

ZEAL COLLEGE OF ENGINEERING AND RESEARCH

NARHE, PUNE-411041

2023-2024



CERTIFICATE

This is to certify that the project report entitled **“Unveiling Anomaly: Enhancing Video Surveillance”**

SUBMITTED BY

Radhesh Khaire

Roll No. B1411033

Amisha Sonone

Roll No. B1411071

Mokshad Antapurkar

Roll No. B1411002

Isha Tadas

Roll No. B1411072

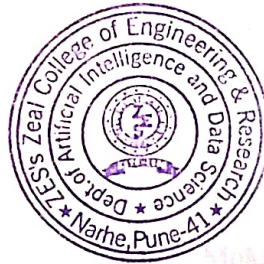
is a bonafide work carried out by them under the supervision of Prof. Dikshendra Sarpate and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University for the award of the Degree of Bachelor of Engineering (Artificial Intelligence and Data Science). This Project report has not been earlier submitted to any other Institute or University for the award of any degree or diploma.

Prof. Dikshendra Sarpate

Internal Guide

Dept of Artificial Intelligence

and Data Science



Prof. Dikshendra Sarpate

HOD
Dept. of Artificial Intelligence
and Data Science

Dept of Artificial Intelligence
& Research, Narhe, Pune-41.
and Data Science

External Examiner

Dr.A.M.Kate

Principal

Zeal College of Engg. and Research

Date:

Place: Pune



CERTIFICATE

This is to certify that the project report entitled

Indoor Campus Navigation System (ICNS)

SUBMITTED BY

Onkar Futane (B190532020)

Vaishnavi Narawade (B10532053)

Prateek Dhole (B190532018)

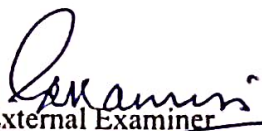
Hansika Bhandare (B190532006)

is a bonafide work carried out by them under the supervision of **Prof. Dikshendra Sarpate** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University for the award of the Degree of Bachelor of Engineering (Artificial Intelligence and Data Science). This Project report has not been earlier submitted to any other Institute or University for the award of any degree.

Prof. Dikshendra Sarpate

Internal Guide

Dept of Artificial Intelligence
and Data Science


External Examiner



Prof. Dikshendra Sarpate
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Head of Department
ZCOER Zeal College of Engineering
& Research, Narhe, Pune-41.
Dept. of Artificial Intelligence
and Data Science

Dr.A.M.Kate

Principal

Zeal College Of Engg. And Research

Date:

Place: Pune

ZEAL COLLEGE OF ENGINEERING AND RESEARCH

NARHE, PUNE-411041

2023-2024



CERTIFICATE

This is to certify that the project report entitled **“Walking and Survival of AI : A Simulation”**

SUBMITTED BY

Atharva Haldule

Roll No. B1411023

Rohit Malviya

Roll No. B1411045

Nandan Bharate

Roll No. B1411005

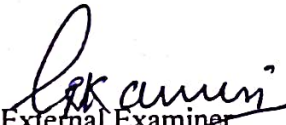
Makarand Vaydande

Roll No. B1411073

is a bonafide work carried out by them under the supervision of Prof. Smruti S. Vyavahare and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University for the award of the Degree of Bachelor of Engineering (Artificial Intelligence and Data Science). This Project report has not been earlier submitted to any other Institute or University for the award of any degree or diploma.

Prof. Smruti S. Vyavahare
(Internal Guide)
Dept of Artificial Intelligence
and Data Science




External Examiner

Prof. Dikshendra Sarpate
(Head of department)
Dept of Artificial Intelligence
and Data Science
ZES's Zeal College of Engineering
& Research, Narhe, Pune-41.

Dr.A.M.Kate

Principal

Date:

Place: Pune

Department of Artificial Intelligence and Data Science – Zeal College of Engineering and Research, Pune



CERTIFICATE

This is to certify that the project report entitled **"Emotion Recognition for Music Recommendation System"**

SUBMITTED BY

Mihir Vinod Bramhane
Suraj Ramesh Jawalkar
Amit Ashok Narute
Mayuri Mohan Jagtap

Seat No. B190532012
Seat No. B190532029
Seat No. B190532054
Seat No. B190532027

is a bonafide work carried out by them under the supervision of **Prof. Vishal Nayakwadi** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University for the award of the Degree of Bachelor of Engineering (Artificial Intelligence and Data Science). This Project report has not been earlier submitted to any other Institute or University for the award of any degree or diploma.

Prof. Vishal Nayakwadi

Internal Guide

Dept of Artificial Intelligence
and Data Science

External Examiner

Prof. Dikshendra Sarpathe

Head of department

Dept. of Artificial Intelligence
and Data Science
ZES's Zeal College of Engineering
& Research, Narhe, Pune-41.

Dr. A.M. Kate

Principal

Zeal College of Engineering & Research

Date :

Place : Pune

**CERTIFICATE**

This is to certify that the project report entitled "**SYNCFIT**"

SUBMITTED BY

Yash P Pawar

Roll No. B1411059

Aakash S Naralkar

Roll No. B1411050

Samarth S Chincholkar

Roll No. B1411012

Abhay V Rathod

Roll No. B1411063

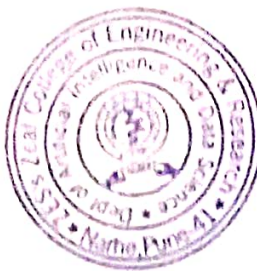
have successfully completed this work under the guidance of Prof. Dikshendra Sarpate, I hereby affirm that it meets the requirements of Savitribai Phule Pune University for the degree of Bachelor of Engineering (AI&DS).



Prof. Dikshendra Sarpate

Internal Guide


Prof.

External Examiner SPPU




Prof. Dikshendra Sarpate

HOD
Dept. head of department
and Data Science

**ZES's Zeal College of Engineering
& Research, Nashik, Pune-41.**

Dr.A.M.Kate

Principal ZCOER

Date:

Place: ZCOER, Pune.

NARHE, PUNE-411041

2023-2024

**CERTIFICATE**


This is to certify that the project report entitled **“SafeRouteGuard: Accident-AwareNavigation System”**

SUBMITTED BY

Omkar Someshwar Kondhalkar
Manish Mahesh Gadhave
Pranav Jitendra Rathod
Ayush Vasant Sherigar

Roll No. B1411038
Roll No. B1411019
Roll No. B1411064
Roll No. B1411068


is a bonafide work carried out by them under the supervision of **Prof. Anuja Garande** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University for the award of the Degree of Bachelor of Engineering(Artificial Intelligence and Data Science). This Project report has not been earlier submitted to any other Institute or University for the award of any degree or diploma.


Prof. Anuja Garande

Internal Guide
Dept of Artificial Intelligence
and Data Science


External Examiner




Prof. Dikshendra Sarnate
HOD
Dept of Artificial Intelligence
and Data Science
Head of Department
Dept of Artificial Intelligence
& Research, Narhe, Pune-41.
and Data Science

Dr.A.M.Kate
Principal
Zeal College Of Engg. and Research

Date: 28/05/2024

Place: Pune

Department of Artificial Intelligence and Data Science - Zeal College of Engineering and Research,
Pune - 2023-24

**CERTIFICATE**

This is to certify that the project report entitled "RideConnect: The Future OF Auto Driver Efficiency"

SUBMITTED BY

Dinesh Bendre

Roll No. B1411003

Girish Bhosale

Roll No. B1411006

Avdhoot Walunjkar

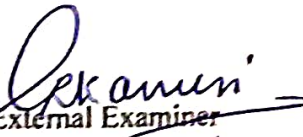
Roll No. B1411075

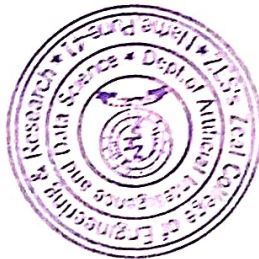
is a bonafide work carried out by them under the supervision of Prof. Gajanan Bhusare and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University for the award of the Degree of Bachelor of Engineering(Artificial Intelligence and Data Science). This Project report has not been earlier submitted to any other Institute or University for the award of any degree or diploma.


Prof. Gajanan Bhusare

Internal Guide

Dept of Artificial Intelligence
and Data Science


External Examiner




Prof. Dikshendra Sarpat

Head of department
Dept. of Artificial Intelligence
Dept of Artificial Intelligence
ZES's Zeal College of Engineering
& Research and Data Science 41.

Dr.A.M.Kate

Principal

Zeal College Of Eng. and Research

Date:

Place: Pune

Department of Artificial Intelligence and Data Science - Zeal College of Engineering and Research,
Pune - 2023-24



CERTIFICATE

This is to certify that the project report entitled **“Development of 3D Environment Using Virtual Reality”**

SUBMITTED BY

Divya Deore

Roll No. B1411014

Mitali Kamble

Roll No. B1411032


is a bonafide work carried out by them under the supervision of **Prof. Dikshendra Sarpate** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University for the award of the Degree of Bachelor of Engineering (Artificial Intelligence and Data Science). This Project report has not been earlier submitted to any other Institute or University for the award of any degree or diploma.

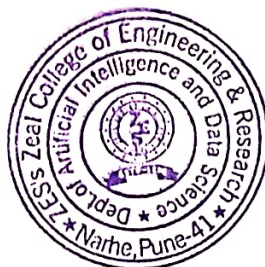

Prof. Dikshendra Sarpate

Internal Guide

Dept of Artificial Intelligence

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External Examiner




Prof. Dikshendra Sarpate

Head of department

Dept of Artificial Intelligence
and Data Science
ZES's Zeal College of Engineering
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Dr.A.M.Kate

Principal

Zeal College Of Eng. and Research

Date:

Place: Pune

NARHE, PUNE-411041

2023-2024

**CERTIFICATE**


This is to certify that the project report entitled **"Ai Fitness Trainer :Video Based Squat Analysis"**

SUBMITTED BY

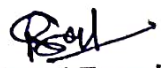
Kushank Patil
Rasika Deshmukh
Siddhi Gurav
Chaitanya Yadav

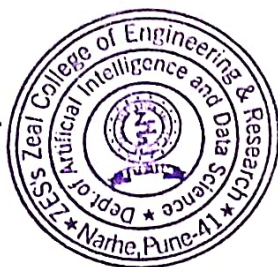
Roll No. B1411057
Roll No. B1411015
Roll No. B1411022
Roll No. B1411076


is a bonafide work carried out by them under the supervision of **Prof. Anuja Garande** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University for the award of the Degree of Bachelor of Engineering (Artificial Intelligence and Data Science). This Project report has not been earlier submitted to any other Institute or University for the award of any degree or diploma.


Prof. Anuja Garande

Internal Guide
Dept of Artificial Intelligence
and Data Science


External Examiner




Prof. Dikshendra Sarpate
HOD
Dept. of Artificial Intelligence
and Data Science
ZES's Zeal College of Engineering
& Research, Narhe, Pune-41.

Dr.A.M.Kate
Principal
Zeal College Of Engg. and Research

Date: 28/05/24.

Place: Pune

NARHE, PUNE-411041

2023-2024

**CERTIFICATE**

This is to certify that the project report entitled "**ON
APPLICATIONS OF BLOCKCHAIN FOR SECURE BANK
TRANSACTIONS**"

SUBMITTED BY

Shivam Patil
Gaurang Mhatre
Prathmesh Phadtre
Pratik Aher

Roll No. B190532058
Roll No. B190532050
Roll No. B190532061
Roll No. B190532001

is a bonafide work carried out by them under the supervision of **Prof. Anuja Garande** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University for the award of the Degree of Bachelor of Engineering(Artificial Intelligence and Data Science). This Project report has not been earlier submitted to any other Institute or University for the award of any degree or diploma.

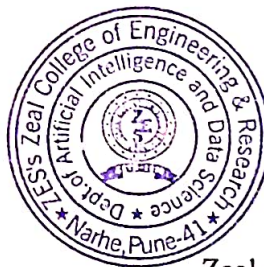
Prof. Anuja Garande

Internal Guide
Dept of Artificial Intelligence
and Data Science

External Examiner

Prof. Dikshendra Sarpate

Head of department
Dept of Artificial Intelligence
and Data Science



Dr.A.M.Kate
Principal
Zeal College Of Engg. and Research

Date: 28 / MAY / 2024

Place: Pune



CERTIFICATE

This is to certify that the project report entitles


**PRESCRIPTECH : ENHANCING HEALTHCARE ACCESS THROUGH GENERIC PRESCRIPTION
CONVERSION**

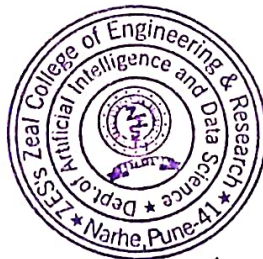
Submitted by

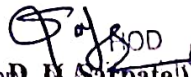
MANOJ VILAS GUJARE
SHUBHAM RAMCHANDRA JADHAV
RAKESH ANAND SHETTY


Exam No. : B190532049
Exam No. : B190532026
Exam No. : B190532067

Are a bonafide student of this institute and the work has been carried out by him/her under the supervision of Prof. D. D. Sarpate and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Engineering (AI & DS Engineering)**.


(Prof. D. D. Sarpate)
Guide
Department of AI & DS Engineering




(Prof. D. D. Sarpate)
Head of Department
Department of Artificial Intelligence
& Research, Narhe, Pune


(Prof. Dr. Ajit M. Kate)
External Examiner
SPPU

(Dr. Ajit M. Kate)
Principal,
Zeal College of Engineering &
Research, Pune-41

Place : Pune
Date :

ZEAL COLLEGE OF ENGINEERING AND RESEARCH

NARHE, PUNE-411041

2023-2024



CERTIFICATE

This is to certify that the project report entitled **“Deep Fake Detection Using Deep Learning”**

SUBMITTED BY

Abrar Ahmed Mungi
Shreyash Borkar
Shravani Mane
Kawnain Shaikh

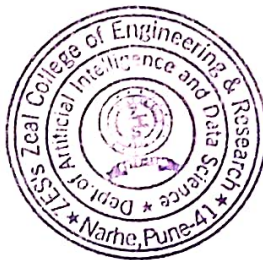
Seat No. B190532051
Seat No. B190532010
Seat No. B190532047
Seat No. B190532034

is a bonafide work carried out by them under the supervision of **Prof. Dikshendra Sarpate** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University for the award of the Degree of Bachelor of Engineering(Artificial Intelligence and Data Science). This Project report has not been earlier submitted to any other Institute or University for the award of any degree or diploma.

Prof. Dikshendra Sarpate

Internal Guide
Dept of Artificial Intelligence
Data Science

External Examiner



Prof. Dikshendra Sarpate

HOD
Dept. Head of department
Dept of Artificial Intelligence and
Data Science
Zeal College of Engineering
& Research, Narhe, Pune-41.

Dr.A.M.Kate
Principal
Zeal College Of Engg. and Research

Date:

Place: Pune

NARHE, PUNE-411041

2023-2024



CERTIFICATE

This is to certify that the project report entitled "Style-sync MACHINE LEARNING IN FASHION INDUSTRY"

SUBMITTED BY

Mugdha Borse

Roll No. B1411009

Prabhat Manna

Roll No. B1411047

This is a bonafide work carried out by them under the supervision of Prof. Dikshendra Sarpate and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University for the award of the Degree of Bachelor of Engineering (Artificial Intelligence and Data Science). This Project report has not been earlier submitted to any other Institute or University for the award of any degree or diploma.


Prof. Dikshendra Sarpate

Internal Guide

Dept of Artificial Intelligence
and Data Science

(Prof. )

External Examiner

SPPU


Prof. Dikshendra Sarpate

HOD

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ZES's Zeal College of Engineering
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Dept of Artificial Intelligence

and Data Science

(Dr. A. M. Kate)

Principal,

Zeal College of Engineering & Research, Pune-41

Place: Pune

Date

ZEAL COLLEGE OF ENGINEERING AND RESEARCH

NARHE, PUNE-411041

2023-2024


**CERTIFICATE**

This is to certify that the project report entitled **“Roadway Inspection System ”**

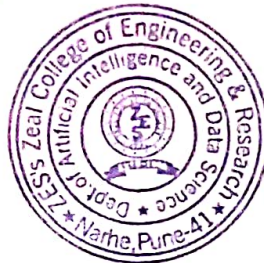
SUBMITTED BY

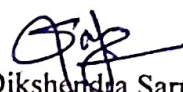
Suraj Lokhande	(B190532044)
Aditya Patil	(B190532057)
Aniket Kshirsagar	(B190532039)
Suraj Jorwar	(B190532030)

is a bonafide work carried out by them under the supervision of **Prof. Anuja S. Garande** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University for the award of the Degree of Bachelor of Engineering (Artificial Intelligence and Data Science). This Project report has not been earlier submitted to any other Institute or University for the award of any degree or diploma.


Prof. Anuja Garande
Internal Guide
Dept of AI and Data Science


External Examiner




Prof. Dikshendra Sarpat
Head of department
Dept of AI and Data Science
Dept. of Artificial Intelligence
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ZES's Zeal College of Engineering
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Dr.A.M.Kate
Principal
Zeal College Of Engg. and Research

Date:

Place: Pune

Department of Artificial Intelligence and Data Science - Zeal College of Engineering and Research,
Pune - 2023-24

NARHE, PUNE-411041

2023-2024



CERTIFICATE


This is to certify that the project report entitled **“Exploring the Efficacy of Generative Pretrained Transformers for Arithmetic Problem Solving: A Comparative Analysis.”**

SUBMITTED BY

Pawaskar Mohit Santosh

Roll No. B1411060

is a bonafide work carried out by them under the supervision of **Prof. Gajanan Bhusare** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University for the award of the Degree of Bachelor of Engineering (Artificial Intelligence and Data Science). This Project report has not been earlier submitted to any other Institute or University for the award of any degree or diploma.


Prof. Gajanan Bhusare

Internal Guide
Dept of Artificial Intelligence
and Data Science


External Examiner




Prof. Dikshendra Sarpathe

Head of Department
Dept of Artificial Intelligence
and Data Science
ZES's Zeal College of Engineering
& Research, Narhe, Pune-41.

Dr.A.M.Kate
Principal
Zeal College Of Engg. and Research

Date:

Place: Pune

2023-2024

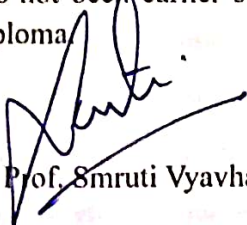


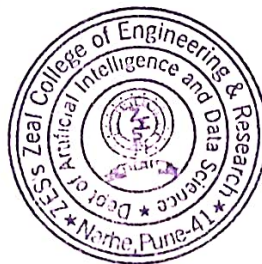
CERTIFICATE


This is to certify that the project report entitled “**DETECTING CARDIAC AND RESPIRATORY DISEASES FROM HEART AND LUNG AUSCULTATION SOUNDS**”
SUBMITTED BY

Shubham Lingayat	B1411040
Prathmesh Lohar	B1411041
Tejas Sawant	B1411065
Sujal Khopade	B1411034

is a bonafide work carried out by them under the supervision of **Prof. Smruti Vyavhare** and it is approved for the partial fulfilment of the requirement of Savitribai Phule Pune University for the award of the Degree of Bachelor of Engineering (Artificial Intelligence and Data Science). This Project report has not been earlier submitted to any other Institute or University for the award of any degree or diploma.


Prof. Smruti Vyavhare
Internal Guide
Dept of AI & DS




Prof. Dikshendra Sarpate
Dept. of Artificial Intelligence
Head of department
ZES's Zeal College of Engineering
& Research, Narhe, Pune-41.
Dept of AI & DS


External Examiner

Dr. A. M. Kate
Principal

ZCOER Pune-411041

Date:
Place: Pune



CERTIFICATE

This is to certify that the project report entitled “**AI ENHANCED SKILL MATCHER**”

SUBMITTED BY

Prarthana Kolhe

Roll No. B1411036

Srushti Kalbhor

Roll No. B1411031

Sanchi Yehalegaonkar

Roll No. B1411073

is a bonafide work carried out by them under the supervision of **Prof. Dikshendra Sarpate** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University for the award of the Degree of Bachelor of Engineering (Artificial Intelligence and Data Science). This Project report has not been earlier submitted to any other Institute or University for the award of any degree or diploma.

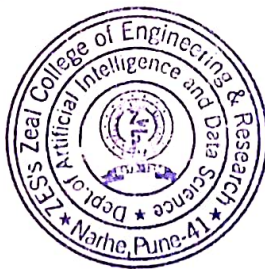
Prof. Dikshendra Sarpate

Internal Guide

Dept of Artificial Intelligence

and Data Science

External Examiner



Prof. Dikshendra Sarpate

HOD

Dept. Head of department
and Data Science

Dept. ZES's Zeal College of Engineering
& Research, Narhe, Pune-41.

and Data Science

Dr.A.M.Kate

Principal

Zeal College Of Engg. and Research

Date: 28/05/24

Place: Pune

Department of Artificial Intelligence and Data Science - Zeal College of Engineering and Research,
Pune - 2023-24

**CERTIFICATE**

This is to certify that the project report entitled **"Enhancing Cognitive Abilities Of A Child Using AI"** SUBMITTED BY

Aakash Dabhade

Roll No. B1411013

Jagruti Gade

Roll No. B1411018

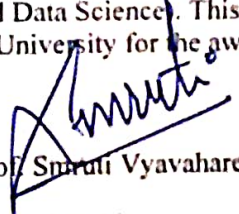
Prathamesh Koli

Roll No. B1411037

Devika Pagare

Roll No. B1411054

is a bonafide work carried out by them under the supervision of **Prof. Smruti Vyavahare** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University for the award of the Degree of Bachelor of Engineering (Artificial Intelligence and Data Science). This Project report has not been earlier submitted to any other Institute or University for the award of any degree or diploma.


Prof. Smruti Vyavahare

Internal Guide

Dept of Artificial Intelligence

and Data Science


External Examiner
Prof. Dikshendra Sarpat

Head of department

Dept of Artificial Intelligence

and Data Science

Dr.A.M.Kate

Principal

Zeal College Of Engg. and Research

Date:

Place: Pune

Department of Artificial Intelligence and Data Science - Zeal College of Engineering and Research,
Pune - 2023-24



CERTIFICATE


This is to certify that the work embodied in this Project Report entitled

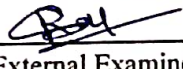
“Self-Driving Car”

Submitted by:

FATRU SHAIKH	Roll No. B1411066
HRISHKESH BHUJBAL	Roll No. B1411007
ASHIKA JAIN	Roll No. B1411028
PRIYA LOKHANDE	Roll No. B1411042

are bonafide students of this institute, and the work has been carried out by them under the supervision of **Prof. Dikshendra Sarpate**, and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University for the award of **Bachelor of Engineering (AI & DS ENGINEERING)**

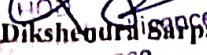

(Prof. Shamal Patil)
Project Guide
Department of AI & DS Engineering

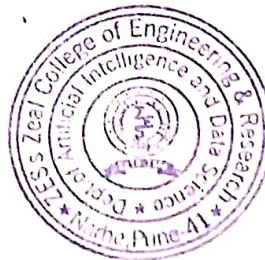
(Prof. )
External Examiner
SPPU

(Dr. A. M. Kate)
Principal
Zeal College of Engineering & Research, Pune-41

Place: Pune

Date: 28/05/2024


(Prof. Dikshendra Sarpate)
Dep. Head of AI & DS Department
of Engineering
ZES's Zeal College of Engineering
& Research, Pune-41.



NARHE, PUNE-411041

2023-2024



CERTIFICATE

This is to certify that the project report entitled “Study of violence against women and its characteristics using application of data mining techniques”

SUBMITTED BY

Ganesh Ravsaheb Nehe

Seat No. B190532055


Manish Madhukar Chaudhari

Seat No. B190532013

Sonali Sanjay Powar

Seat No. B190532062

is a bonafide work carried out by them under the supervision of Prof. Vishal Nayakwadi and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University for the award of the Degree of Bachelor of Engineering (Artificial Intelligence and Data Science). This Project report has not been earlier submitted to any other Institute or University for the award of any degree or diploma.

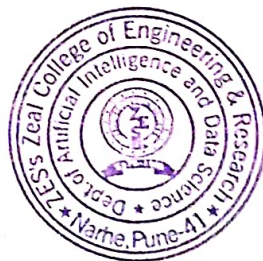

Prof. Vishal Nayakwadi


Internal Guide

Dept of Artificial Intelligence

and Data Science


External Examiner




Prof. Dikshendra Sarpat
Dept. of Artificial Intelligence
Head of Department
ZES's Zeal College of Engineering
& Research, Narhe, Pune-41

Dept. of Artificial Intelligence

and Data Science

Dr.A.M.Kate

Principal

Zeal College Of Engineering

And Research, Pune

Date: 28-6-29

Place: Pune

**CERTIFICATE**

This is to certify that the project report entitled "JARVIS : An Artificial Intelligence Based Assistant"

SUBMITTED BY

Jay Madehetti

Roll No. B1411044

Kaushik Patil

Roll No. B1411056

is a bonafide work carried out by them under the supervision of **Prof. Gajanan Bhusare** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University for the award of the Degree of Bachelor of Engineering(Artificial Intelligence and Data Science). This Project report has not been earlier submitted to any other Institute or University for the award of any degree or diploma.

Prof. Gajanan Bhusare

Internal Guide

Dept of Artificial Intelligence

and Data Science


External Examiner


Prof. Dikshendra Sarpathe

HOD

**Dept. of Artificial Intelligence
and Data Science**

**ZES's Zeal College of Engineering
& Research, Narhe, Pune-41.**

and Data Science



Dr.A.M.Kate

Principal

Zeal College Of Engg. and Research

Date:

Place: Pune

ACKNOWLEDGEMENT



CERTIFICATE

This is to certify that the project report entitled **"FuriousAI: AI Based Web Application"**

SUBMITTED BY

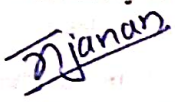
Avinash Hubale

Roll No. B1411024

Aaditya Wadodkar

Roll No. B1411074

is a bonafide work carried out by them under the supervision of **Prof. Gajanan Bhusare** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University for the award of the Degree of Bachelor of Engineering (Artificial Intelligence and Data Science). This Project report has not been earlier submitted to any other Institute or University for the award of any degree or diploma.

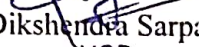

Prof. Gajanan Bhusare

Internal Guide

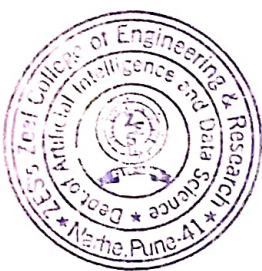
Dept of Artificial Intelligence

and Data Science


External Examiner


Prof. Dikshendra Sarpat
HOD

Dept of Artificial Intelligence
and Data Science


ZESs Zeal College of Engineering
& Research, Narhe, Pune-41.

and Data Science

Dr.A.M.Kate

Principal

Zeal College Of Engg. and Research

Date:

Place: Pune

CERTIFICATE



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ZEAL COLLEGE OF ENGINEERING & RESEARCH, PUNE **DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE** **CERTIFICATE OF INTERNSHIP**

This is to certify that Mr/Ms ADHIKARI RUGVED SUHIL student of Third year,
Roll No. T1411001, Department of AI & DS, has successfully completed In-house internship program on Data

Visualization with specialization in Tableau, He/She Created Dashboard on the project


Topic FIFA WORLD CUP ANALYSIS conducted by Department of

Artificial Intelligence and Data Science, Zeal college of Engineering and Research Narhe Pune for the period

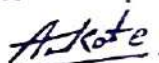
15-Jan 2024 to 22-April 2024.

During the Internship He/She gained proficiency in the following areas related to Tableau

- Introduction to Tableau
- Dashboard Creation
- Data Visualization Techniques
- Advanced Tableau Features


Ms. Shubhangi Ingale
Tableau Developer


Prof. Dikshendra Sarpate
HOD


Dr. Ajit M. Kate
Principal



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DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

CERTIFICATE OF INTERNSHIP


This is to certify that Mr/Ms SHIVAM MAHESH AWASARE student of Third year,
Roll No. 4, Department of AI & DS, has successfully completed In-house internship program on Data
Visualization with specialization in Tableau, He/She Created Dashboard on the project
Topic ANIME DATABASE ANALYSIS conducted by Department of
Artificial Intelligence and Data Science, Zeal college of Engineering and Research Narhe Pune for the period
15-Jan 2024 to 22-April 2024.

During the Internship He/She gained proficiency in the following areas related to Tableau

- Introduction to Tableau
- Dashboard Creation
- Data Visualization Techniques
- Advanced Tableau Features


Ms. Shubhangi Ingale
Tableau Developer


Prof. Dikshendra Sarpate
HOD


Dr. Ajit M. Kate
Principal



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DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

CERTIFICATE OF INTERNSHIP


This is to certify that Mr/Ms PIYUSH BHARAMBE student of Third year,
Roll No. 7, Department of AI & DS, has successfully completed In-house internship program on Data
Visualization with specialization in Tableau, He/She Created Dashboard on the project
Topic GOOGLE PLAYSTORE ANALYSIS conducted by Department of
Artificial Intelligence and Data Science, Zeal college of Engineering and Research Narhe Pune for the period
15-Jan 2024 to 22-April 2024.

During the Internship He/She gained proficiency in the following areas related to Tableau

- Introduction to Tableau
- Dashboard Creation
- Data Visualization Techniques
- Advanced Tableau Features


Ms. Shubhangi Ingale
Tableau Developer


Prof. Dikshendra Sarpate
HOD


Dr. Ajit M. Kate
Principal

INTERNSHIP COMPLETION CERTIFICATE



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ZEAL COLLEGE OF ENGINEERING & RESEARCH, PUNE DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE CERTIFICATE OF INTERNSHIP

This is to certify that Mr/Ms. BHARGNE TEJAS ARUN student of Third year,
Roll No. 8, Department of AI & DS, has successfully completed In-house internship program on Data
Visualization with specialization in Tableau, He/She Created Dashboard on the project
Topic AIR BNB DATA ANALYSIS conducted by Department of
Artificial Intelligence and Data Science, Zeal college of Engineering and Research Narhe Pune for the period
15-Jan 2024 to 22-April 2024.

During the Internship He/She gained proficiency in the following areas related to Tableau

- Introduction to Tableau
- Dashboard Creation
- Data Visualization Techniques
- Advanced Tableau Features


Ms. Shubhangi Ingale
Tableau Developer


Prof. Dikshendra Sarpathe
HOD


Dr. Ajit M. Kate
Principal



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DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

CERTIFICATE OF INTERNSHIP


This is to certify that Mr/Ms BHOR TEJAS ONYANESHWAR student of Third year,
Roll No. 9, Department of AI & DS, has successfully completed In-house internship program on Data
Visualization with specialization in Tableau, He/She Created Dashboard on the project
Topic COVID-19 ANALYSIS conducted by Department of
Artificial Intelligence and Data Science, Zeal college of Engineering and Research Narhe Pune for the period
15-Jan 2024 to 22-April 2024.

During the Internship He/She gained proficiency in the following areas related to Tableau

- Introduction to Tableau
- Data Visualization Techniques
- Dashboard Creation
- Advanced Tableau Features


Ms. Shubhangi Ingale
Tableau Developer


Prof. Dikshendra Sarpate
HOD


Dr. Ajit M. Kate
Principal



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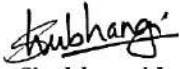
DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

CERTIFICATE OF INTERNSHIP


This is to certify that Mr/Ms CHIKHALE VIRAJ SUHAS student of Third year,
Roll No. 10, Department of AI & DS, has successfully completed In-house internship program on Data
Visualization with specialization in Tableau, He/She Created Dashboard on the project
Topic AMAZON SALES conducted by Department of
Artificial Intelligence and Data Science, Zeal college of Engineering and Research Narhe Pune for the period
15-Jan 2024 to 22-April 2024.

During the Internship He/She gained proficiency in the following areas related to Tableau

- Introduction to Tableau
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- Data Visualization Techniques
- Advanced Tableau Features


Ms. Shubhangi Ingale
Tableau Developer


Prof. Dikshendra Sarpat
HOD


Dr. Ajit M. Kate
Principal

CERTIFICATE



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This is to certify that Mr/Ms CHOUDHARI SUMEDH MITIN student of Third year,
Roll No. U411011, Department of AI & DS, has successfully completed In-house internship program on Data
Visualization with specialization in Tableau, He/She Created Dashboard on the project
Topic FIFA WORLD CUP ANALYSIS conducted by Department of
Artificial Intelligence and Data Science, Zeal college of Engineering and Research Narhe Pune for the period
15-Jan 2024 to 22-April 2024.

During the Internship He/She gained proficiency in the following areas related to Tableau

- Introduction to Tableau
- Dashboard Creation
- Data Visualization Techniques
- Advanced Tableau Features


Ms. Shubhangi Ingale
Tableau Developer


Prof. Diksha Sarpat
HOD


Dr. Ajit M. Kate
Principal

Internship Completion Certificate

CIN: PIT/FEB24/1984

CERTIFICATE OF COMPLETION

06/03/2024

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Aaditya Sandeep Dalvi

for successfully completing a 1-month internship from 1st February, 2024 to 29th February, 2024 in Data Science with outstanding remarks at Prodigy InfoTech.



MSME
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES
GOVT. OF INDIA



contact@prodigyinfotech.dev



prodigyinfotech.dev

Internship Offer Letter



महाराष्ट्र शासन
(गृह विभाग)



प्रादेशिक न्यायसाक्ष्यिक वैज्ञानिक प्रयोगशाला, पुणे
REGIONAL FORENSIC SCIENCE LABORATORY, PUNE
गणेशखिंड, राजभवन समीप, पुणे - ४११ ००७
GANESHKHIND, OPP. RAJBHAVAN, PUNE - 411 007.
दूरध्वनी क्र. ०२०- २५६५४७७२/२५६६७३२२
Tel : 020-25654772, 020- 25667322
Email Id : dydir.rfs/pune@maharashtra.gov.in



संज्ञक/No:- P/O-35/2024,

दिनांक/Date :-
29/04/2024,



-:CERTIFICATE:-

This is to certify that Ms. Jui Madhav Deshpande had completed her internship from Regional Forensic Science Laboratory, Pune in Cyber Forensic and Tape authentication and Speaker identification on (TASI) Division successfully. During her internship she learned different techniques in Cyber Forensic and TASI Division. This certificate is awarded for her outstanding completion of the internship program.

(C. S. Kamat)

Deputy Director
Regional Forensic Science Laboratory,
Hade Daps, Dist. of Maharashtra, Pune-41



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DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

CERTIFICATE OF INTERNSHIP


This is to certify that Mr/Ms SUDHANSHU DIXIT student of Third year,
Roll No. 17, Department of AI & DS, has successfully completed In-house internship program on Data
Visualization with specialization in Tableau, He/She Created Dashboard on the project
Topic GOOGLE PLAYSTORE ANALYSIS conducted by Department of
Artificial Intelligence and Data Science, Zeal college of Engineering and Research Narhe Pune for the period
15-Jan 2024 to 22-April 2024.

During the Internship He/She gained proficiency in the following areas related to Tableau

- Introduction to Tableau
- Dashboard Creation
- Data Visualization Techniques
- Advanced Tableau Features


Ms. Shubhangi Ingale
Tableau Developer


Prof. Dikshendra Sarpate
HOD


Dr. Ajit M. Kate
Principal

Internship Completion Certificate



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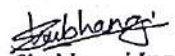


ZEAL COLLEGE OF ENGINEERING & RESEARCH, PUNE DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE CERTIFICATE OF INTERNSHIP


This is to certify that Mr/Ms SHIVANI GADHAVE student of Third year,
Roll No. 18, Department of AI & DS, has successfully completed In-house internship program on Data
Visualization with specialization in Tableau, He/She Created Dashboard on the project
Topic HR ANALYTICS conducted by Department of
Artificial Intelligence and Data Science, Zeal college of Engineering and Research Narhe Pune for the period
15-Jan 2024 to 22-April 2024.

During the Internship He/She gained proficiency in the following areas related to Tableau

- Introduction to Tableau
- Dashboard Creation
- Data Visualization Techniques
- Advanced Tableau Features


Ms. Shubhangi Ingale
Tableau Developer


Prof. Dikshendra Sarpate
HOD


Dr. Ajit M. Kate
Principal

INTERNSHIP CERTIFICATE



CERTIFICATE OF INTERNSHIP

Presenting the certificate to

Shubham Bhausahel



This certificate is awarded in recognition of their successful completion of an internship with Compozent from
06-03-2024 to 06-04-2024 as DevOps Intern.

During the time with us, the intern has shown a great level of initiative, dedication, and willingness to learn, contributing positively to the overall team and the projects were involved in. We are grateful for the contributions made during their internship, and we wish them all the best in their future endeavors.



Luja Swain
HR Manager

LLPIN - ABZ-7693

Internship Offer Letter

CERTIFICATE OF COMPLETION

15/1/2024

This certificate is proudly presented to

ADITI GURUNATH HALKE

for successful completion of **1 month AICTE OIB-SIP
internship in Java Development**
from **10/12/2023 to 15/1/2024**

with wonderful remarks at **OASIS INFOBYTE**

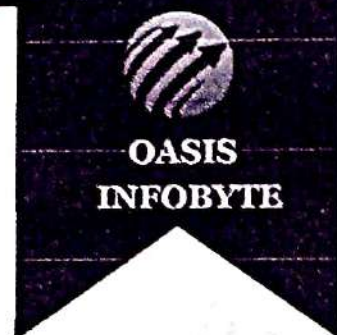
contact@oasisinfobyte.in

Anish Chaudhary
Program Coordinator

www.oasisinfobyte.com



OIB ID 1/P630



Internship Offer Letter



PRODIGY INFOTECH

INTERNSHIP OFFER LETTER

Date: 31/12/2023

CIN: PIT/JAN24/3224

Dear Manasi Manohar Humbre,

We are pleased to offer you the position of **Data Science Intern** at **Prodigy InfoTech**. This is an educational internship. As a valued member of our team, you will have the opportunity to gain hands-on experience in this field.

The internship is scheduled to commence on the **1st January, 24** and will conclude on the **31st January, 24**, resulting in a one-month duration for the program.

By accepting this offer, you acknowledge that you understand participation in this program is not an offer of employment, and successful completion of the program does not entitle you to an employment offer from Prodigy InfoTech.

You also agree that you will follow all of the company's policies that apply to non-employee interns. This letter constitutes the complete understanding between you and the company regarding your internship and supersedes all prior discussions or agreements. This letter may only be modified by a written agreement signed by both of us.

We eagerly anticipate your commencement of the internship program at Prodigy InfoTech and extend our best wishes for a prosperous experience.

Sincerely,

Prodigy InfoTech



Email
contact@prodigyinfotech.dev



Website
prodigyinfotech.dev





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ZEAL COLLEGE OF ENGINEERING & RESEARCH, PUNE


DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

CERTIFICATE OF INTERNSHIP

This is to certify that Mr/Ms MADHURA INGOLE student of Third year,
Roll No. 22, Department of AI & DS, has successfully completed In-house internship program on Data
Visualization with specialization in Tableau, He/She Created Dashboard on the project
Topic GOOGLE PLAYSTORE ANALYSIS conducted by Department of
Artificial Intelligence and Data Science, Zeal college of Engineering and Research Narhe Pune for the period
15-Jan 2024 to 22-April 2024.

During the Internship He/She gained proficiency in the following areas related to Tableau

- Introduction to Tableau
- Dashboard Creation
- Data Visualization Techniques
- Advanced Tableau Features


Ms. Shubhangi Ingale
Tableau Developer


Prof. Dikshendra Sarpat
HOD


Dr. Ajit M. Kate
Principal



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ZEAL COLLEGE OF ENGINEERING & RESEARCH, PUNE

DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

CERTIFICATE OF INTERNSHIP

This is to certify that Mr/Ms ANUSHKA SUDHIR JADHAV student of Third year,
Roll No. 23, Department of AI & DS, has successfully completed In-house internship program on Data
Visualization with specialization in Tableau, He/She Created Dashboard on the project
Topic CUSTOMER COMPLAINTS ANALYSIS conducted by Department of
Artificial Intelligence and Data Science, Zeal college of Engineering and Research Narhe Pune for the period
15-Jan 2024 to 22-April 2024.

During the Internship He/She gained proficiency in the following areas related to Tableau

- Introduction to Tableau
- Dashboard Creation
- Data Visualization Techniques
- Advanced Tableau Features

Shubhangi

Ms. Shubhangi Ingale
Tableau Developer

Diksha

Prof. Dikshendra Sarpate
HOD

A. Kate

Dr. Ajit M. Kate
Principal

Internship Certificate



PRODIGY INFOTECH

INTERNSHIP OFFER LETTER

Date: 25/03/2024

CIN: PIT/APRIL 24/0198

Dear Omkar Hindurao Jadhav,

We are pleased to offer you the position of **Data Science Intern** at **Prodigy InfoTech**. This is an educational internship. As a valued member of our team, you will have the opportunity to gain hands-on experience in this field.

The internship is scheduled to commence on the **1st April, 2024** and will conclude on the **30th april, 2024**, resulting in a one-month duration for the program.

By accepting this offer, you acknowledge that you understand participation in this program is not an offer of employment, and successful completion of the program does not entitle you to an employment offer from Prodigy InfoTech.

You also agree that you will follow all of the company's policies that apply to non-employee interns. This letter constitutes the complete understanding between you and the company regarding your internship and supersedes all prior discussions or agreements. This letter may only be modified by a written agreement signed by both of us.

We eagerly anticipate your commencement of the internship program at Prodigy InfoTech and extend our best wishes for a prosperous experience.

Sincerely,

Prodigy InfoTech



contact@prodigyinfotech.devg
Email



prodigyinfotech.devg
Website



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GOVERNMENT OF INDIA

INTERNSHIP CERTIFICATE



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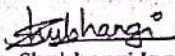


ZEAL COLLEGE OF ENGINEERING & RESEARCH, PUNE DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE CERTIFICATE OF INTERNSHIP

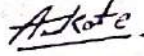
This is to certify that Mr/Ms JADHAV SUMIT SANTOSH student of Third year,
Roll No. 25 Department of AI & DS, has successfully completed In-house internship program on Data
Visualization with specialization in Tableau, He/She Created Dashboard on the project
Topic FINANCIAL COMPLAINTS conducted by Department of
Artificial Intelligence and Data Science, Zeal college of Engineering and Research Narhe Pune for the period
15-Jan 2024 to 22-April 2024.

During the Internship He/She gained proficiency in the following areas related to Tableau

- Introduction to Tableau
- Dashboard Creation
- Data Visualization Techniques
- Advanced Tableau Features


Ms. Shubhangi Ingale
Tableau Developer


Prof. Dikshendra Sarpat
HOD


Dr. Ajit M. Kate
Principal



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ZEAL COLLEGE OF ENGINEERING & RESEARCH, PUNE


DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE


CERTIFICATE OF INTERNSHIP


This is to certify that Mr/Ms JORI ATHARV SANTOSH student of Third year,
Roll No. 28, Department of AI & DS, has successfully completed In-house internship program on Data
Visualization with specialization in Tableau, He/She Created Dashboard on the project
Topic AMAZON SALES conducted by Department of
Artificial Intelligence and Data Science, Zeal college of Engineering and Research Narhe Pune for the period
15-Jan 2024 to 22-April 2024.

During the Internship He/She gained proficiency in the following areas related to Tableau

- Introduction to Tableau
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- Data Visualization Techniques
- Advanced Tableau Features


Ms. Shubhangi Ingale
Tableau Developer


Prof. Dikshendra Sarpate
HOD


Dr. Ajit M. Kate
Principal

INTERNSHIP COMPLETION CERTIFICATE



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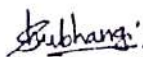


ZEAL COLLEGE OF ENGINEERING & RESEARCH, PUNE DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE CERTIFICATE OF INTERNSHIP

This is to certify that Mr/Ms. VISHNU KADE student of Third year,
Roll No. 29, Department of AI & DS, has successfully completed In-house internship program on Data
Visualization with specialization in Tableau, He/She Created Dashboard on the project
Topic AIRBNB- NYC conducted by Department of
Artificial Intelligence and Data Science, Zeal college of Engineering and Research Narhe Pune for the period
15-Jan 2024 to 22-April 2024.

During the Internship He/She gained proficiency in the following areas related to Tableau

- Introduction to Tableau
- Dashboard Creation
- Data Visualization Techniques
- Advanced Tableau Features


Ms. Shubhangi Ingale
Tableau Developer


Prof. Dilshada Sarpate
HOD


Dr. Ajit M. Kate
Principal



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NARHE | PUNE -41 | INDIA**



Record No.: ZCOER-ACAD/R/15

Revision: 00

Date: 01/04/2021

Project Based Learning II

Department: AI & DS

Semester: II

Academic Year: 2023 -2024

Class : SE

Div : A

Group ID	Roll No.	Name of Student	Marks	Title of Project	Guide Name
1	S1411005	Janhavi Bane	37	Bus Tracking System using AI	Prof. Gajanan Bhusare
	S1411008	Shravani Bhosle	37		
	S1411013	Shivani Doke	36		
	S1411015	Pratiksha Gaikwad	35		
2	S1411004	Dhanshri Bajare	42	Pothole Detection using image processing	Prof. Gajanan Bhusare
	S1411011	Shravni Dakle	38		
	S1411019	Anushka Gunjal	40		
	S1411023	Vaishnavi Jadhav	39		
3	S1411007	Samyak Bhongade	35	Crop Recommendation System	Prof. Vishal Nayakwadi
	S1411020	Amar Jadhao	25		
	S1411024	Yash Jagtap	35		
4	S1411012	Satvik Doke	34	Hospital Management System	Prof. Smruti Vyavhare
	S1411025	Abhishek Jivrakh	25		
	S1411001	Kalpesh Ahire	25		
	S1411022	Raj Jadhav	25		
5	S1411006	Bathe Kranti Ashok	25	Body Mass Index calculator (BMI)	Prof. Anuja Garande
	S1411018	Ghadge Manasi Tanaji	35		
6	S1411016	Gawali Gaurav Ajit	25	Library Management System	Prof. Smruti Vyavhare
	S1411021	Jadhav Pratik Prakash	25		
	S1411010	Dahiwalkar Sarthak Suresh	25		
	S1411017	Gawande Rohan Sunil	32		
	S1411009	Bombe Shubham Sanjay	30		



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7	S1411034	Tejas Kawale	35	Multiple Disease Prediction (Heart, Diabetes, Parkinson's Disease)	Prof. Vishal Nayakwadi
	S1411043	Uday Mehṭa	36		
	S1411045	Piyush Nile	40		
	S1411046	Sahil Padwal	40		
8	S1411032	Kashyap Kamble	34	AI Gun	Prof. Shweta Kakde
	S1411037	Aadesh Lawande	38		
	S1411057	Stavan Shere	36		
9	S1411042	Aditi Marathe	45	Real-time parking spot monitoring system.	Prof. Gajanan Bhusare
	S1411041	Arya Mandhare	45		
	S1411029	Anushka Kale	35		
	S1411028	Kadu Shravani Sunil	25		
10	S1411030	Mayuri kale	39	Product price comparison System	Prof. Shweta Kakde
	S1411038	Arya Lonari	39		
	S1411039	Vaibhavi Mahalle	38		
	S1411048	Garima Patil	42		
11	S1411026	Girish Joshi	38	Health-Hub Data Management System	Prof. Shweta Kakde
	S1411033	Parth Karegaonkar	30		
	S1411036	Kirad Rushabh Rajesh	42		
12	S1411047	Aditya Patil	26	Emotion Recognition From Facial Expression	Prof. Anuja Garande
	S1411035	Piyush Khachane	38		
	S1411049	Hrishikesh Patil	39		
	S1411031	Kale Ojvardhan Narayan	25		
13	S1411040	Pratik Mali	40	Used Car Price Predication & Analysis	Prof. Smruti Vyavhare
	S1411044	Pranishraj Nigade	36		
	S1411027	Satyam Kadam	33		
14	S1411072	Samiksha Battul	38	Shape And Size Detection	Prof. Gajanan Bhusare
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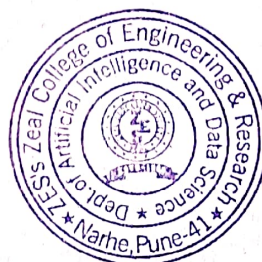
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15	S1411060	Lokesh Sutar	39	Virtual Mouse.	Prof. Shweta Kakde
	S1411068	Prasad Zade	38		
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16	S1411054	Arati Sathe	45	Image Classification - Fashion MNIST	Prof. Gajanan Bhusare
	S1411056	Srushti Sawant	45		
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	S1411055	Riddhi Sathe	40		
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17	S1411053	Salunkhe Saurabh Jitendra	40	Hand Writing Recognition	Prof. Gajanan Bhusare
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18	S1411063	Rohan Thite	43	AI Based Crop Disease Detection	Prof. Shweta Kakde
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19	S1411069	Jaiswal Suraj Hiranman	45	Game Points Exchange	Prof. Gajanan Bhusare
20	S1411052	Sanskar Sahane	33	Worker Recommendation System	Prof. Anuja Garande
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21	S1411062	Thakur Jignesh Shailesh	00	Helmet Detection	Prof. Anuja Garande
	S1411065	Wagh Lalit Suresh	00		
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Academic Coordinator



Head of the Department

HOD

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