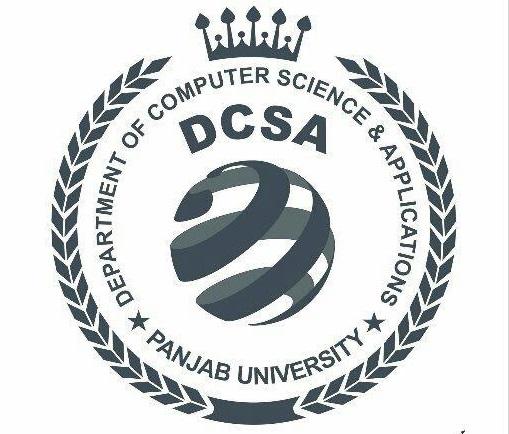
**DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS**

****

**PANJAB UNIVERSITY**

**CHANDIGARH**



**Project Report on RSA Encryption**

**SUBMITTED TO: SUBMITTED BY:**

**Prof. Syamla**  **Abhay Singh**

**MCA-II(Evening)**

**Roll No. 51**

**CERTIFICATE**

**TO WHOM SO EVER IT MAY CONCERN**

**This is to certify that ABHAY SINGH**  pursuing  **Master of Computer Applications**, at Panjab University ,Chandigarh, undertook a project entitled “Text Encryption Using RSA algorithm**” ,** the project is a bonafide work carried out by himunder our supervision. This work has not been submitted earlier, either in part or in full, to any other university or institute for the award of degree.

Prof**. Syamla**

**(Project Guide)**

**DCSA , Panjab University**

**Chandigarh**

**ABOUT THE PROJECT**

A formal statement of acknowledgement is hardly sufficient to express our gratitude towards the personalities who have helped us to undertake and carry out this project. We hereby convey our thankfulness and obligation to all those who are providing us valuable help, support and guidance to carry on this project. We take this opportunity to express our deepest gratitude to those who have generously helped us in providing the valuable knowledge and expertise during our Project.

We are thankful to Ms. Monica (Lecturer) of Department Of IT, PGGC-11 Chandigarh, for her thorough guidance right from day 1st till the end of the Project and giving us the required guidance and removing any difficulties faced by us during the project.

We would like to thank each and every person who has contributed in any of the ways in my training. We thank the almighty god for blessing us with new challenges in life and giving us enough strength to meet those challenges. We owe everything to our parents who worked very hard to provide us everything in life.

Finally we are indebted to our friends who showed tolerance and maturity when we were preoccupied with composition of the project cannot be expressed in words.

**Department Of Computer Science And Application**

**Panjab University**, **Chandigarh**

|  |  |  |
| --- | --- | --- |
| **Sr.no** | **Title** | **Page no.** |
| **I** | **Introduction**  In this include the interpretation of the title, why it is required, who are the Users or for whom it is useful. Also include the goal of the project and three or four Objectives to be achieved to reach the goal. | 1-2 |
| **II** | **Design** Include in this how you achieved each objective, what methodology is used,what techniques are used, or details of algorithm(s) used. You can use Data flow  diagram, Entity Relationship diagrams, UML (Unified Modeling Language) diagrams orany other to explain the methodology or flow of control in a structured way. | 3-6 |
| **III** | **Implementation** Here the structured program code of the methods or algorithmsmentioned in the design is to be included. Include as many comments as required in the  code. You are also supposed to explain some important parts of the code. Error controls(if any) used are to be explained here. | 7-9 |
| **IV** | **Testing** Here include what data is used for testing (keyboard input only, or files only or  both keyboard input and files also), complete listing of files used for testing. Whether you  are getting desired results or with which accuracy, you are getting the results are to be  mentioned. You can show the screenshots when the project is executed. You can briefly  explain the screen shots also. | 10-20 |
| **V** | **Conclusions & Scope for further Development** In this include overall what are your  comments or observations or what you have achieved in the project. Scope for further  work includes how it can be improved or extended. | 21 |
| **VI** | **References** Include Research papers, websites, and books you referred. When Research  papers or books are referred, include the following format.  **Author, title, publisher and year** |  |

**TABLE OF CONTENTS**

Teacher’s sign- \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Intoduction**

**Goal Of the Project**

**Objectives To Achieve the Goal**