**A**

**Project Report**

**On**

**IMAGE STEGANOGRAPHY USING PYTHON**

Submitted in partial fulfilment of the

Requirements for the award of the degree

Of

**BACHELOR OF COMPUTER APPLICATION**

**Session: 2017-20**

Submitted by

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Under the guidance of

**Mr. Kshitiz Srivastava**

**DEPARTMENT OF COMPUTER APPLICATION**

**SHRI RAMSWAROOP MEMORIAL UNIVERSITY,**

**LUCKNOW- DEWA ROAD, BARABANKI, U.P,**

**MAY- 2020**

**DECLARATION**

I hereby declare that the work which is being presented in the project entitled “**Image Steganography Using Python**” in partial fulfilment of the requirements for the awardof **Bachelor of** **Computer Application** from **Shri Ramswaroop Memorial University, Uttar Pradesh** is an authentic record of my own work carried out during the period From February, 2020 to May, 2020 under the supervision and guidance of **Mr.** **Kshitiz Srivastava.**

**Student signature:-**

**HIMESH MAURYA TARUN VERMA**

**Place:**

**Date:**

**CERTIFICATE**

This is to certify that the synopsis entitled **Image Steganography Using Python** being submitted by **Mr. Himesh Maurya** and **Mr. Tarun Verma** in partial fulfilment for the award of the **Degree of Bachelor of Computer Application** to **Shri Ramswaroop Memorial University** is a record of bona fide work carried out by them under my guidance and supervision.

The results embodied in this project synopsis have not been submitted to any other University or Institute for the award of any Degree or Diploma.

**Dr. Bineet Kumar Gupta Mr. Kshitiz Srivastava Dr. Promila Bahadur**

**(Head of the Department) (Supervisor) (Project Coordinator)**

**ACKNOWLEDGEMENT**

**IMAGE STEGANOGRAPHY USING PYTHON** is the final year project for the department of Computer Application **SHRI RAMSWAROOP MEMORIAL UNIVERSITY**, 2020 batch this report is prepared by **Mr. Himesh Maurya** and **Mr. Tarun Verma** under the guidance of **Mr. Kshitiz Srivastava**, **SRMU**. So first and for most we would like to express our gratitude to our **HOD Dr. Bineet Kumar Gupta** Sir and other faculty member for giving us wonderful opportunity to work on the project. We are also thankful to all our teachers of **SHRI RAMSWAROOP MEMORIAL UNIVERSITY** who were simply full ideas and whenever there was any need they shared those great ideas and concept with us. And in the end, we would like to thank all those who helped us during the testing phase of the project.

**Student signature:-**

**Himesh Maurya Tarun Verma**

**ABSTRACT**

The aim of this Project is to develop software which can be used to hide secret data to an **Image**. The software is mainly used when a user wants to send secret information but does not wants any other person to see that data. This type technique is mainly used by **secret organisations** to send secret information through **dark web**. **Organisations** can also use this to store and secret **Chemical Formula** or **Future Plans for the organisation.** Using **VISUAL STUDIO CODE, PYTHON, SQLITE** the system is designed. This software takes the a **cover image** and a **secret text message** as input and gives a **steganographed image** based on the algorithm applied and also we can extract **secret text message** from the **steganographed image.**