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

[PIB| Beta Version of Adi Vaani]