and skimming methods are often insufficient due to the unstructured nature of this data. To facilitate more effective examination and ensure that essential details are not overlooked, a solution is proposed: an online application employing abstractive text summarization. This tool generates concise, paraphrased summaries of key points, utilizing a different vocabulary from the original text. These summaries streamline reading, simplify content selection, and enhance indexing efficiency. Notably, automatic summarization methods outperform human summarizers in reducing bias. This text summarization approach leverages Natural Language Processing (NLP), powered by Flask, Python 3, web development technologies (HTML, CSS, BOOTSTRAP), and the Text Summarizing API. Future objectives may involve expanding machine learning research and applying topic-focused summarization to news articles and blogs.

md Nadeem Sarwar

Signature of Student

Signature of Guide