

**A**

**Project Report**

on

**Anushka - The Humanoid Robot**

submitted for partial fulfillment for the award of

**BACHELOR OF TECHNOLOGY**

**DEGREE**

in

**Computer Science**

By

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**May 2024**

# DECLARATION

I hereby declare that this submission is my work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person nor material that to a substantial extent has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.

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# CERTIFICATE

This is to certify that the Project Report entitled “**Anushka - The Humanoid Robot”** which is submitted by **Piyush Khanna** in partial fulfillment of the requirement for the award of degree B. Tech. in the Department of Computer Science of Dr A.P.J. Abdul Kalam Technical University, Lucknow is a record of the candidate’s own work carried out by him under my supervision. The matter embodied in this report is original and has not been submitted for the award of any other degree.

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# ABSTRACT

In today's world, there is a growing need for advanced robotic systems that can contribute to various aspects of human life. This project report focuses on the development and implementation of Anushka, an intelligent humanoid robot designed to operate as a receptionist in educational institutions. The objective of this project is to create a robot that embodies the principles of unbiased behavior, caring interactions, and intelligent capabilities.

The lack of efficient and engaging receptionist services in educational institutions poses a significant challenge in providing a welcoming and informative environment for visitors. Existing reception systems often fall short in terms of unbiased interactions, personalized attention, and intelligent capabilities.

To address this problem, the project aims to develop Anushka, an advanced humanoid robot, as a solution that revolutionizes the receptionist role in educational institutions. Anushka will provide unbiased and caring interactions, while leveraging its intelligent features to enhance visitor experience and create a technologically advanced reception system.

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