

Aadi Vaani: Al Translator for Tribal Languages

Source: TH

The Union government launched the beta version of **Aadi Vaani**, India's First Al-powered Translator for Adivasi languages, to strengthen communication and capacity-building in tribal districts.

- Purpose: Translate speech and text between Hindi, English, and six Adivasi languages: Bhili, Mundari, Gondi, Santali, Kui, and Garo.
- Al Model & Target Use: Based on NLLB (No Language Left Behind) and IndicTrans2, adapted for low-resource languages.
 - Tested through **Adi Karmayogi**, a nationwide capacity-building initiative in tribal districts covering 1 lakh villages and 20 lakh volunteers.

BHASHINI (BHASHa INterface for India)

- As a <u>National Language Translation Mission</u>, <u>BHASHINI</u> under <u>Digital India</u>, uses <u>artificial</u> intelligence (AI) and <u>natural language processing (NLP)</u> to make digital content and services accessible in multiple Indian languages.
 - It is implemented by the **Digital India BHASHINI Division** under the **Ministry of Electronics and IT**.
- Purpose: Provides translation across 22+ Indian languages, promoting digital inclusion and accessibility. <u>BHASHINI</u> aimed at democratizing access to digital content and services across India's linguistic spectrum.
- **Applications:** Enables translation of text, video, documents, web content, and real-time speech, ensuring multilingual access and inclusivity.
- Integration with Government Platforms: Integrated with e-Shram, e-Gram Swaraj, CPGRAMS, All India Council for Technical Education (AICTE) and University Grants Commission (UGC) for content translation.

Read more: Digital India BHASHINI

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