

A  
MINI PROJECT  
ON  
Submitted By  
Mr. Thorve Avishkar Shrikrushna  
Roll No: 65  
Exam No- 190842102  
Class : SE AI & DS  
UNDER THE GUIDANCE OF  
Prof. A. S. Kale



DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA  
SCIENCE

Jaihind College of Engineering, Kuran

A/p-Kuran, Tal-Junnar, Dist-Pune-410511, State Maharashtra, India2023-2024  
DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA  
SCIENCE

Jaihind College of Engineering, Kuran  
A/p-Kuran, Tal-Junnar, Dist-Pune-410511, State Maharashtra, India 2023-  
2024



## CERTIFICATE

This is to certify that Mini project Entitled  
Submitted By

Mr. Thorve Avishkar Shrikrushna Exam No: S190842102

Is bonafide work carried out by student under the supervision of Prof. A. S. Kale and it is submitted towards the partial fulfilment of the requirement of Savitribai Phule Pune university, Pune for the award of the degree of Second Year of Artificial intelligence & Data Science Engineering for academic year 2023-24

Prof. A.S. kale

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## CERTIFICATE BY GUIDE

This is to certify that Students Mr. Thorve Avishkar Shrikrushna. Has completed the Mini project work under supervision and that, I have verified the work for its originality in documentation, problem statement in the PROJECT. Any reproduction of other necessary work is with the prior statement permission and has give due ownership and included in the references.

Place: Kuran

(Prof. A. S. Kale)

Date: .../..... /2024