



AJ INSTITUTE OF ENGINEERING & TECHNOLOGY

A Unit of Laxmi Memorial Education Trust

(Approved by AICTE, New Delhi, Affiliated to Visvesvaraya Technological University, Belgaavi)

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Report on "Project Code Unnati Start-Up Challenge"

The students from 7th Semester, Department of Computer Science and Engineering Nishanth, Prajna P, Mouna RR and Sushma Mallesh Kaikad have got shortlisted for the project entitled "Hand to Heart" under the guidance of Prof. Snitha Shetty in project code Unnati Start-Up Challenge, 2023 – Idea Presentation held at A.J. institute of Engineering and Technology, Mangaluru on 09/11/2023.

The following courses were discussed by the participants

HAND TO HEART is the project which build on the purpose of Empowering Deaf and mute communication through AI-Dreven Translation and Community Building.

Following quests were discussed

The project's usefulness in comparison to existing ideas in the market, its feasibility, sustainability, and the market volume for future project growth are pivotal factors. Evaluating its competitive edge and potential market adaptability also contribute significantly to its long-term success.

Objectives:

The main objective of this project is to create a communication bridge between individuals who are deaf and mute and those who are not, enabling a teaching system that fosters confidence for real-world interactions. Additionally, it aims to establish a community of like-minded individuals facing similar challenges to cultivate positivity among them.

Outcomes:

The intended outcome of this project is to facilitate understanding between individuals who are deaf and mute and those who are not. This will enable individuals who are deaf and mute to comprehend conversations among non-deaf individuals through sign language, while providing a translator for non-deaf individuals to understand them. The project also encompasses additional features aimed at helping these individuals navigate the real world by learning a comprehensive sign language for effective communication

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Photos:



Nishanth



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Mrs. Snitha Shetty
Project guide

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Dr. Antony P J

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