

Five-day Orientation Program of State Resource Groups (SRGs) on Development of eContents for DIKSHA

Languages (MLE): Use of Various GPTs and AI Engines

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DIKSHA

स्वागत സ്വാഗതം सुआगत
ସ୍ୱାଗତ Welcome স্বাগত
நல்வரவு સુવાગત છે
स्वागतं सुआगत वै स्वागतं

Why Multilingual Classrooms?

01

- India: 22 scheduled languages and 100+ spoken languages.

02

- NEP 2020: Strong emphasis on **mother tongue-based education**.

03

- Challenge: Teachers/resources are not available in every language.





Why AI in Multilingual Education?

AI can help by:

- Bridging **language gaps**.
- Creating **teaching-learning materials** in local languages.
- Supporting **CWSN** (special needs) with speech/voice tools.
- Empowering **teachers** with easy translation & content generation.

Types of AI Tools for MLE

A. AI Translation Engines

- Google Translate 
- Microsoft Translator 
- Bhashini (Govt of India) 
- AI4Bharat / IndicTrans
- Anuvadika

B. GPTs & AI Content Generators

- ChatGPT (OpenAI)
- Claude
- Grok (xAI)
- DeepSeek
- Perplexity AI



How They Differ

- **AI Engines (Translation):**
 - Broad Concept
 - Convert text/speech between languages.
 - Example: English → Hindi story translation.
- **GPTs (Specific Type of AI Model for Content Creation):**
 - Generate new stories, worksheets, and dialogues.
 - Example: Create a moral story in Hindi & English for Class 3.

Practical Classroom Uses

- **Translate textbooks/worksheets** into the local language, e.g., Google Translate.
- **Text-to-Speech (TTS)**: Read aloud for early learners, e.g., Speechify.
- **Voice Typing**: Allows teachers to convert spoken words into digital text, e.g., WhatsApp.
- **Create bilingual content**: stories, poems, and lesson summaries, e.g., ChatGPT.
- **Interactive learning**: Children ask questions in their language, and AI replies simply, e.g., Alexa and Google Assistant.

Benefits of AI in Multilingual Education

- Overcomes **teacher shortage** in multiple languages.
- Reduces barriers for **first-generation learners**.
- Supports **inclusive classrooms**.
- **Saves teachers' time** in creating materials.

Challenges & Cautions

- Translation may lack **cultural sensitivity** (English idiom “It’s raining cats and dogs”).
- Accuracy issues for low-resource languages.
- Need to ensure **the teacher’s role remains central**.
- **Data privacy** in AI use with children.

Future Directions

- Govt initiatives like **Bhashini** → more Indian languages.
- AI4Bharat → Open-source tools for teachers.
- Integration into DIKSHA & NCERT platforms.
- AI-assisted **teacher training** in multilingual pedagogy.

GPTs and AI Engines for MLE



1. Sider.ai
2. AI4Bharat
3. Google Translate
4. Anuvadika
5. Kibo

conti...

Links

1. <http://Sider.ai>
2. <https://models.ai4bharat.org/>
3. <https://translate.google.com/>
4. <https://anuvadika.ciil.org/index.php>
5. Kibo

Kibo: Knowledge in a Box



Key Takeaway ?????

 "કૃત્રિમ બુદ્ધિ શિક્ષકોનું સ્થાન નથી, પરંતુ એક સહાય વ્યવસ્થા છે."

We will find out with the help of AI....Lets do it

!!! Decode it ???

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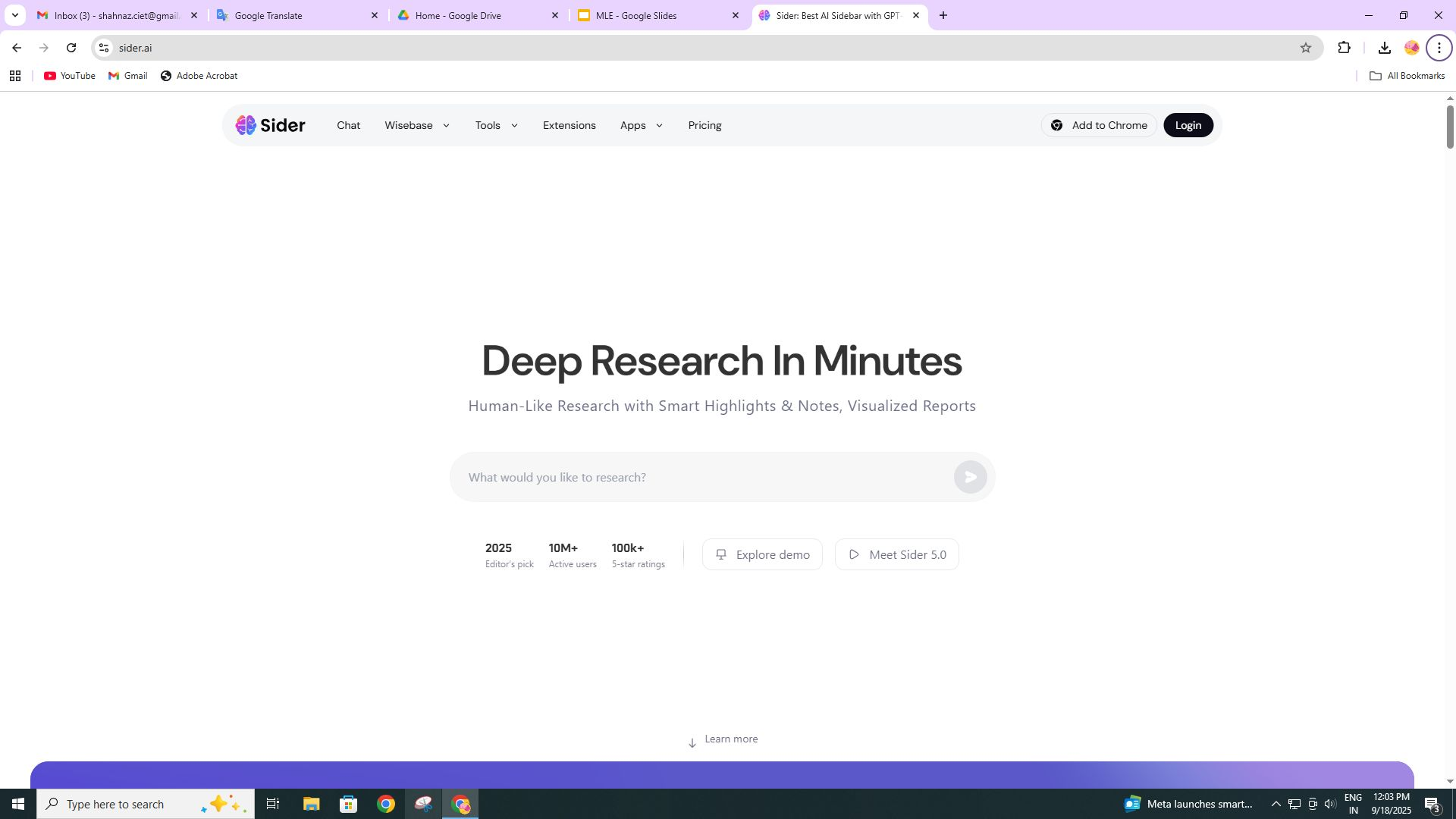
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हातांत हात घालून



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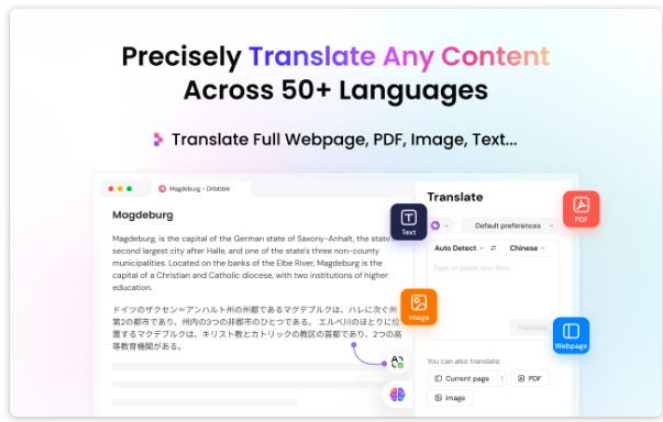


Sider: Chat with all AI: GPT-5, Claude, DeepSeek, Gemini, Grok

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Extension Tools 5,000,000 users



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Translate Full Webpage, PDF, Image, Text...



The screenshot shows the Sider extension interface with a text input field containing the word "Magdeburg". The output shows the English text translated into Japanese. The interface includes icons for text, image, and webpage translation, as well as options for output format (Current page, PDF, Image).



Sider 5.0





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Let's Explore Write Feature

- Chat
- REC Note
- Translate
- Summarize
- ChatPDF
- Write
 - Compose on Demand
 - Improve Selected Text
 - Rewrite Inputs
- Painter
- OCR

Sider: ChatGPT Sidebar + GPT-4o, Cl...

Write Reply

Essay Paragraph Email

Idea Blog Post Outline

Marketing Ads Comment

Message Twitter +

Formal - Short - English

Enter the topic you want to write about

Submit

Boost Your Writing Quality

Write Reply

Essay Paragraph Email Idea Blog Post Outline M



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ପ୍ରଶ୍ନ-ଉତ୍ତର / ଆଲୋଚନା

Q&A / Discussion

✨ With AI, every child can learn in **their mother tongue and additional languages.**

THANK YOU