

# Project Synopsis

**Batch No: 01**

**Date: 28-09-2024**

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|------------|--------------------|------------------------------------|---------------|
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| 4NI21CS031 | CHAITHRA V         | 2021cs_chaithrav_a@nie.ac.in       | 8951847468    |
| 4NI21CS032 | CHINMAYI B A       | 2021cs_chinmayiba_a@nie.ac.in      | 6360571314    |
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**Project Title: Aikyam**

**Brief description:**

An assistive website that supports specially-abled and intellectually disabled individuals in navigating through life and building independence. It bridges them with the general public, fostering empathy and inclusion. Key features include a sign language detector, voice assistance, and community-building activities.

**Objective:**

- **Empower Specially-Abled Individuals:** Facilitate communication, navigation, and access to essential services.
- **Promote Inclusivity:** Educate the public and provide resources for positive interactions.
- **Build Community:** Connect individuals, families, and the public to share experiences and support.
- **Enhance Accessibility:** Use sign language recognition, voice commands, and accessible content.

**Software requirements:** **Operating System** : Windows, macOS, or Linux  
**Programming Language** : HTML, Javascript, Python  
**Drivers** : Audio and Video Drivers  
**Tools** : VS Code, Firebase, AWS, APIs

**Hardware Requirements:** **Processor** : intel i3 or higher  
**Memory** : 8GB RAM or higher  
**Any other devices** : WebCam, Microphone and Smart phones

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| <b><u>Internal Guide (in college)</u></b><br><b>Name:</b><br><b>Designation:</b><br><b>Telephone No:</b><br><b>College Address:</b> | <b><u>External guide (if in Company)</u></b><br><b>Name: -</b><br><b>Designation: -</b><br><b>Telephone No: -</b><br><b>Company Address: -</b> |
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