

# Mini Engineering Project - 2026 Batch

**Date of Competition:** 1st March 2025

**Venue:** Cummins College

**Name:** Mini Engineering Project

**Time:** 9-3 pm

**Team size** - 2 to 3 student/group

**Last Date of Registration:** 26th January

**Description:** Mini Projects are done as a part of engineering curriculum. It is a platform where students can showcase their talent by doing innovative projects that strengthen their profile and increases the chance of employability. Students to display their Mini Projects that they have been working on in college. The project should not be a copy paste from google or any other resource. **This is a group project.**

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\* Indicates required question

Name \*

Tejaswini Jaywant Durge

Katalyst UID \*

2732

Team Member Name and UID \*

Tejaswini Durge(2732), Dipali Gangarde(2723),



Katalyst Email ID \*

2732\_tejaswini@katalystindia.org

Phone Number \*

8446528408

Name of your College \*

Vishwakarma Institute of Information Technol

Stream of Engineering \*

Information Technology

Title of your Project \*

Capturing Non-manual features of Indian Sign



### Reason for Selecting this Project \*

We chose this project because we recognize the importance of inclusivity and effective communication for the deaf and hard-of-hearing community. Indian Sign Language (ISL) which still has limited standardized signs. ISL is rich in expressions and movements but many translation systems miss these crucial details which leads to incomplete interpretations. By incorporating non-manual features(NML) like facial expressions and body movements, we decided to create a more accurate and meaningful ISL-to-text system which includes text-to-speech + NML features.

This project gave us a chance to bring new ideas to a field where we can truly make a difference and improve lives which motivates us to do something for this community.

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