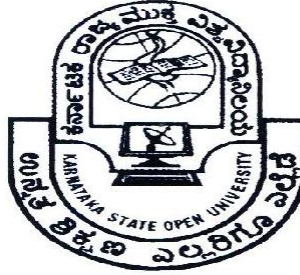


KARNATAKA STATE OPEN UNIVERSITY

Mukthagangothri, Mysore - 570006



Major Project Report On

“AskMyPDF-AI-Powered-PDF-Understanding”

*Submitted in partial fulfillment of requirement
For the award of the degree of*

***Master of Computer Application
Karnataka State Open University, Mysore.***

**By
Appu M**

Reg No: 08P231016900153

Under the Guidance of

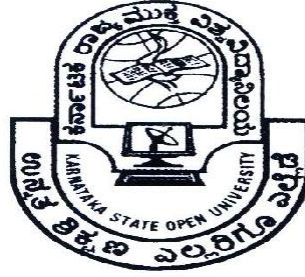
Dr. Bhavya D N, BE, M.Tech, PhD

**Chairperson and Assistant Professor
Department of Studies in Computer Science
Karnataka State Open University
Mukthagangothri Mysore-570006**

**Department of Studies in Computer Science
Karnataka State Open University
Mukthagangothri Mysore-570006
October 2025**

KARNATAKA STATE OPEN UNIVERSITY

Mukthagangothri, Mysore - 570006



CERTIFICATE

This is to certify that the project work entitled “AskMyPDF – AI-Powered PDF Understanding” is a bonafide work carried out by **Appu M (08P231016900153)**, a student of the 4th semester MCA, in partial fulfillment of the requirements for the award of the degree of **Master of Computer Applications**, as prescribed by **Karnataka State Open University, Mukthagangothri, Mysuru**, during the academic year 2024 – 2025. It is certified that all the suggestions and corrections indicated for the internal assessment have been incorporated in the report deposited in the department library. The report has been approved as it satisfies the requirements in respect of the project work prescribed for the said degree.

Name & Signature of
the Guide

Name & Signature of
the HOD

Signature of the Principal

External Viva-Voce

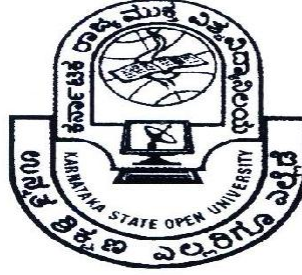
Name of the Examiners

Signature with Date

1) _____

2) _____

KARNATAKA STATE OPEN UNIVERSITY
Mukthagangothri, Mysore - 570006



DECLARATION

I, **Appu M (08P231016900153)**, a student of the 4th semester **MCA, Karnataka State Open University, Mukthagangothri, Mysuru**, hereby declare that the project work entitled **“AskMyPDF – AI-Powered PDF Understanding”** is a bonafide work carried out by me independently under the guidance of **Dr. Bhavya D N**, Chairperson and Assistant Professor, Department of Studies in Computer Science, Karnataka State Open University, Mukthagangothri, Mysuru. This project work is submitted in partial fulfillment of the requirements for the award of the degree of **Master of Computer Application** during the academic year 2024 – 2025.

Date:

Place:

AppuM
(08P231016900153)

ACKNOWLEDGEMENT

If words are considered as the tokens of acknowledgement, then the words play the heralding role of expressing my gratitude.

With proud gratitude I thank God for all the blessings showered and for completion of the project successfully.

I wish to express our deepest gratitude to **Dr. Bhavya D N**, Chairperson & Assistant Professor, Department of Studies in Computer Science, KSOU, for her constant encouragement and inspiration in taking up this project.

I gracefully thank our guide **Dr. Bhavya D N**, Chairperson & Assistant Professor, Department of Studies in Computer Science, who gave her valuable suggestions throughout the project period and devoting her precious time in making this project a success.

In the end, I offer my sincere thanks to my family members and friends for their valuable suggestions, encouragement and unwavering support.

Appu M
(08P231016900153)

ABSTRACT

The **AskMyPDF** project represents a transformative approach to intelligent document interaction, addressing the long-standing inefficiencies of traditional PDF handling. While the Portable Document Format (PDF) dominates modern digital documentation—encompassing academic, engineering, legal, and archival materials—conventional tools remain limited to manual navigation, static search, and slow data retrieval. These limitations contribute to substantial productivity losses and accessibility gaps across professional domains.

AskMyPDF leverages **artificial intelligence**, **natural language processing (NLP)**, and **optical character recognition (OCR)** to convert static PDFs into dynamic, query-driven knowledge systems. Through a user-friendly web interface, users can upload documents and interact with them via natural language queries, emulating the experience of consulting a subject-matter expert. The system integrates a hybrid extraction pipeline to ensure high-accuracy text and data retrieval from both digital and scanned PDFs, coupled with a conversational engine designed to deliver responses in real time.

This project aims to enhance **information accessibility**, **efficiency**, and **user engagement** by enabling context-aware search, intelligent summarization, and adaptive visualization of document content. By reducing the cognitive and temporal overhead associated with traditional document review, AskMyPDF provides a scalable, AI-driven solution for enterprises, researchers, and professionals seeking faster and smarter access to PDF-based information.