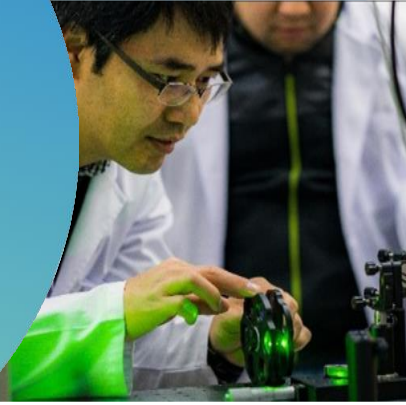


The logo for the Asian Development Bank (ADB), consisting of the letters 'ADB' in white serif font on a dark blue square background.

Digital x ADB

AI in Education

Sept. 25, 2024



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Select AI in Education Projects



AI Needs Assessment Survey

Bangladesh
CCDT & SG-HSD



AI Teaching Assistant Tool (ATAL)

Bangladesh
CCDT & SG-HSD



AI in Education Capacity-Building

Bangladesh, India, Indonesia, Philippines,
Uzbekistan, Vietnam
SG-HSD



Future-Proofing Education with Khan Academy Philippines

Philippines, Cambodia, Bangladesh, Uzbekistan
SG-HSD



AI in Education Professional Devt Program

Internal
SG-HSD

Bangladesh: Needs Assessment Survey

	Time-consuming	Difficult	Tiresome	AI-receptive	AI-resistant
Lesson planning	39.94	18.3	19.25	76.97	23.46
Preparing material	42.83	22.06	22.8	76.89	23.09
Creating questions	42.81	18.75	21.41	77.55	19.14
Grading	38	18.06	19.42	69.38	26.13
Preparing assignments	33.12	17.07	17.55	58.55	26.68
Tracking performance	44.32	18.37	18.86	61.27	27.41
Student interaction	48.53	21.39	22.6	57.4	32.84
Parent communication	53.7	21.8	25.76	51.23	46.18
Administrative tasks	32.85	19.96	22.03	44.41	31.92
Others	21.97	13.04	12.97	0.41	0.9

Teachers are highly receptive to AI assistance in tasks such as Creating Questions (77.55%), Lesson Planning (76.97%), and Preparing Material (76.89%).

This suggests that teachers recognize the potential for AI to alleviate workload in these areas, indicating that these tasks are seen as prime candidates for AI-driven support

This heatmap illustrates teachers' perceptions (indicated as percentages) of various teaching tasks across five dimensions: time consumption, difficulty, tiresomeness, AI-receptiveness, and AI-resistance. It highlights that tasks such as parent communication and student interaction are seen as both time-consuming and challenging. Tasks like lesson planning and creating questions are highly receptive to AI assistance, while interpersonal tasks like parent communication and student interaction are more resistant to AI intervention.

Bangladesh: AI Teaching Assistant Tool

AI Teaching Assistant for Language (ATAL)

This platform aids in the instruction of English for Grade 1-5 of primary education in Bangladesh. The outputs are meticulously aligned with the content of textbooks and teacher's guides developed by the National Curriculum and Textbook Board (NCTB) unless it is explicitly instructed by the user to explore beyond their boundaries.



Lesson Plan

Lesson plan summary



Detailed lesson plans



Teaching Resources

Exercises



Worksheets



Assessment

Unit tests



Student results



- Lesson plan summaries
- Detailed lesson plans
- Classroom exercises and worksheet maker
- Interactive Question Maker based on difficulty and format (various question types e.g., T/F, matching words, fill in the blanks, short answer)



Please, start by selecting Class, Unit, Lesson at the top

