

Adi Vaani

Prelims - Current events of national and international importance| Science & Technology.

Why in News?

Recently, the Ministry of Tribal Affairs launched the Beta Version of Adi Vaani, India's first AI-powered translator for tribal languages.

- It is **India's first AI-based translation tool** that serves as the foundation for a future large language model dedicated to tribal languages.
- **Developed by** - National consortium of premier institutions led by IIT Delhi with BITS Pilani, IIIT Hyderabad, and IIIT Nava Raipur in collaboration with Tribal Research Institutes (TRIs).
- It is developed under **Janjatiya Gaurav Varsh** to bridge communication gaps between tribal and non-tribal communities.
- **Key Features** - It enables real-time translation (text and speech) between Hindi/English and tribal languages.
- It provides interactive language learning for students and early learners and digitally preserves folklore, oral traditions, and cultural heritage.
- It supports digital literacy, healthcare communication, and civic inclusion in tribal communities.
- Awareness on govt. schemes and important speeches.
- **Languages** - It supports **Santali (Odisha), Bhili (Madhya Pradesh), Mundari (Jharkhand), Gondi (Chhattisgarh)**
- **Kui and Garo** are under development for the next phase.
- **AI Language Models** - Refined deployment of models such as **No Language Left Behind (NLLB) and IndicTrans2** for low-resource tribal languages.
- **Significance** - It strengthens constitutional values of cultural diversity and equity while advancing flagship national missions.

Quick Facts

Janjatiya Gaurav Divas

- Every year on **November 15th**, Janjatiya Gaurav Divas is celebrated to honor the contributions of these communities, especially in India's freedom struggle.
- The day marks the birth anniversary of **Bhagwan Birsa Munda**, a tribal leader and freedom fighter, whose legacy continues to inspire.

Reference

