NAVKIS COLLEGE OF ENGINEERING, HASSAN

(Affiliated to Visvesvaraya Technological University, Belagavi)

Hassan - 573217

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

An Initiative from
Sri. M. S. Ramaiah
Navkis
College of Engineering, Hassan

CERTIFICATE

This is to Certify that the mini project work entitled **"Data Communication Over Internet"** is a Bonafide work carried out by **MADHAN HK (4YG19CS009)** and **NISHMA AA (4YG19CS011)** in partial fulfillment for the award of **Bachelor of Engineering** in **Computer Science and Engineering** of the **Visvesvaraya Technological University**, Belagavi, Karnataka during the year **2021-2022**. It is certified that all corrections/suggestions indicated for the Internal Assessment have been incorporated in the report. The mini project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering degree.

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Signature of Guide	**Signature of Guide**	**Signature of HOD**
Ms. Manasa D S	**Mr. Raghu Nandan R**	**Dr. A. N. Myna**
Asst. Professor **Dept. of CS&E** **N.C.E., Hassan**	**Asst. Professor** **Dept. of CS&E** **N.C.E., Hassan**	**Head of the Department** **Dept. of CS&E** **N.C.E., Hassan**

EXTERNAL VIVA

Name of the Examiner	Signature with date
1. _____	_____
2. _____	_____

DECLARATION

We, the undersigned students of 6th semester Computer Science & Engineering, Navkis College of Engineering Hassan. Respectively here by, declare that our mini project work entitled **"DATA COMMUNICATION OVER INTERNET"** is a bonafide work of ours. We also declare that this mini project was not entitled for submission to any other university in the past and shall remain the only submission made andwill not be submitted by us to any other university in the future.

Name	USN	Signature
MADHAN HK	**(4YG19CS009)**	
NISHMA AA	**(4YG19CS011)**	

Place: Hassan

Date:

ACKNOWLEDGEMENT

It is a great pleasure for us to acknowledge the help of many individuals without the help of those this mini project work would not have been fruitful. We owe a dept of gratitude to **NAVKIS College of Engineering, Hassan** for providing us an opportunity to carry out our mini project.

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Also, We would like to express our gratitude to websites that we have referred in due course of seeking the latest information to enhance the power of our project topic to meet the latest trends.

We would also like to thank all our friends & family who always encouraged us to increase our potentials and our lab instructors and librarian for supporting us by providing the lab facilities and library whenever needed.

By

MADHAN HK (4YG19CS009)

NISHMA AA (4YG19CS011)

ABSTRACT

The Main aim of this Mini Project is to illustrate the concepts and the usage of the Data Communication over Internet in the OpenGL. Communication begins with a message, or information, that must be sent from one individual or device to another. The first element is the message source or sender that needs to send messages to other individuals or devices. The second element of the communication is the destination or receiver of the message. The destination receives the message and interprets it. The third element called a channel consists of the media that provides the pathway over which themessage can travel from source to destination. We will use input devices like mouse and key board to interact with program. We are going to use a SolidSphere () to represent an earth. Multiple SolidCube () will be used to form Building and Personal Computers (PC). To Differentiate between objects we will use different colors for different objects. A menu Bar will also be added to know information about the project. That will make the program more interactive.

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