



## MALLAREDDY COLLEGE OF ENGINEERING & TECHNOLOGY

(AUTONOMOUS INSTITUTION – UGC, GOVT. OF INDIA)

Affiliated to JNTUH; Approved by AICTE, NBA-Tier 1 & NAAC with A-GRADE | ISO 9001:2015

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### DEPARTMENT OF COMPUTATIONAL INTELLIGENCE

#### IV YEAR B. TECH I SEM

**COURSE:** PROJECT PHASE - 1

**COURSE CODE:** R22A6694

**SECTION:** CSE (AIML) - A

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### ABSTRACT

**Title:** Chatnslate: The Language-Free Chat Experience

The Live Language Translator webapp is a smart and easy-to-use tool that helps people from different parts of the world chat with each other, even if they don't speak the same language. When someone sends a message in their own language, the web app instantly translates it into the other person's language, so both can understand each other clearly. It feels just like a normal chat — smooth and instant. This makes it super handy for making new friends across the globe, traveling, learning new languages, or working with international teams. You don't have to switch apps or copy-paste into a translator — everything happens right there in one place. The webapp is built using Python and uses smart NLP (Natural Language Processing) technology that helps computers understand and translate human language. It also supports real-time messaging, so your chats are instant, just like on WhatsApp or Messenger. Overall, the web app makes it easy to connect with people from anywhere, break down language barriers, and enjoy smooth, meaningful conversations in any language.

### Student Batch Details:

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Signature of the Guide

Project Coordinator

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