

A 2-days National Level Hackathon on AI in education

SELECTED AREA NAME

Team Name – Terminal Titans

Name of Leader – Krishna Motwani

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College Address –

Sagar institute of research & Technology



AREA OVERVIEW



Inclusive AI education means giving every learner - No matter their background abilities or location -an equal chance to learn about Artificial Intelligence .It focus on making AI learning simple accessible and useful for student with different learning style language and need The goal is to ensure that no one is left behind in the digital future

IMPORTANCE OF AREA

We choose this area because AI can be transform education by making assessment more accurate fast and student -friendly which directly improve the quality of learning



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Potential Challenges and Opportunities

Challenges

Lack of access to technology and internet for all students.
Teaching materials may be too complex or not in local languages.

Teachers may not have enough training in AI.
Students with disabilities may find it harder if resources are not inclusive.

Opportunities

AI can create personalized learning for each student's needs.
Learning AI skills can open better jobs and future careers.
Inclusive AI education can reduce the digital gap between rich and poor.
It can help students from all backgrounds become creators, not just users, of technology.



Preliminary Solution Concept

Problem statement

- Many learners do not get equal access to AI education because of barriers like limited resources, lack of trained teachers, language differences, and inaccessible materials. This creates a gap where only a few students can benefit from AI knowledge, while others are left behind.

How it works/ solution

Develop INCLUDED AI, an application that

This platform offers features such as:

1. Accessibility Demos - That show how technology can be used by people with different abilities
- 2 Multi - format Genenter - This is a tool that create content or output in different file types of format
3. Live captions +translate - Means showing spoken words as text in real time and instantly translating them into another language
4. AI Storytelling mode - Mean using AI to create and narrate stories interactively

Key Features

Here are the key features of Inclusive AI Education for every learner

Accessibility – Tools like text-to-speech, captions, translations.

Personalization – Learning paths tailored to each learner's needs.

Multi-format Support – Content in audio, video, text, interactive formats.

Language Inclusivity – Multilingual support and translation.

Adaptive Assessment – Smart feedback and progress tracking.

Collaboration – Peer learning and inclusive discussions.



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Methodology and process

"LINK A PROTOTYPE VIDEO"

INCLUSIVE AI EDUCATION FOR EVERY LEARNER

OUR OUTCOME APPROACH

EQUITY



EFFECTIVENESS



ACCESS



ENGAGEMENT

INCLUSIVE AI EDUCATION FOR EVERY LEARNER

STEP BY STEP PROCESS

1. IDENTIFY LEARNER NEEDS



Understand different learners' backgrounds, abilities, languages, and access to technology

DESIGN INCLUSIVE CURRICULUM



Create AI learning materials that are easy, adaptive, and accessible for all (text, visuals, audio, multiple languages)

PROVIDE SUPPORT & ACCESSIBILITY



Offer extra help for learners with disabilities, provide assistive technologies, and ensure equal opportunities

5. EVALUATE AND IMPROVE



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Target Users and Expected Outcomes

Target Users: Students of all abilities, including those with disabilities, diverse learning needs, and different backgrounds.

Expected Outcome: Equal access to AI-powered learning, personalized support, improved engagement, and better educational outcomes for every learner.



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Impact and benefit

Impact & Benefits of Inclusive AI Education for Every Learner

Equal Access: Removes learning barriers for students with disabilities, language gaps, or different learning styles.

Personalized Learning: Adapts content to individual needs, pace, and abilities.

Global Reach: Connects learners from diverse backgrounds with equal opportunities.

Skill Development: Builds digital literacy and future-ready skills.

Improved Outcomes: Boosts confidence, participation, and academic success.



Technical Approach

BACKEND -: Fast API'S , GEMINI, FIREBASE (DATA BASE) ,PYTHON

FRONTEND -: HTML ,TAILWIND , CSS AND JAVA SCRIPT

CLASSIFICATION-: KEYWORD-BASED+NLP