



**ANEKANT EDUCATION SOCIETY**

**TULJARAM CHATURCHAND COLLEGE OF ARTS, SCIENCE  
AND COMMERCE, BARAMATI**

**NAAC RE-accredited' A+ (CGPA 3.55)**

**Grade, ISO 9001-2015 Certified College,**

**Religious Minority Institute**

**(Autonomous Institute)**

**Department of Mathematics**

**Project name: - "New method of cryptography using  
permutation cycle and various transformations"**

# CERTIFICATE

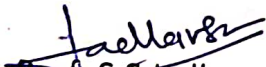
This is to certify that project work entitled "New method of cryptography using permutation cycle and various transformations" submitted in partial fulfilment of required for M.sc II Mathematics by TULJARAM CHATURCHAND COLLEGE (Autonomous Institute) under Savitribai Phule Pune University, as a record of student own work carried out them.

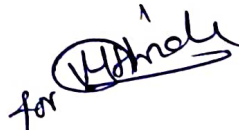
Submitted by

Nalawade Vishvajeet Nanasaheb

Markale Sharwari Dattatray

1. Nalawade Sapkal Sanyogita Dattatraya
2. Markale Sharwari Dattatray
3. Sapkal Sanyogita Dattatraya

  
Prof. S.S. Jadhav  
(Guide)

  
for  
Prof. S. R. Puranik  
(H.O.D. Mathematics)



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(Autonomous Institute)

**Department of Mathematics**

**Project Name: Prediction of Heart Disease Using Machine  
Learning Algorithms**

**Under the Guidance of**

**Prof. Jadhav S.S.**

## CERTIFICATE

This is to certify that project work entitled "*Prediction of Heart Disease Using Machine Learning Algorithms*" submitted in partial fulfillment of required for M.sc II Mathematics by **TULJARAM CHATURCHAND COLLEGE** (Autonomous Institute) under Savitribai Phule Pune University, as a record of student own work carried out them.

### Submitted by

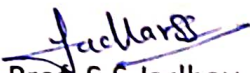
Ranaware Jayashri Ramesh

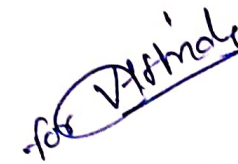
Magdum Snehal Deshbhushan

Kutwal Komal Kundalik

Chavare Neha Popat

Maneri Tabbu Ilahi

  
Prof. S.S Jadhav  
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**Department of Mathematics**

**PROJECT TITLE :- The Fibonacci Numbers And Its Application**

## CERTIFICATE

This is to certify that project work entitled "Fibonacci Sequence and its application" submitted in partial fulfilment of required for M.sc II Mathematics by TULJARAM CHATURCHAND COLLEGE (Autonomous Institute) under Savitribai Phule Pune University, as a record of student own work carried out them.

Submitted by

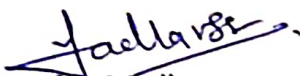
Malshikre Mayuri Sambhaji


Shinde Pratiksha Vijay

Kokare Rutuja Sunil

Khomane Vanita Appaso

Parade Dipali Ekanath

  
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**Department of Mathematics**

**Project name: - "New method of cryptography using  
permutation cycle and various transformations"**

# CERTIFICATE

This is to certify that project work entitled "**New method of cryptography using permutation cycle and various transformations**" submitted in partial fulfilment of required for M.sc II Mathematics by TULJARAM CHATURCHAND COLLEGE (Autonomous Institute) under Savitribai Phule Pune University, as a record of student own work carried out them.

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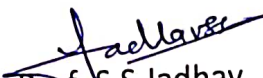
Nalawade Vishvajeet Nanasaheb


Markale Sharwari Dattatray

Ghadage Sukanya Sangeetrao

More Pratiksha Jagannath

Nanavare Komal Rajendra

  
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(Autonomous Institute)

**Department of Mathematics**

**Project Name: "New Methodology for Cryptography  
Using Number Theory"**

**Under the Guidance of**

**Prof. Jadhav S.S.**

# CERTIFICATE

This is to certify that project work entitled "New methodology for cryptography using number theory" submitted in partial fulfilment of required for M.sc II Mathematics by TULJARAM CHATURCHAND COLLEGE (Autonomous Institute) under Savitribai Phule Pune University, as a record of student own work carried out them.

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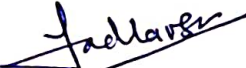
Ghongane Vaibhav Rajendra


Sapkal Sanyogita Dattatraya

Jagtap Rutuja Rajaram

Chavan Shital Sunil

Sawant Prajakta Rajabhau

  
Prof. S.S Jadhav  
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