



**"Greater energy and greater passion is more extraordinary than greater genius."
— Lt. General Arjun Ray, (Retd.), PVSM, VSM**

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Subject Teaching to be Replaced by Competency Learning

The 20th century was concerned more with *knowledge about* and scholarship. In the 21st century the emphasis has shifted to the application of classroom learning to solve real-life problems in a creative manner. The ability for such application is dependent upon the quality of one's core competencies.

Future teachers will not be teachers of literature, history, mathematics and the sciences. In order to fulfill their mandate of unlocking potential, teachers will henceforth:

Become their students, and students will become their teachers through self-directed learning, thus narrowing down the present gap between teachers and students. This is the essence of **lifelong learning**.

Not teach content. Instead, they will teach and practice the students in **developing core competencies**; using their subjects of specialization as a medium. For example, the language teacher will now primarily teach critical thinking, living with diversity and persuasive communication. Students will learn the language with some assistance from the teacher, some



from self-directed learning, and the rest with the help of robot teachers. However, about 30 percent of content will still be taught by the teacher.

Not teach physics and history, but teach students **how to learn** physics and history. This will be the #1 pedagogy in 21st century schools, the mega transition that must occur - from teaching, to how to learn.

With warm regards,

A handwritten signature in black ink that reads 'Arjun Ray'. The signature is written in a cursive style and is positioned above a horizontal line.

Lieutenant General Arjun Ray, PVSM, VSM (Retd.)
Chief Executive Officer
Indus Trust