

AI-Powered Hand Gesture Controlled Robot

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE & ENGINEERING**

SUBMITTED BY

**VINAY MESHAM
PRANIT BONDE**

**ABHISHEK GAWANDE
SANSKRUTI KADAM**



**UNDER THE GUIDANCE OF
PROF. T. N. GHORSAD**

**TAKSHASHILA INSTITUTE OF ENGINEERING & TECHNOLOGY,
DARAPUR, TQ. – DARYAPUR, DIST. – AMRAVATI (M.S.) 444802**

2024-25

PROJECT REPORT

ON

AI-Powered Hand Gesture Controlled Robot

**BACHELOR DEGREE
IN
COMPUTER SCIENCE & ENGINEERING**

**SANT GADGE BABA AMARVATI
UNIVERSITY, AMRAVATI**

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2024-25

CERTIFICATE

This is to certify that **MR. VINAY MESHRAM**

of final year has successfully completed the Project *AI-Powered Hand Gesture Controlled Robot* in the complete fulfillment of the Bachelor Degree of *COMPUTER SCIENCE & ENGINEERING* affiliated to

SANT GADGEBABA AMRAVATI UNIVERSITY, AMRAVATI
for the Academic Year 2024 – 25



PROF. T.N.GHORSAD
GUIDE

PROF. A. A. CHINCHAMALATPURE
HEAD OF DEPT.

DR. D. T. INGOLE
PRINCIPAL

External

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
TAKSHASHILA INSTITUTE OF ENGINEERING
& TECHNOLOGY,
DARAPUR, TQ. – DARYAPUR, DIST. – AMRAVATI (M.S.) 444802

2024-25

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For the development of this project I acquired co-operation and guidance of many people. Therefore I consider that it's my prime duty to thank to all those who had helped me through its venture. I take this opportunity to show my gratitude towards my guide in the institute to **Prof. T. N. Ghorsad (Computer Science and Engineering)** for his precise guidance and continuous encouragement throughout to see that the project moves in right direction since its commencement to its completion.

I would like to express my deepest gratitude towards **Prof. A. A. Chinchamalature, Head of Department (Computer Science and Engineering)** for his valuable support in the project completion process. I am thankful to **Dr. D. T. Ingole, Principal** of our institution for providing necessary facility during the working on this project.

Last but not least, I am thankful to my Teaching Staff, Non-Teaching Staff, Library Staff members and my friends for their encouragement and suggestion moving towards completion of my project.

Thanking you!

Vinay Meshram
Final Year B.E
Dept. of Computer Science & Engineering
T.I.E.T. Darapur

DECLARATION

I hereby declare that the project titled **AI-Powered Hand Gesture Controlled Robot** is an original piece of project work carried out by me under the guidance and supervision of **Prof. T. N. Ghorsad**. The information has been collected from genuine and authentic sources. The work has been submitted in the partial submission of the Bachelor Degree of **Computer Science & Engineering** affiliated to **Sant Gadge Baba Amravati University, Amravati**.

I further declare that, to the best of my knowledge and belief, this project work has not been submitted to this or any other university for the award of any other Degree, Diploma or any equivalent courses.

Mr. Vinay Meshram
Final Year
Computer Science & Engineering