

**Swami Ramanand Teerth Marathwada University,
Nanded - 431606, (M.H.) India.**



Project Report On :
**“Weather App Using OpenWeatherMap API And Geoapify
API”**

Submitted By :
Mr. Rushikesh Sanjay Harkal
BSc Third Year
Exam Seat No. :- BC135641

Under the Guidance of :
Prof. M. P. Jadhav
Prof. R. D. Kene (HOD CS Department)

Submitted to

DEPARTMENT OF COMPUTER SCIENCE,

ADARSH EDUCATION SOCIETY'S

ARTS, COMMERCE & SCIENCE COLLEGE, HINGOLI

Project Report on

**“Weather App Using OpenWeatherMap API And Geoapify
API”**

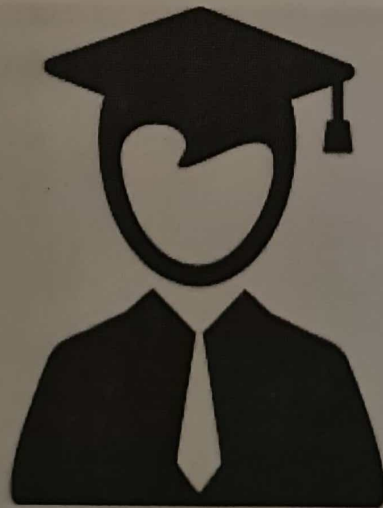
Submitted By :

Rushikesh Sanjay Harkal
B.Sc.(Bachelor of Science) Third Year
Exam Seat No. :- BC135641

Under the Guidance of :

Prof. M. P. Jadhav

Prof. R. D. Kene (HOD CS Department)





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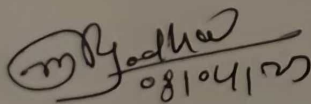
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Department Of Computer Science

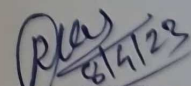
Certificate

This is to certify that the project entitled, **“Weather App Using OpenWeatherMap API And Geoapify API”** Submitted to **Swami Ramanand Teerth Marathwada University, Nanded** during academic year **2022-2023** by **Rushikesh Sanjay Harkal** for the award of the degree **Bachelor of Science (B.Sc.) Computer Science** was carried out by him under my supervision in the Department of Computer Science, **Adarsh College, Hingoli**. This work was not previously submitted by him to this or any other University for the award of any Degree, Diploma, Associateship or any other similar title.

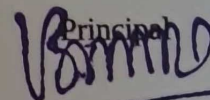
Date: 05/04/2023



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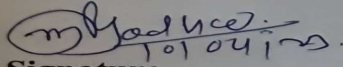
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has satisfactorily completed the course of practical in class....B.S.C.T.4....

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In the year 2022 to 2023

Date: 10.04.2023..

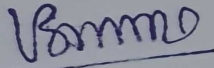

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Teacher Incharge


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Signature

Head, Department of
Computer Science
A.E.S. College, Hingoli

Internal

Examiner

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7	Form 7	Current Time

INTRODUCTION:-

An alarm clock is a clock that is designed to alert an individual or group of individuals at a specified time.

The Primary function of these clocks is to awaken People from their night's sleep or short Naps; they are sometimes used for other reminders as well.

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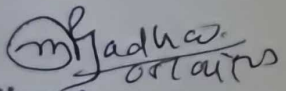
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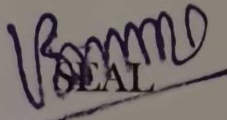
University/Board in Laboratory of A.E.S. College Hingoli.

In the year 2022 to 2023

Date:- 10/04/2023


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Teacher In-charge


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Head, Department of
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Head of Department

Internal Examiner

Project Report on

The image shows a screenshot of a web-based student registration form for ACME City College. The form is titled "STUDENT REGISTRATION FORM" and is divided into a "Basic Information" section. The fields include: Full Name (with sub-fields for First, Middle, and Last Name), Student Number, Year Level (a dropdown menu currently showing "Please Select"), Degree Program (a dropdown menu), Email (with a pre-filled address: "aakanksha@acmecitycollege.ac.in"), Phone Number, and Network Provider.

"STUDENT ONLINE MANAGEMENT SYSTEM"

Submitted by :

Poonam Bhanudas Pawar and

Aakanksha Bhavan Choudhari

BSC III RD YEAR (COMPUTER SCIENCE) SEMISTER VI 2022-2023

GUIDED BY :

Prof.R.Kene sir

Prof.M.P Jadhav Ma'am

Swami Ramanand Tirth Marathwala University, Nanded

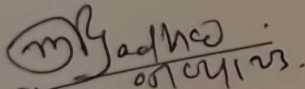
ADARSH COLLEGE HINGOLI

Department of Computer Science

CERTIFICATE

This is certify that the project entitled "STUDENT ONLINE MANAGEMENT SYSTEM" has been successfully completed by Ku.Poonam Bhanudas Pawar and Aakanksha Bhavan Choudhari under the guidance of Prof.R.D kene Sir and Prof.M.P Jadhav Ma'am in recognition to the partial fulfillment for the degree bachelor of science Adarsh College Hingoli in academic sessions 2022-23

Date : / / 2023


Signature

Signature

Prof.M.P.jadhav

Prof.R.D.kene

Assistant Proffesor

Head of theDept

Depth.comp.science

Dept.ofcomp.sci

External Examiner

Intetnal Examiner



**Swami Ramanand Teerth Marathwada
University, Nanded's
Aadarsh Education Society , Hingoli**

Department of Computer science

Submitted by

SAYYED AAMER ALI

MOHSIN PYAREWALE

**Under the Guidance
Prof.R.D Kene Sir (HOD)
Prof .M.P Jadhav**

Aadarsh College, HINGOLI



Swami Ramanand Teerth Marathwada University, Nanded's
Aadarsh College, Hingoli.

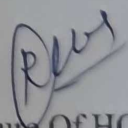
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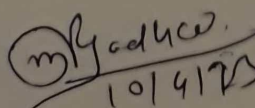
This Is To Certify That Mr. Sayyed Aamer Ali, Mohsin Pyarewale Are Has Carried Out The Major Project Work Of Entitled "Calculator In Python Language". The Work Included In This Report Is Original And Has Been Submitted For **BSC III YEAR** Of Syllabus Of Swami Ramanand Teerth Marathwada University, Nanded's During, The Academic Year: 2022-2023.

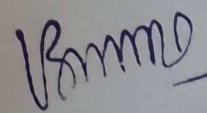
Date: 1/4/2023.

Guide By Head of Department
Prof. Sachin Kene Sir & Prof. M.P. Jadhav


Signature Of HOD
Head, Department of
Computer Science
A.E.S. College, Hingoli.

Examiner Principal


10/4/23


ADARSH SOCIETY'S
A.E.S. College,
HINGOLI, Hingoli.

Declaration

I declared that the project entitled "**Calculator In Python Language**" Submitted by me for the degree of BSC is the record of work carried out by me. Under guidance of " Sachin Kene Sir",

As not formed the bases for the award of any degree. In this any other university.

I further declare that the material obtained from other sources as been
dourly acknowledged in the project report.

Name SIGNATURE

Sayyed aamer ali(roll no. 5561)

Mohsin Pyarewale(roll no.5550)

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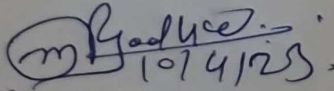
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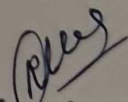
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Date:- 10 / 09 / 2020


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Teacher In-charge


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HINGOLI Dist. Hingoli.


Signature
Head, Department of
Head of Department
A.E.S. College, Hingoli

Internal Examiner

Seen
External Examiner

Bank Management System

Submitted By

Miss Priti Maroti Khillare

B.sc(Information Technology)

Guided By

Prof.Minakshi Mam

Assistant Professor

Dept.of computer science

Adarsh college Hingoli

Dist.Hingoli(431513), Maharashtra



DEPARTMENT OF COMPUTER SCIENCE

Adarsh college, Hingoli. Dist. Hingoli (431513) Maharashtra

2022-23

Swami Ramanand Teerth Marathwada University, Nanded



Adarsh college Hingoli

Department of computer science

Swami Ramanand Teerth Marathawada University,
Nanded-431606, (M.H.) India.



स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नांदेड.

Project Report On:

“UNIT CONVERTER APPLICATION”

Submitted By:

Mr.Pandharinath Gajanan Ganjave

&

Mr.Tanmay Ashish Rake

Class:- BSc Third year

Under the Guidance of:-

Prof. M.P. Jadhav

Prof.R.D.Kene (HOD CS Department)

Submitted to

DEPARTMENT OF COMPUTER SCIENCE,ADARSH EDUCATION
SOCIETY'S ARTS,COMMERCE & SCIENCE COLLEGE HINGOLI

Project Report On

"UNIT CONVERTER APPLICATION"

Submitted By :

1)Pandharinath Gajanan Ganjave

&

2)Tanmay Ashish Rake

B.Sc(Bachelor Of Science) Third Year

Under the Guidance of :

Prof.M.P. Jadhav

Prof.R.D.Kene (HOD CS Department)





“Swami Ramanand Teerth Marathwada University, Nanded”

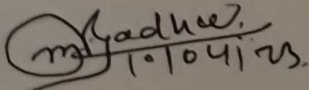
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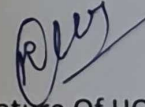
Certificate

This is to certify that the project entitled, “Unit Converter Application” submitted to **Swami Ramanand Teerth Marathwada University, Nanded** during academic year **2022-2023** by **Mr. Pandharinath Gajanan Ganjave & Mr. Tanmay Ashish Rake** for the award of the degree **Bachelor of Science (B.Sc) Computer Science** was carried out by him under our supervision in the Department Of Computer Science, **Adarsh College, Hingoli**. This work was not previously submitted by him to this or any other University for the award of any Degree, Diploma, Associate ship or any other similar title.

Date: 10/09/2023



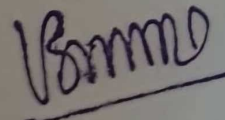
Teacher In Charge



Signature Of HOD
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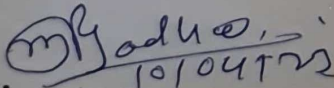
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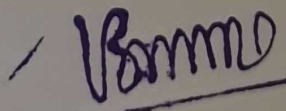

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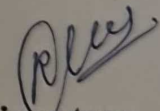
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Signature
Head, Department of
Head of Department
Computer Science
A.E.S. College, Hingoli.

Internal

Examiner

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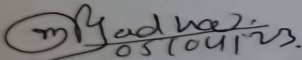
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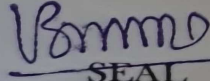
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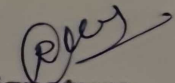
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Head of Department
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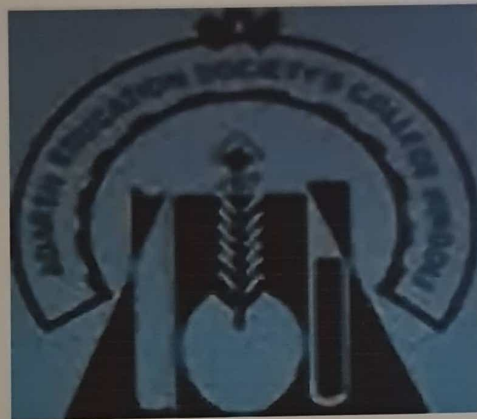


A project report on

“Hotel Billing System”

ADARSH EDUCATIONAL SOCIETY'S

**Arts, commerce & science
college, Hingoli**



A project report on

“Hotel Billing System”

Submitted to Dept. of computer science

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This is to certify that,

Miss/Shri..... Shruti Ashokkumar Gaeda

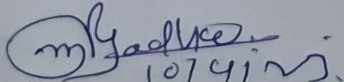
has satisfactorily completed the course of practical in class. B.S.C. IIIrd year

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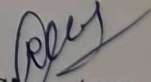
university/board in laboratory of A.E.S. College, Hingoli.

In the year 20.22 to 20.23

Date: 10.1.04.2023


Signature

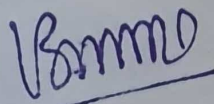
Teacher Incharge


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Head, Department of
Head of Department
Computer Science
A.E.S. College, Hingoli

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Internal

Examiner

ABSTRACT

this project is aimed at developing an online banking for customer. the system is an online

application that can be accessed throughout the organization and outside. as well with proper login provided the project has been planned to be having the view of distributed architecture, with centralized storage of the database.

the application for the storage of the data has been planned using the construct of MYSQL DB And all user interfaces have been designed using the java the database connectivity is planned using the "Database" methodology. the standards of security and data protective mechanism have been given a big choice for proper usage.

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Swami Ramanand Teerth Marathwada University, Nanded

Adarsh Education Society's
Arts, Commerce and Science Collage, Hingoli



A

Project Report on

Traffic Signal

Submitted by

Miss.Dipke Jayashri Subhash

B.SC.Third Year

Under The Guidance of

R.D. Kene Sir

&

M.P. jadhav madam

Department Of Computer Science,

Year 2022-2023

13C 436652

Swami Ramanand Teerth Marathwada University, Nanded



Adarsh College Hingoli

Department of Computer Science

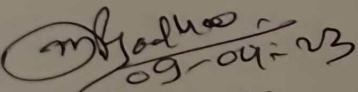
CERTIFICATE

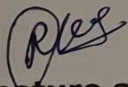
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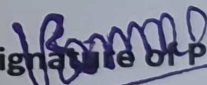
Miss. Dipke Jayshri Subhash. His/her carried out the
Assignment work of major project in BSC -3rd Year VI semester as per
Syllabus of SRTMUN Nanded, during the academic year 2022_2023

Date: / /2023

Place: Hingoli


Signature of Guide
Prof. Miss. Jadhav Mam


Signature of HOD
Head, Department of
Computer Science
Prof. R. D. Kene
A.E.S. College, Hingoli.


Signature of Principl
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Art's Commerce & Science College,
HINGOLI Dist. Hingoli.

External Examiner

BC 136652

ACKNOWLEDGEMENT

Many people have contributed to the success of this. Although a single sentence
Hardly suffices, I would like to thank Almighty God for blessing me with his grace.

I am profoundly indebted project guide **M. P. Jadhav Madam** of Computer
Science

Department for innumerable acts of timely advice, encouragement and I
sincerely

Express my gratitude to him.

I express my immense pleasure and thankfulness to all the teachers and staff of
the

Department of Computer Science for their cooperation and support. Last but not
the

least, I thank all others, and especially my class-mates who in one way or another
helped me in the successful completion of this work.

Name of Student

Dipke Jayshri Subhash

Adarsh Education Society's College

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has satisfactorily completed the course of practical in class B.Sc.T.Y.

paper project. prescribed by the

University/Board in Laboratory of A.E.S. College Hingoli.

In the year 2022 to 2023

Date:- 05 / 04 / 20 23

[Signature]
08-04-23.

Signature

Teacher In-charge

[Signature]

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ADARSH EDUCATION SOCIETY'S
Art's Commerce & Science College,
HINGOLI Dist. Hingoli.

Seen.

External Examiner

[Signature]

Signature

Head, Department of
Head of Department
A.E.S. College, Hingoli

Internal Examiner

Seen

**SWAMI RAMANADED TEERTH MARATHWADA
UNIVERSITY, NANDED**

**ADARSH EDUCATION SOCIETY
ARTS ,COMMERCE& SCIENCE**



A

PROJECT REPORT

ON

“(ALARM CLOCK)”

SUBMITTED BY:

ARTI KHUDE& PUNAM KHILLARI

**A COMPUTER SCIENCE
PROJECT**

ON

ALARM CLOCK

BY

ARTI KHUDE

&

PUNAM KHILLARI

**ADARSH EDUCATION SOCIETY'S
ARTS, COMMERCE AND SCIENCE COLLEGE, HINGOLI.**

Dist. Hingoli 431513 (Maharashtra)
Affiliated to Ramanand Teerth Marathwada University, Nanded.

ACCREDITED BY NAAC (+B)

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Hall Ticket No. BC 140006

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Miss/Shri. GANESH UMESHKUMAR DUBEY

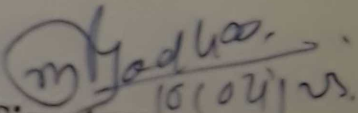
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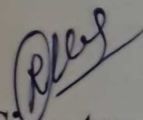
university/board in laboratory of A.E.S. College, Hingoli.

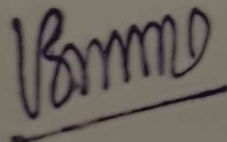
In the year 2022 to 2023

Date: 10.1.2023


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Teacher Incharge


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Computer Science
A.E.S. College, Hingoli



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- ABSTRACT -

The Weather App is a web-based application that utilizes the OpenWeatherMap API and Geoapify API to provide current weather conditions and forecasts for any location in the world. The app allows users to search for a specific location by city name or geographic coordinates and displays the current temperature, humidity, wind speed, and other relevant weather information. The Weather App is a useful tool for anyone who wants to stay up-to-date on the latest weather conditions and forecasts for any location in the world.

- SCOPE -

The project has a broad scope and can be used globally for various purposes. It can be utilized by individuals, businesses, and organizations to provide real-time and accurate weather data. Some of its potential use cases include providing weather updates to:

- 1) Individuals for planning their day or outdoor activities.
- 2) Businesses for decision making and logistics planning.
- 3) Agriculture industry for crop management and forecasting.
- 4) Travel industry for trip planning and itinerary adjustments.
- 5) Emergency services for disaster response and relief efforts.

- WORKING -

The working of the "Weather Web Application Using OpenWeatherMap API and Geoapify API" project Is As Follows.:

- 1) The frontend of the application is developed using HTML, CSS, and JavaScript and is responsible for the user interface and communication with the APIs.
- 2) The user can input their location information into the application, which is sent to the backend.
- 3) The backend, developed using JavaScript and a serverless architecture such as AWS Lambda or Firebase Functions, retrieves the current weather data for the user's location using the OpenWeatherMap API and the geographical data using the Geoapify API.
- 4) The frontend then displays the weather data to the user based on their preferences, such as temperature units and forecast duration.
- 5) The user can also view additional information such as humidity, wind speed, and precipitation probability.
- 6) The application can be used by individuals, businesses, and organizations for various purposes such as decision-making, logistics planning, and disaster response.

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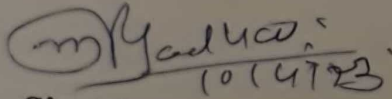
Miss/Shri. Sanket Santosh Dongre

has satisfactorily completed the course of practical in class. B.Sc Ty
paper. Open Weather Map Api Prescribed by the

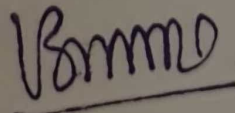
university/board in laboratory of A.E.S. College, Hingoli.

In the year 2022 to 2023

Date: 10/04/2023


Signature

Teacher Incharge



External

Examiner

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HINGOLI Dist. Hingoli.


Signature

Head, Department of
Head of Department
Computer Science
A.E.S. College, Hingoli

Internal

Examiner

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- ABSTRACT -

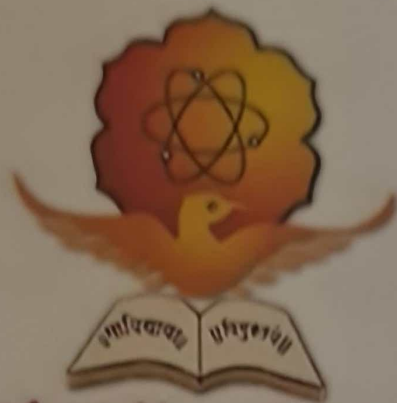
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Swami Ramanand Teerth
Marathwada University Nanded



स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नांदेड.

A

Project Report On

“Library Management System”

Submitted by

Sonali Govind Jangale

&

Aarti Ramesh Ingale

B.SC THIRD YEAR (2022-2023)

Under the guidance of

Mr. R.D Kene Sir

Miss. M.P Jadhav ma'am

Adarsh College Hingoli

Department Of Computer Science.

Project Report On
“Library Management System”

Submitted by

Sonali Govind Jangale

Aarti Ramesh Ingale

B.Sc TY semester VI (22-23)



DEPARTMENT OF COMPUTER SCIENCE

AADARSH EDUCATION SOCIETY ART'S,
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5022

Swami Ramanand Teeth Marathwada University,
Nanded

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Department of computer science

Certificate

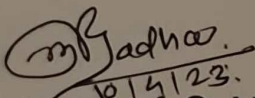
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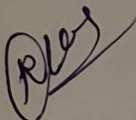
Master/Miss.Sanali.Jangale & Aarti.Ingale.

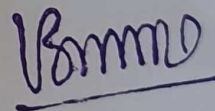
Has/her carried out the assignment work of major project
in B.Sc Third Year VIth semester as per syllabus of
SRTMUN Nanded , during the academic year 2022-2023

Date: / /2023

Place: Hingoli


Signature of Guide
Prof.Ms.Jadhav Ma'am.


Signature of HOD
Head, Department of
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Signature of principal
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ADARSH EDUCATION SOCIETY'S
Art's Commerce & Science College,
Dr.Vilas Aghav
HINGOLI Dist. Hingoli.

External Examiner

**Swami Ramanand Teerth Marathwada University,
Nanded - 431606, (M.H.) India.**



**Project Report On :
"ONLINE EXAMINATION SYSTEM"**

**Submitted By :
Mr. VIKAS PRAKASH GAYAKWAD
Mr. RAHUL PANDURANG LONIKAR
*BSc Third Year***

***Under the Guidance of :
Prof. M. P. Jadhav
Prof. R. D. Kene (HOD CS Department)***

**Submitted to
DEPARTMENT OF COMPUTER SCIENCE,
ADARSH EDUCATION SOCIETY'S
ARTS, COMMERCE & SCIENCE COLLEGE, HINGOLI**

Project Report on

“Online Examination System”

Submitted By :

Vikas Prakash Gayakwad

Rahul Pandurang Lonikar

B.Sc.(Batchelor of Science) Third Year

Under the Guidance of :

Prof. M. P. Jadhav

Prof. R. D. Kene (HOD CS Department)



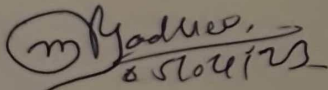


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College, Hingoli
Department Of Computer Science**

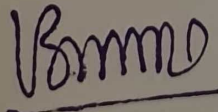
Certificate

This is to certify that the project entitled, **“Online Examination System”** Submitted to **Swami Ramanand Teerth Marathwada University, Nanded** during academic year **2022-2023** by **Vikas Prakash Gayakwad And Rahul Pandurang Lonikar** for the award of the degree **Bachelor of Science (B.Sc.) Computer Science** was carried out by him under my supervision in the Department of Computer Science, **Adarsh College, Hingoli**. This work was not previously submitted by him to this or any other University for the award of any Degree, Diploma, Associate ship or any other similar title.

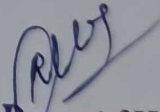
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Teacher In Charge



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**Head of Department
Computer Science
A.E.S. College, Hingoli.**

Principal

Examiner

COMPUTER SCIENCE PROJECT

On social networking site

By Rohan Chatse & pranav
Deshmukh



Swami Ramanand Teerth Marathwada University,
Nanded's

ADARSH EDUCATION SOCIETY

ARTS, COMMERCE AND SCIENCE, HINGOLI

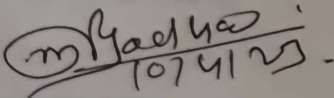
DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This Is To Certify That Mr. Rohan vishwanath chatse Are Has Carried Out The Major Project Work Of Entitled "social networking site" The Work Included In This Report Is Original And Has Been Submitted For BSC(CS) III YEAR Of Syllabus OF Swami Ramanand Teerth Marathwada University, Nanded's Durning Rhe Academic Year: 2022-2023

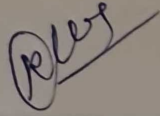
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Guided by

Prof. Ms, Jadhav

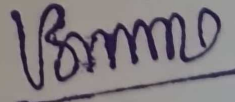


Head of Department of
Signature of HOD
Computer Science
Prof. R. D. Kene
A.E.S. College, Hingoli.

Principal

Dr. Vilas Aghav

External Examiner



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- HINGOLI Dist. Hingoli.

SYNOPSIS

TITLE OF PROJECT

("Social networking site")

TEAM MEMBERS

- 1) Rohan vishwanath chatse (5508)
- 2) Pranav deshमुख (5511)

INTRODUCTION

Our social networking site can be used to connect with your friends and family members on internet. We can able to share out photos with friends and they can like our photos. The system utilizes a user friendly interface that allow user to navigate throught application. We have to register by using our Email address the registration process will be state forward, with users providing basics information such as their name, email and password. After registration, users will be able to create a persionilized profile that includes a profile picture, bio and other relevant information.

The application will be developed using python programming language and for backend we use python's Django framework and for frontend we use Html,css,javascript and make use of lot of classes from bootstrap and this will utilize a sqlite database which comes along django web framework.