# AI-driven Secured Search Engine

A PROJECT REPORT  
Submitted by  
  
Anjul Kumar (2XBCY10XXX)  
Ayushman Bhatia (2XBCY10300)  
Pranjal Jamwant (2XBCY10084)  
Pushpa Thungu (2XBCY10268)  
Jassi Kumar Saadho (2XBCY10111)  
  
in partial fulfillment for the award of the degree  
of  
BACHELOR OF TECHNOLOGY  
In  
COMPUTER SCIENCE AND ENGINEERING  
(Cyber Security and Digital Forensics)  
  
SCHOOL OF COMPUTING SCIENCE ENGINEERING AND ARTIFICIAL INTELLIGENCE (SCAI)  
VIT BHOPAL UNIVERSITY  
KOTHRI KALAN, SEHORE  
MADHYA PRADESH - 466114  
  
DECEMBER 2024

# BONAFIDE CERTIFICATE

Certified that this project report titled “AI-driven Secured Search Engine” is the Bonafide work of Anjul Kumar (2XBCY10XXX), Ayushman Bhatia (2XBCY10300), Pranjal Jamwant (2XBCY10084), Pushpa Thungu (2XBCY10268), Jassi Kumar Saadho (2XBCY10111), who carried out the project work under my supervision. Certified further that to the best of my knowledge, the work reported at this time does not form part of any other project/research work based on which a degree or award was conferred on an earlier occasion on this or any other candidate.  
  
PROGRAM CHAIR:  
Dr. D. Saravanan  
Assistant Professor,  
School of Computing Science Engineering and Artificial Intelligence (SCAI)  
VIT BHOPAL UNIVERSITY  
  
PROJECT GUIDE:  
Dr. Anshul Kumar,  
Assistant Professor,  
School of Computing Science Engineering and Artificial Intelligence (SCAI)  
VIT BHOPAL UNIVERSITY

# ACKNOWLEDGEMENT

First and foremost, we would like to thank the Lord Almighty for His blessings throughout the project. We express our gratitude to Dr. D. Saravanan and Dr. Adarsh Patel, Program Chairs, Cyber Security and Digital Forensics, for their valuable support and encouragement. We extend our heartfelt thanks to our project guide, Dr. Anshul Kumar, for his guidance and insightful suggestions. Finally, we are deeply grateful to our families and friends for their support.

# LIST OF ABBREVIATIONS

AI - Artificial Intelligence  
ML - Machine Learning  
P3P - Platform for Privacy Preferences

# ABSTRACT

This project focuses on the development of an AI-driven secured search engine designed to address privacy concerns while providing a high-quality user experience. The system integrates advanced AI algorithms, privacy-preserving mechanisms, and robust encryption techniques to deliver personalized yet secure search results. By examining existing search engines and privacy tools, the project identifies gaps in data protection and proposes an innovative solution to bridge these gaps.

# TABLE OF CONTENTS

[Table of Contents will be autogenerated]

# CHAPTER 1: INTRODUCTION

[Content for Chapter 1 - INTRODUCTION will be added here]

# CHAPTER 2: RELATED WORK AND INVESTIGATION

[Content for Chapter 2 - RELATED WORK AND INVESTIGATION will be added here]

# CHAPTER 3: METHODOLOGY

[Content for Chapter 3 - METHODOLOGY will be added here]

# CHAPTER 4: REQUIREMENT AND IMPLEMENTATION

[Content for Chapter 4 - REQUIREMENT AND IMPLEMENTATION will be added here]

# CHAPTER 5: TECHNICAL IMPLEMENTATION AND ANALYSIS

[Content for Chapter 5 - TECHNICAL IMPLEMENTATION AND ANALYSIS will be added here]

# CHAPTER 6: RESULTS AND DISCUSSION

[Content for Chapter 6 - RESULTS AND DISCUSSION will be added here]

# CHAPTER 7: CONCLUSION AND FUTURE WORK

[Content for Chapter 7 - CONCLUSION AND FUTURE WORK will be added here]

# REFERENCES

[References will be added here]