



**Ganpat  
University**  
॥ विद्यया समाजोत्कर्षः ॥

**Department of  
Computer Science**



**A**

## **Project Report**

**On**

**Invisi-Script**

**Submitted By**

**Group No: 04**

**Muskan Marghani (22082701024)**

**B. Sc. IT (Data Science) – V**

**U75A5IP1: INDUSTRIAL PROJECT – I**

**Guided By**

**Prof. Helly Patel**

**Submitted to**

**Department of Computer Science,  
Ganpat University (GUNI),  
Ganpat Vidyanagar - 384012  
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Date: 29 / 11 / 2024

## **CERTIFICATE**

**T O W H O M   S O   E V E R   I T   M A Y   C O N C E R N**

This is to certify that the following students of B.Sc. IT (Data Science) Semester-V has completed her project work titled “**Invisi-Script**” satisfactorily and fulfill the requirement of B.Sc. IT (Data Science) Semester-V, Department of Computer Science, Ganpat University in the academic year 2024-2025.

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**Project Coordinator**

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**Principal**

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**Dr. Ketan Patel**

**Dr. Nirbhay Chaubey**

## **ACKNOWLEDGEMENT**

I would like to express my deepest gratitude to all those who have contributed to the successful completion of my project, Invisi-Script.

First and foremost, I am immensely thankful to my internal project guide and project coordinator, **Prof. Helly Patel**, for her invaluable guidance, insightful feedback, and unwavering support throughout this project. Her expertise and mentorship were instrumental in shaping the outcome of this work.

I extend my heartfelt appreciation to **my seniors** for their significant contributions and valuable insights, which greatly enriched the project and provided a strong foundation for its development.

I am also deeply grateful to **Prof. Ketan Patel**, the program coordinator, for his guidance, encouragement, and continuous support, ensuring the seamless execution of this project.

Finally, I acknowledge the support and encouragement of my family, friends, and peers, whose motivation and assistance were integral to the successful completion of this project.

**Marghani Muskan**

## **PREFACE**

In today's fast-changing world of technology, artificial intelligence and computer vision have opened up exciting new possibilities. As a Data science student, I created Invisi-Script, a project that combines creativity with technology to change how we interact with digital systems.

The goal of Invisi-Script is to let users write or draw in the air using hand gestures, which are captured in real-time and turned into digital text. The project uses advanced tools like OpenCV, MediaPipe, and EasyOCR to make the experience smooth and easy to use.

This document explains how the project was designed, developed, and implemented. It includes exploring hand gesture recognition, improving computer vision techniques, and ensuring accurate text conversion. The focus was to build a tool that is not only useful but also easy and enjoyable for people to use in different situations.

Invisi-Script shows how AI can help connect humans and technology in new and better ways. Working on this project has been a valuable learning experience, teaching me about problem-solving, innovation, and teamwork.

I hope this project encourages more ideas for using AI creatively and helps make technology more user-friendly.

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