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NATIONAL CONFERENCE OF  
VICE CHANCELLORS-2024**  
APRIL 15, 16 & 17, HYDERABAD, INDIA

on

**Higher Education@2047**

Organized by

**Association of  
Indian Universities**



Hosted by

**ICFAI** Foundation  
for Higher Education  
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# DIGITAL TRANSFORMATION IN HIGHER EDUCATION

**B. SHADRACH**

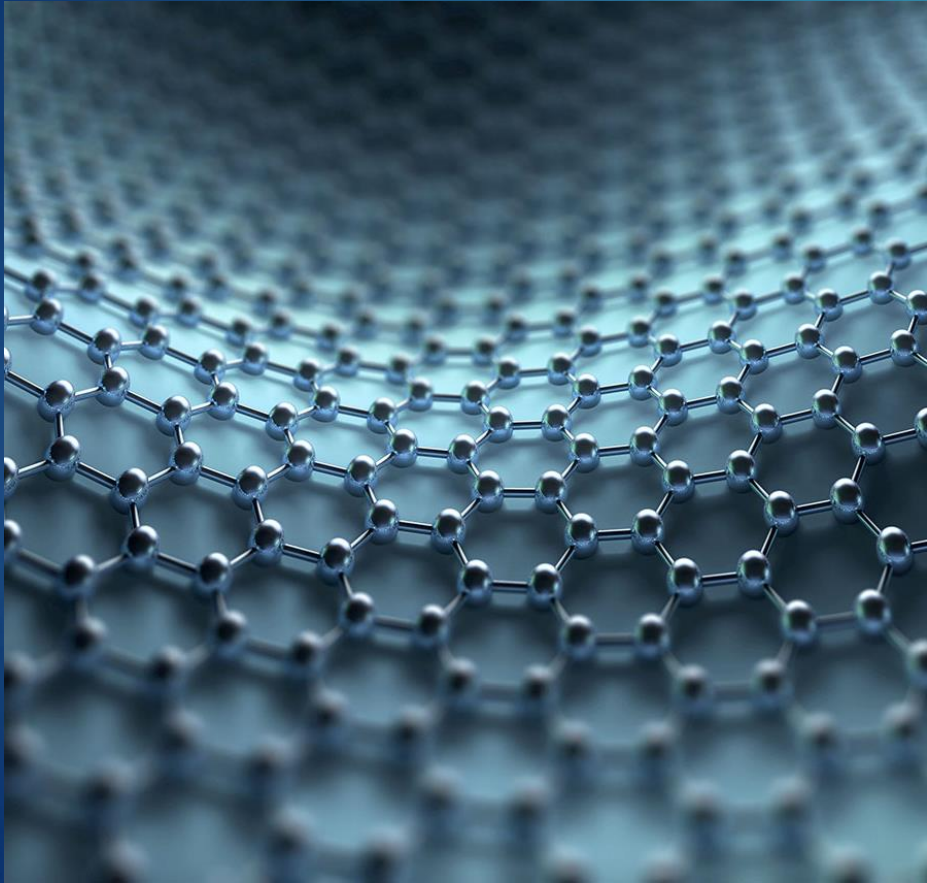
COMMONWEALTH EDUCATIONAL MEDIA  
CENTRE FOR ASIA

[BSHADRACH@COL.ORG](mailto:BSHADRACH@COL.ORG)

16 APRIL 2024

# Digital Transformation in Higher Education

What does this entail

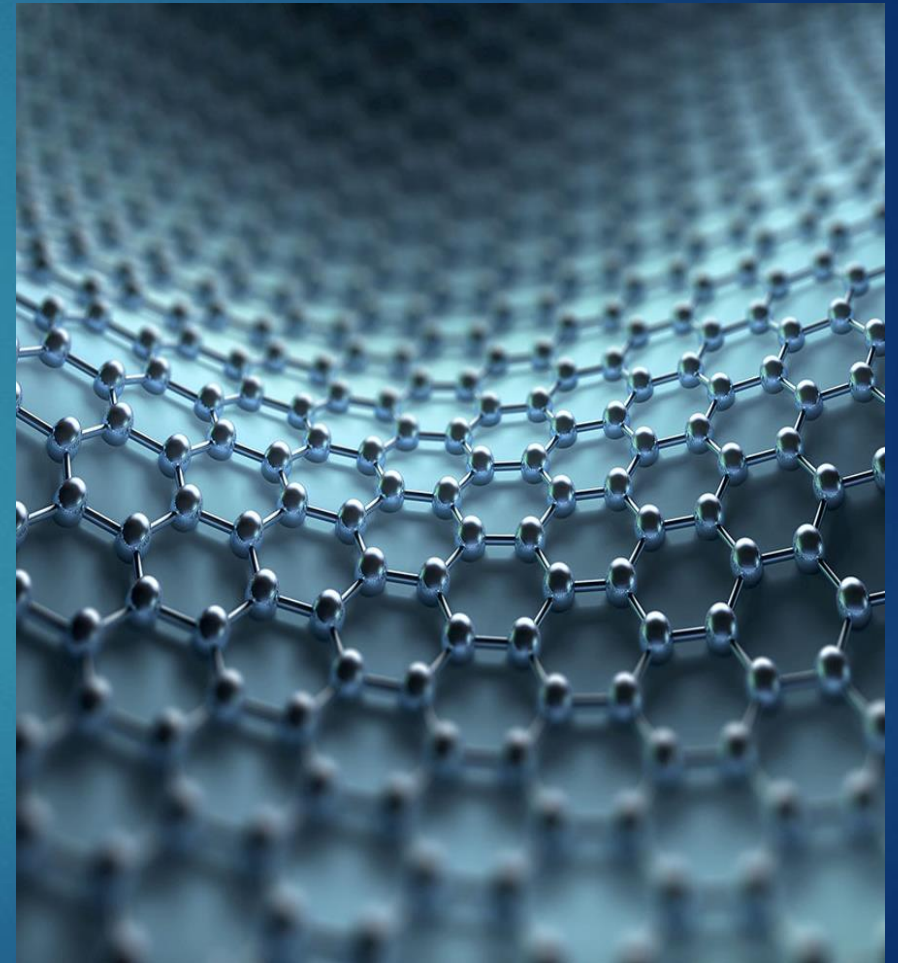


- ▶ Business transformation at play
- ▶ New learning experience for learners
- ▶ Empowerment of educators
- ▶ Preparing the future workforce
- ▶ India's vision
- ▶ India's immediate solution

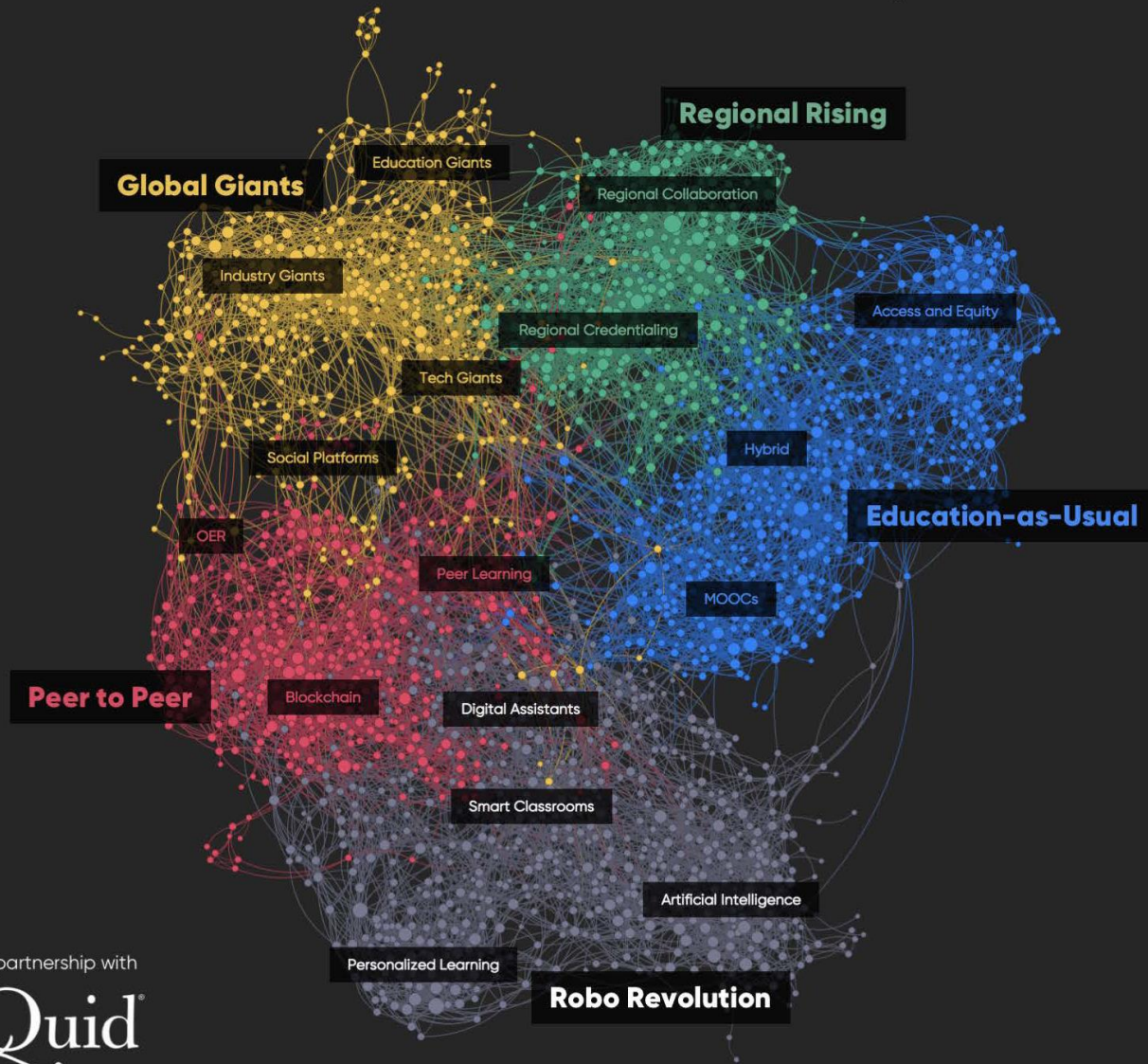
# Digital Transformation in Higher Education

## Latest Trends

- ▶ Emerging market shall set the trend
- ▶ 200,000 each day, leading to 1B addition by 2030
- ▶ Uncertainty about future of work
- ▶ Technology is a threat as well as an opportunity
- ▶ The determinants are changing
- ▶ Sea-change in learning models







## Education-as-Usual

Traditional education institutions remain the trusted source of learning and the most effective vehicle for jobs and prosperity. Higher Education consolidates, global talent platforms emerge and government remains the core source of funding around the world.

## Regional Rising

Regional alliances dominate the competitive education landscape, supported by strategic and political cooperation. Cooperative blended delivery and regional talent hubs cross-load labor supply and demand to strengthen regions.

## Global Giants

This global free market environment has fostered the emergence of 'mega-organisations' with ubiquitous brand recognition and the scale to achieve significant efficiencies and industry power.

## Peer to Peer

Learning online through rich, personalized human to human experiences dominates the post-secondary and skills training sectors. Blockchain technology fundamentally reconfigures credentialing and unlocks the collective creativity and IP of teachers.

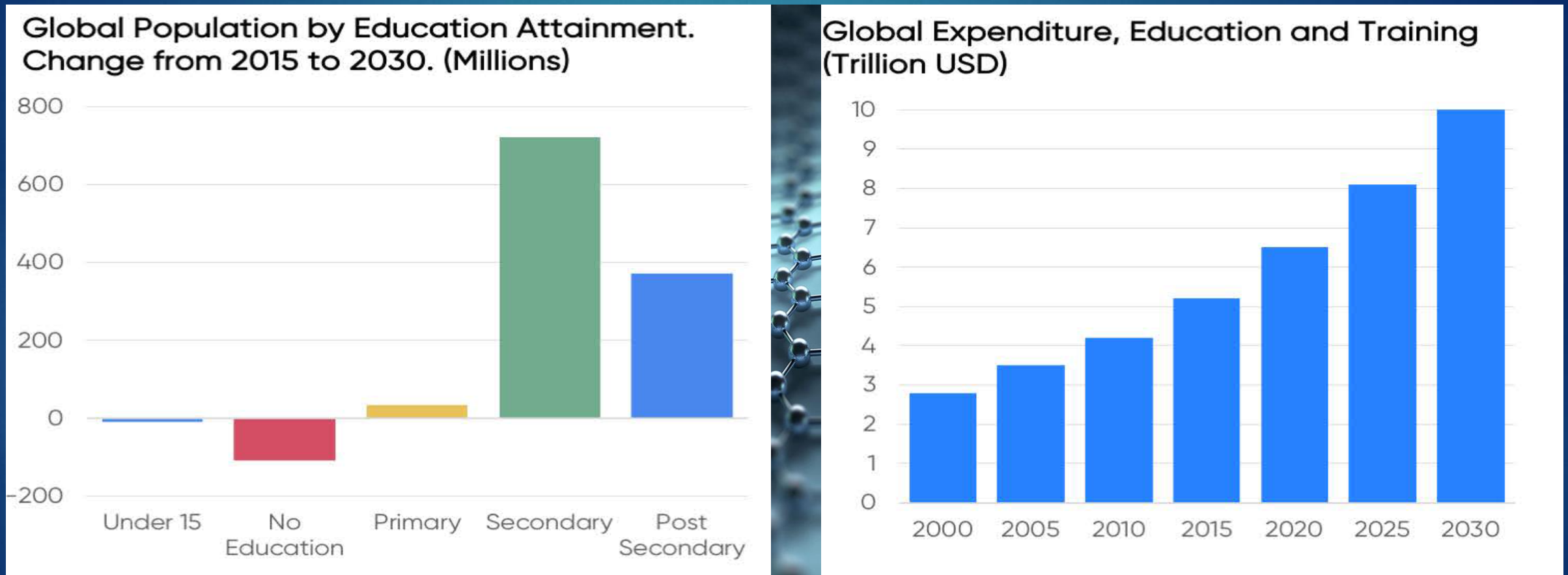
## Robo Revolution

AI drives a complete reversal in 'who leads learning', with virtual tutors and mentors structuring learning paths, providing assessment tasks, giving feedback, adjusting according to progress and organizing human tutoring when needed.

Digital  
Transformation  
in Higher  
Education  
Latest trends

# Digital Transformation in Higher Education

## the latest trends



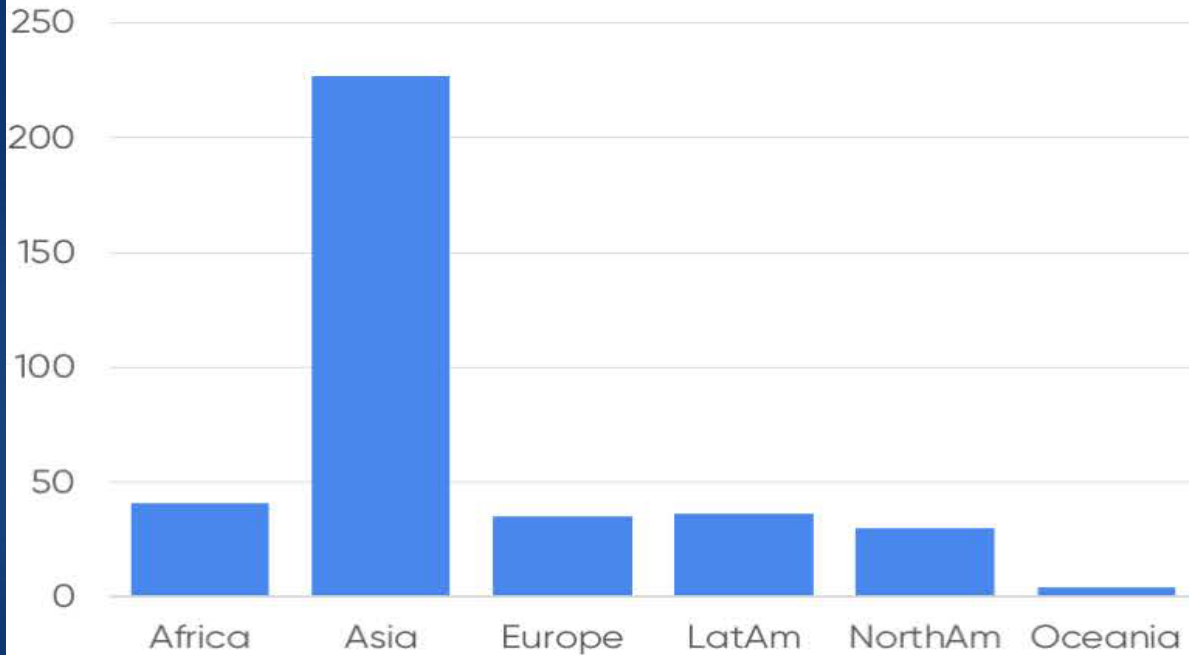
- \* Additional 1.5M teachers/year \* 100M teachers overall \* Additional 350M post secondary graduates
- \* Asia and Africa are the driving force \* 10T Expenditure in Education Sector \* 800M more K12 graduates



# Digital Transformation in Higher Education

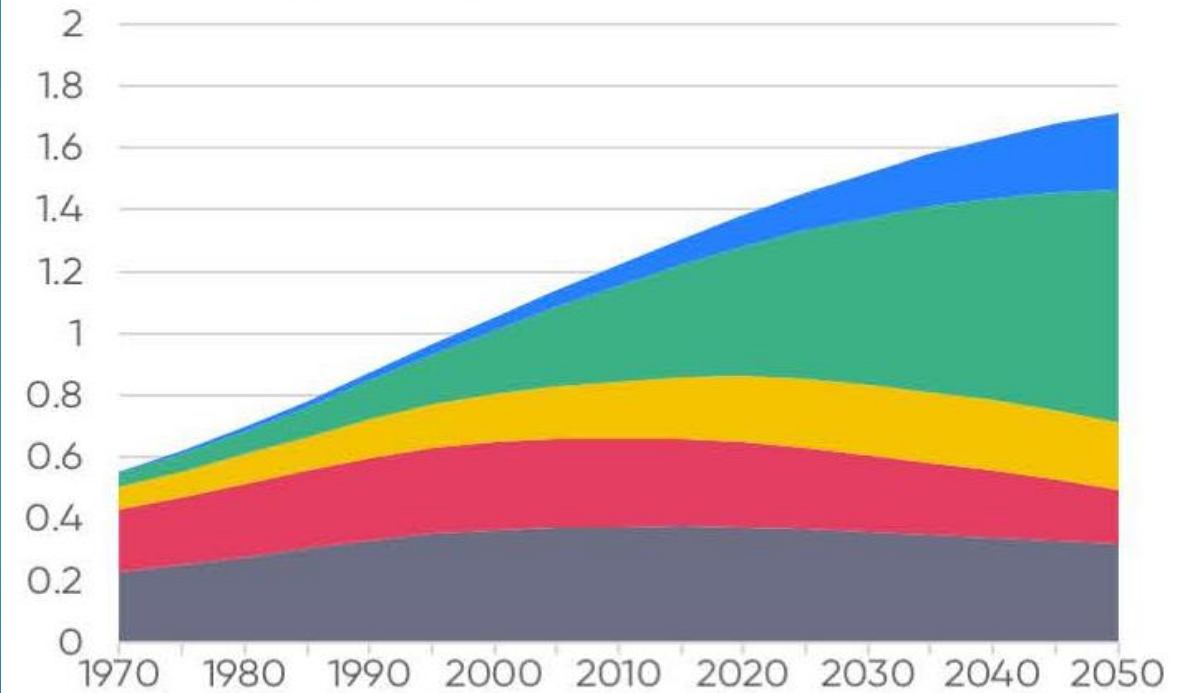
## the latest trends

Change in Population with Post Secondary Education 2015-2030 (Millions)



Source: IIASA and Wittgenstein Centre

India Population by Education Attainment 1970-2050 (Billions)



Source: IIASA and Wittgenstein Centre

Highest level of educational attainment in population over 15 years

Population under 15 years

No Education Primary Secondary Post Secondary

# Digital Transformation

## *The India speak*



NEP 2020 Promises



The ODL debate



The AI challenge



Learning to facilitate learning



# Digital Transformation

## The India challenge



No human in the loop vs Keep human-in-the-loop



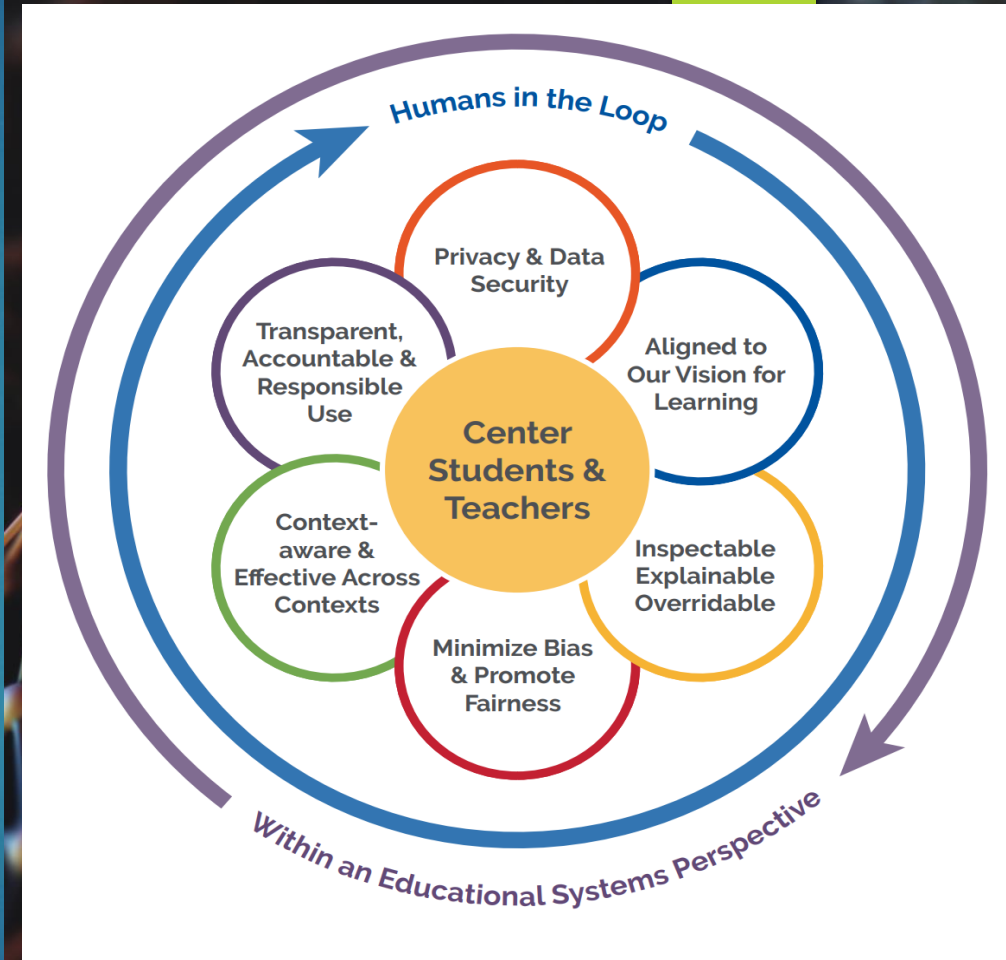
Technology-enabled vocational education



Next Generation Digital Learning Environment is emerging



Mobile-first and Mobile-only Learners





# Digital Transformation

## *The India Opportunity*



Optimization of Public Infrastructure



National and International collaboration



Blended Models of Education Delivery





# Thank You!

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