



# 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)

<b>Project Group Id</b>	16
<b>Title of the Project</b>	Emotion-Based Song Recommendation Chatbot
<b>Project Domain</b>	Natural Language Processing
<b>Problem Statement</b>	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.
<b>References</b>	[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.
<b>Project Plan</b>	(Attach separate sheet specifying all phases of project)
<b>Name of Students in the Project Group with their signatures</b>	1. Atharva Narayan Kotasthane 2. Yash Sanjay Musmade 3. Swapnil Jitendra Naikwadi 4. Pramod Sanjay Katore 5. Harshada Ramesh Kulkarni
<b>Name of the Guide and Signature</b>	
<b>Date</b>	

Project title Accepted/Rejected.

Dr C D Bawankar  
Project Coordinator

Dr. M A Jawale  
HOD