

**"DISSEMINATION OF EDUCATION FOR KNOWLEDGE,
SCIENCE AND CULTURE"**

- SHIKSHANMAHARSHI Dr. BAPUJI SALUNKHE



(स्वावल) कोल्हापूर

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**SHRI SWAMI VIVEKANAND SHIKSHAN SANSTHA'S
VIVEKANAND COLLEGE, KOLHAPUR
(AN EMPOWERED AUTONOMOUS INSTITUTE)**

**"SPORTS PERFORMANCE PREDICTION
USING MACHINE LEARNING"**

**DISSERTATION SUBMITTED BY
Miss. SHLOKA SHRIPATI SHINDE**

FOR THE AWARD OF DEGREE

M.Sc.

COMPUTER SCIENCE

UNDER THE GUIDANCE OF

Dr. I. K. MUJAWAR

(DEPARTMENT OF COMPUTER SCIENCE)

YEAR 2025-2026

"Dissemination of Education for Knowledge, Science and Culture"

- Shikshanmaharshi Dr. Bapuji Salunkhe



Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur

(An Empowered Autonomous Institute)

**" Sports Performance Prediction
Using Machine Learning "**

Dissertation Submitted By

Miss. Shloka Shripati Shinde

For the Award of Degree

M.Sc.

in

Computer Science

UNDER THE GUIDANCE OF

Dr. I. K. Mujawar

(Department of Computer Science)

Year 2025-2026

Shri Swami Vivekanand Shikshan Sanstha's



Vivekanand College, Kolhapur

(An Empowered Autonomous Institute)

Department of Computer Science

CERTIFICATE

This is to certify that the work incorporated in the thesis entitled "**Sports Performance Prediction Using Machine Learning**", submitted to Shivaji University by **Miss. Shloka Shripati Shinde** for the award of the degree of M.Sc. in the subject of Computer Science was carried out by her under my supervision in the Department of Computer Science, Vivekanand College, Kolhapur (An Empowered Autonomous Institute). This work was not submitted by her to this, or any other University for the award of any Degree, Diploma or any other similar title.

Place: Kolhapur

Date: 24 / 4 /2026

Dr. I. K. Mujawar

Research Guide

DECLARATION

I hereby declare that the present research work in the form of a thesis entitled "**Sports Performance Prediction Using Machine Learning**", is an original work carried out by me under the guidance of Dr. I. K. Mujawar, Department of Computer Science, for the submission of Degree in M.Sc. Computer Science to Shivaji University Kolhapur.

I further declare that to the best of my knowledge, the thesis does not contain any part of any work, which has been submitted for the award of any Degree, either in the University or any other University /Deemed University without proper citation.

I further declare that the material referred from other sources has been duly acknowledged in the thesis.

Date: 24/ 4 /2026

Place: Kolhapur



Miss.Shloka Shripati Shinde

Research Student

ACKNOWLEDGEMENT

I would like to express my sincere gratitude to my research guide, Dr. I. K. Mujawar, for his constant guidance, encouragement, and valuable suggestions throughout the course of this study. His support, patience, and insightful feedback played a crucial role in the successful completion of this work.

I take this opportunity to express my genuine gratitude to the Head of the Department, Dr. V. B. Waghmare Sir, for his constant support during the course of this research. I would also like to sincerely thank Dr. R. Y. Patil Madam for her kind cooperation, encouragement, and helpful suggestions that played an important role in completing this project successfully.

I am also deeply thankful to all the faculty members of the Department of Computer Science for their continuous support, helpful suggestions, and motivation. Their guidance and constructive feedback greatly contributed to improving the quality of this research.

I extend my heartfelt thanks to everyone who directly or indirectly contributed to this work by sharing their ideas and offering encouragement. I am especially grateful to my friends in the Department of Computer Science for their cooperation and moral support.

Finally, I would like to acknowledge all those who helped me in completing this research project in one way or another.

Thank you.



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"Desire and Art of Education for Knowledge, Science and Culture"
Shikshanamaharshi Dr. Bapuji Sahasrabudhe



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Vivekanand College, Kolhapur

(An Empowered Autonomous Institute)

" College Exam Analysis "

Dissertation Submitted By

Pankaj Vishnu Khandare

For the Award of Degree

M.Sc.

In

Computer Science

UNDER THE GUIDANCE OF

Dr. V. B. Waghmare

(Department of Computer Science)

Year 2025-2026

"Dissemination of Education for Knowledge, Science and Culture"

- Shikshanmaharshi Dr. Bapuji Salunkhe



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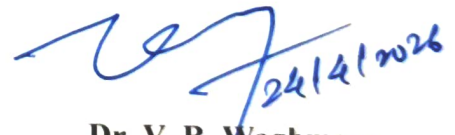
Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)
Department of Computer Science

CERTIFICATE

This is to certify that the work incorporated in the thesis entitled "**College Exam Analysis**", submitted to Shivaji University by **Mr. Pankaj Vishnu Khandare** for the award of the degree of M.Sc. in the subject of Computer Science was carried out by him under my supervision in the Department of Computer Science, Vivekanand College, Kolhapur (An Empowered Autonomous Institute). This work was not submitted by him to this, or any other University for the award of any Degree, Diploma or any other similar title.

Place: Kolhapur

Date: 24 / 04 / 2026


Dr. V. B. Waghmare
Research Guide

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P.V. Khandare

Mr. Pankaj Vishnu Khandare

Research Student

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Thank you.

P. V. Khandare
Mr. Pankaj Vishnu Khandare