



Sanjivani College of Engineering, Kopargaon-423603

(An Autonomous Institute Affiliated to Savitribai Phule Pune University, Pune)

NAAC 'A' Grade Accredited

Department of Information Technology

UG Programme in IT NBA Accredited

FINAL YEAR PROJECT SYNOPSIS

(Academic Year 2024-2025)

Project Group Id	16
Title of the Project	Sign Language Conversion to Text and Speech
Project Domain	Deep Learning and Natural Language Processing
Problem Statement	An Emotion-Based Song Recommendation Chatbot enhances the music experience by understanding user emotions through natural language input and recommending mood-aligned songs. Leveraging sentiment analysis and a curated music database, the chatbot offers personalized song suggestions that resonate with the user's current emotional state, fostering a more empathetic and satisfying music discovery process compared to traditional systems, which often overlook real-time emotional context. By seamlessly integrating technology with emotional intelligence, this chatbot not only personalizes music recommendations but also contributes to emotional well-being, making it a powerful tool for both casual listeners and those seeking mood-specific music experiences.
References	[1] Emotion-Based Music Recommendation System Using Sentiment Analysis [2] Leveraging Deep Learning for Music Recommendation Systems [3] Real-Time Emotion Detection for Personalized Music Recommendation
Project Plan	(Attach separate sheet specifying all phases of project)
Name of Students in the Project Group with their signatures	1.Atharva Narayan Kotasthane 2.Yash Sanjay Musmade 3.Swapnil Jitendra Naikwadi 4.Pramod Sanjay Katore 5.Harshada Ramesh Kulkarni
Name of the Guide and Signature	
Date	

Project title Accepted/Rejected.

Dr C D Bawankar
Project Coordinator

Dr. M A Jawale
HOD