VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belgaum – 590014



DBMS MINI PROJECT (21CSL55) REPORT ON

# “A Virtual Art Gallery Management System using PHP & MySQL”

Submitted in partial fulfillment of the requirements for the award of degree of BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE & ENGINEERING

*For the academic year 2024-2025*

Submitted by:

MOHAMMED THAYEEB SHARIFF 1KN21IS031

KHADANAND CHAUDHARY 1KN21IS017

*Under the Guidance of*

**Mrs. Rashmi Purad** Asst. Prof

Dept. of ISE, KNSIT, Bengaluru-64



# DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

**K.N.S INSTITUTE OF TECHNOLOGY**

Thirumenahalli, Yelahanka, Bengaluru-5600

KNS INSTITUTE OF TECHNOLOGY

Affiliated to Visvesvaraya Technological University, Belagavi and Approved by AICTE, New Delhi

**Hegde Nagar-kogilu Road, Thirumenahalli, Yelahanka, Bengaluru-560045**

**DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING**

# CERTIFICATE

Certified that the DBMS Mini Project work entitled **“A Virtual Art Gallery Management System Using PHP & MYSQL”** carried out by **Mohammed Thayeeb shariff & khadanand chaudhary** bearing USN **1KN21IS031 & 1KN21IS017** are Bonafide students of **KNS Institute of Technology, Bengaluru**, in partial fulfillment for the award of **Bachelor of Engineering** in **Information Science & Engineering** of the **Visvesvaraya Technological University, Belagavi** during the year 2024 – 25. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library.

The report has been approved as it satisfies the academic requirements in

respect of Mini Project prescribed for the said Degree.

**Signature of the Guide Signature of the HOD Signature of the Principal**

**INTERNAL VIVA**

Name of the Examiners Signature with date

1……………………………. ....................................

2……………………………. ...................................

# ACKNOWLEDGEMENT

The satisfaction and euphoria that accompanies the successful completion of any task would be incomplete without mentioning the people who made it possible. With deep gratitude, I acknowledge all those guidance and encouragement, which served as bacon of light and crowned our efforts with success. I thank each one of them for their valuable support.

We are indebted to the Chairman of our college MR. ABDUL RAHMAN SHARIEF, for his constant support, motivation and encouragement to excel in academics.

We express my sincere thanks to DR. S.M PRAKASH, Principal, KNS Institute of Technology, Bangalore, for providing necessary facilities and motivation to carry out project work successfully.

We express heartfelt gratitude and humble thanks to DR. SURESH H, HOD ISE, KNS Institute of Technology, Bangalore for the constant encouragement, inspiration and help to carry out project work successfully.

We would like to express my sincere gratitude towards my internal guide **Internal guide MRS. RASHMI PURAD, Asst Professor,** Dept of ISE, KNSIT, Bangalorefor providing encouragement and inspiration throughout the project.

We are thankful to all the teaching and non-teaching staff members of ISE Department for their help and needed support rendered throughout the project.

**Mohammed Thayeeb Shariff 1KN21IS031**

**Khadanand Chaudhary**

**1KN21IS017**

**ABSTRACT**

This report presents the design and implementation of a Virtual Art Gallery Management System (VAGMS) aimed at providing a seamless and immersive experience for art enthusiasts, collectors, and artists alike. Leveraging cutting-edge **virtual reality (VR) technology** and **robust database management**, VAGMS offers users the ability to explore diverse collections of artworks from the comfort of their own homes.

Key features include a user-friendly interface for browsing, searching, and filtering artwork based on various criteria such as artist, genre, medium, and price. The system also incorporates **advanced visualization techniques**, allowing users to view high-resolution images of artwork and even experience them in virtual 3D spaces.

Furthermore, facilitates by providing support for managing art exhibitions, auctions, and events within the virtual platform. Additionally, the system offers comprehensive management tools for artists and gallery administrators, including database portfolio management, enquiry tracking, and Data analytics.