



## 11th ADB International Education and Skills Forum

Applying a Fresh Lens to Unlock the Power of Human Capital

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# Does Technology truly transform learning outcomes?

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# 1. What is the impact of educational technology in developing countries?

**It widens the gap between the urban vs rural and rich vs poor.**

- **Access:** Poor connectivity, Service Quality
- **Affordability:** Device, Installation/Service cost
- **Digital Literacy:** Urban and rural divide, readiness
- **Language Barriers:** English is a second language



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## **2. What is the best approach to mobile devices (phones, tablets) for school-age kids?**

**Ban their use during instructional time.**

- **Availability:** Infrastructure at school, learning materials
- **Capacity:** to purchase, development of TLM, use, misuse, & overuse
- **Affordability:** Cost of device, regular recharge



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### 3. What is the primary relationship between AI and teachers?

**AI will have minimal impact on the core role of a teacher.**

- **Preparedness:** capacity, resources
- **Readiness:** Teacher's capacity development
- **System integration**



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### 4. What is the dominant effect of Generative AI (like ChatGPT) on student learning?"

It can do both; the outcome depends on how it's guided by educators.

- *Condition 1: Use in learning outcomes*
- *Condition 2: Misuse and expand the digital divide*



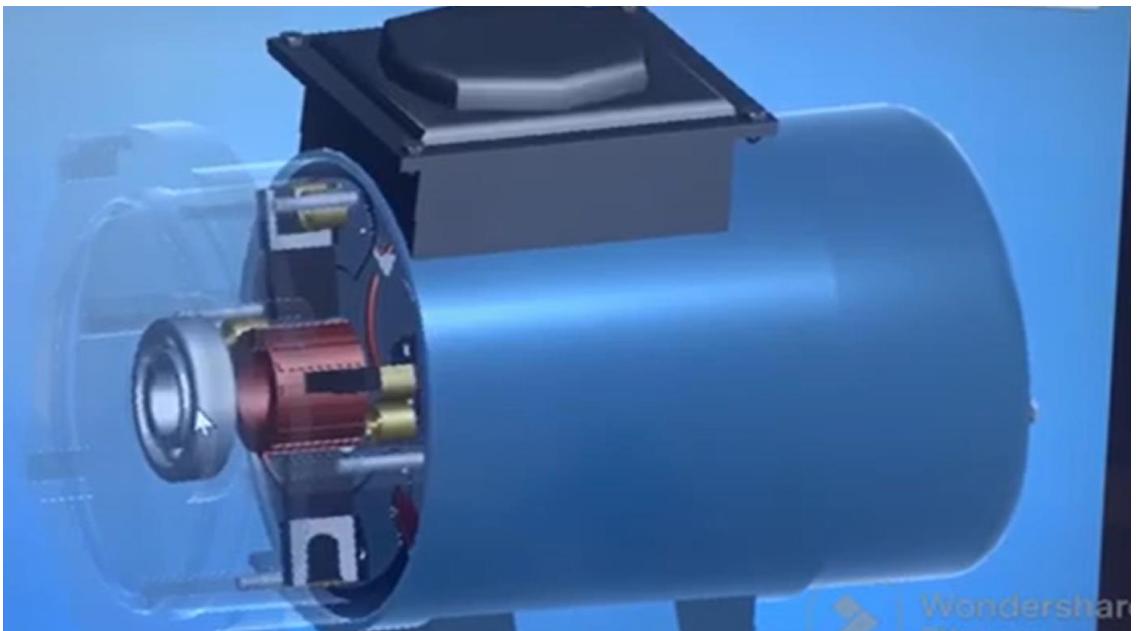
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## Transition from Classroom to Virtual Room

Korea Nepal Polytechnic Institute, among over 1000 TVET schools, was equipped with an interactive video. The system ran for over two years successfully. The school is struggling with the cost for its renewal and updated version. Therefore, a big question on the sustainability in terms of cost and technical services.



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