CHULA ENGINEERING

Innovation toward Sustainability | ACTNOW

Pathways to be Learning Platform

STRATEGIES

Future Leaders

Impactful Research and Innovation

Sustainable Development

VISION :

Chula Engineering towards Sustained Learning and Knowledge exploring Platforms

Core value statement :

Wisdom creation through diversifications of knowledge, skills and ethics

CHALLENGES

How to adapt and adopt the requirements of Next Normal Workforces, from all stakeholder viewpoints.

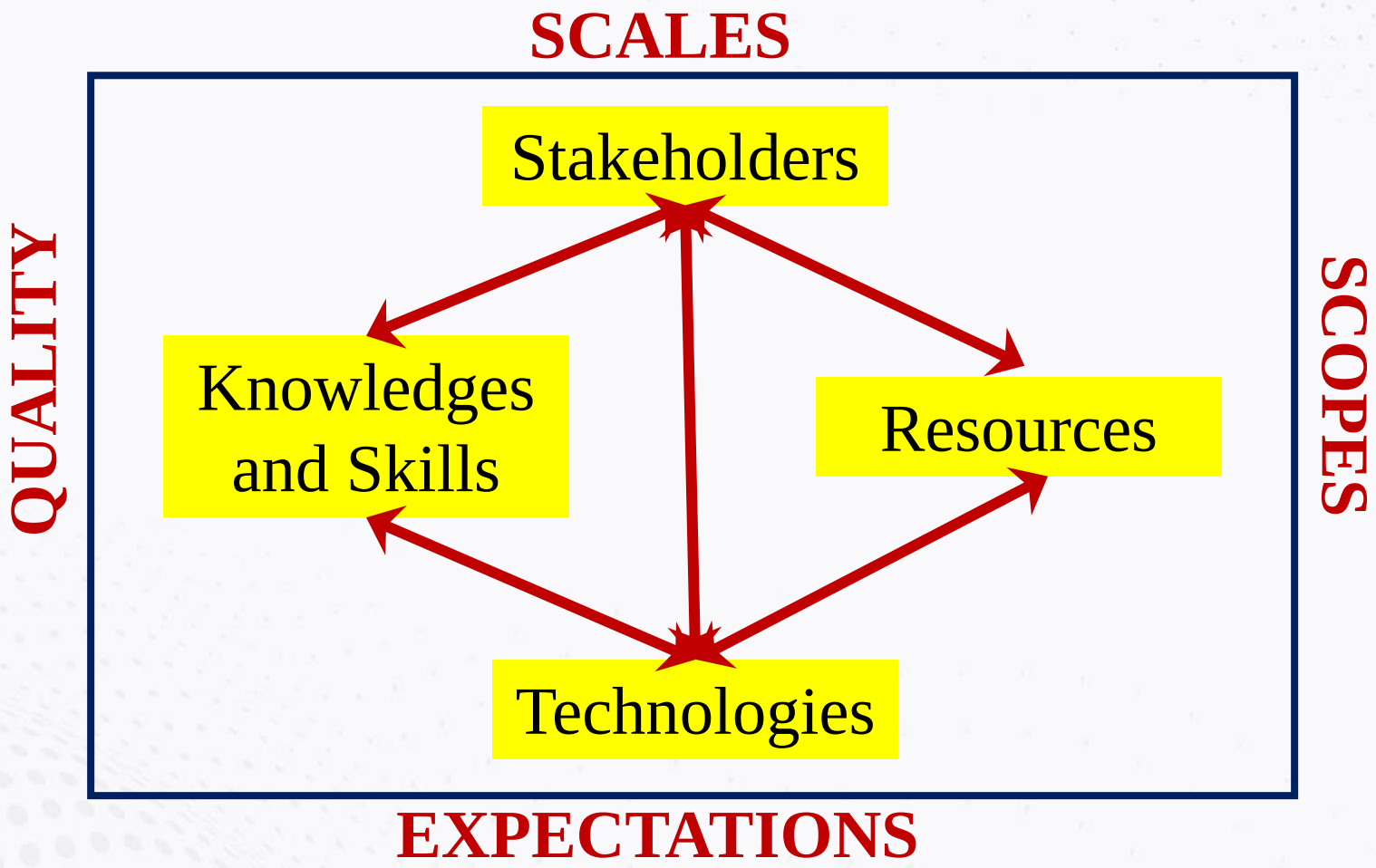
Supply based learning → Demand based learning

How to provide the learning ability to all students

Enabling → Empowering

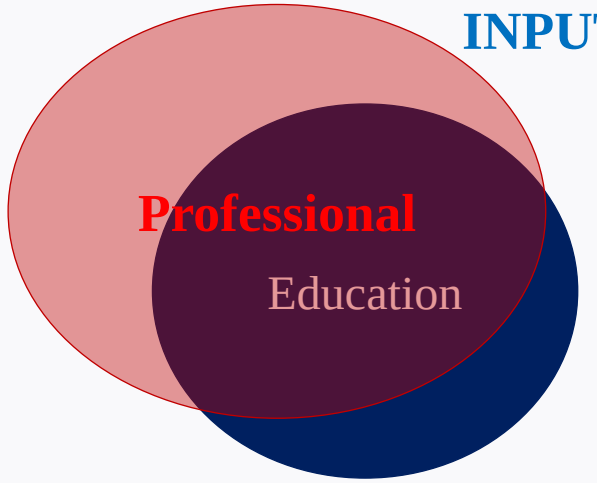
Degrees → Outcomes/Skills

Diversification : Keys for future success

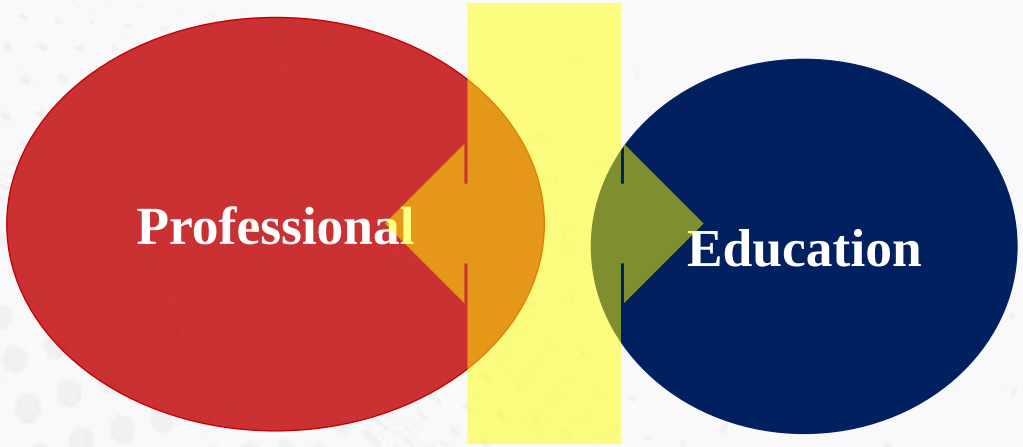


Engineering Education vs Engineering Profession

INPUT BASED



Think+Feel = Emotion (passion, trust, engagement, motivation,...) which drive the future of Mankind

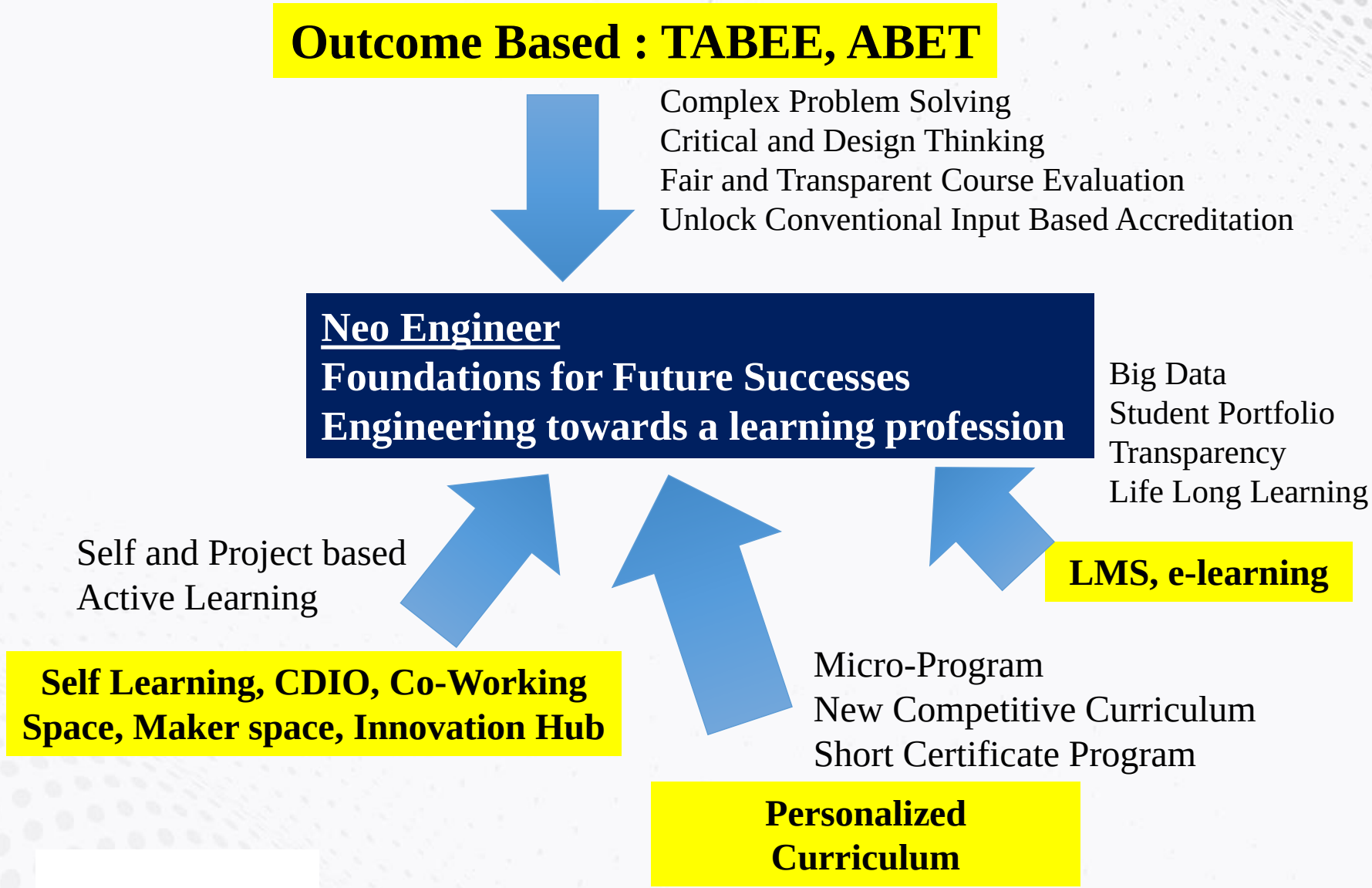


OUTCOME BASED (ABET, TABEE)

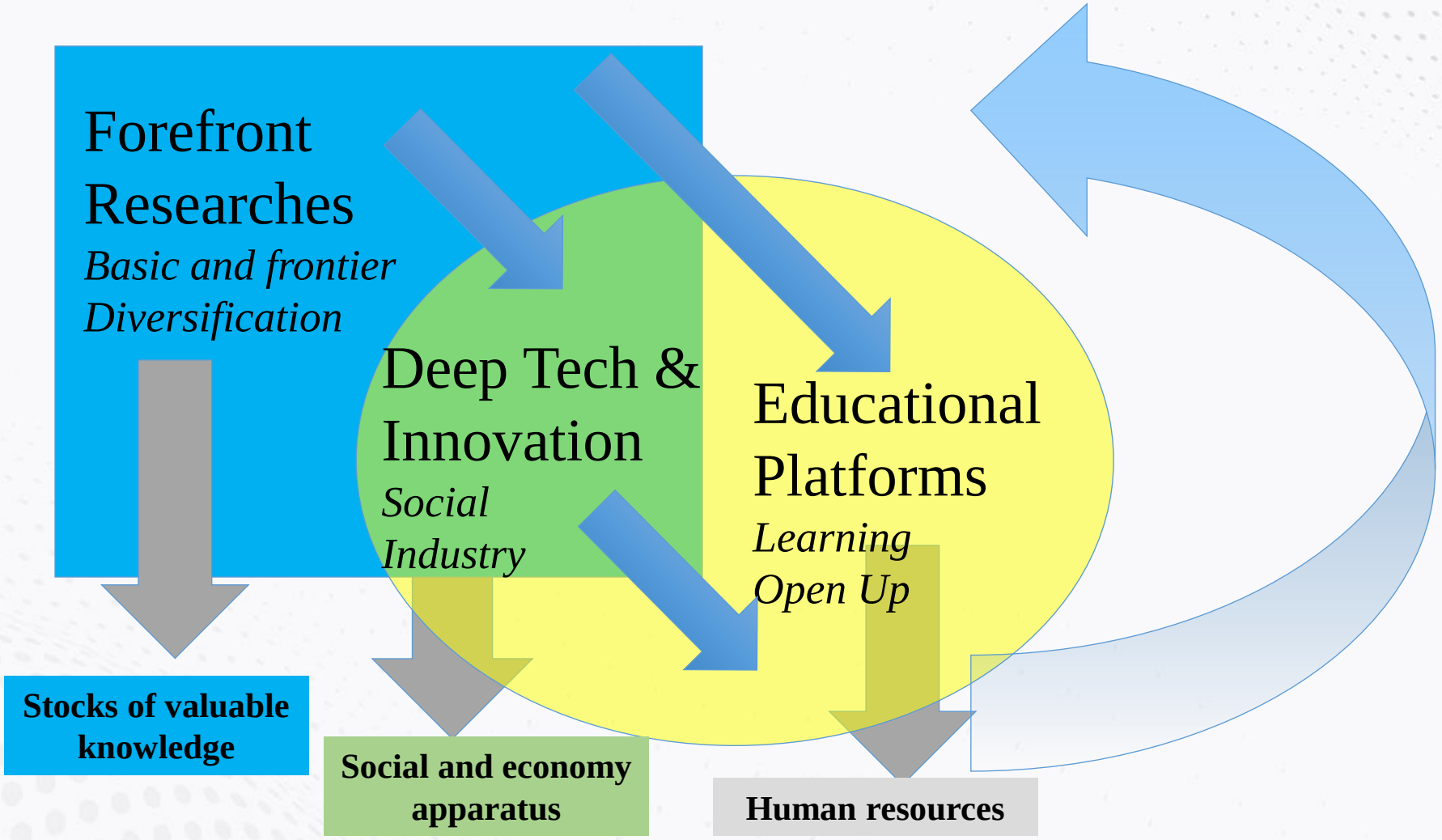
To be PLATFORMS

We are performing excellent in some of the areas, **BUT not best in all.**

The platforms provide more Integration and customer oriented researches and curricula, without compromising our deep tech. and knowledge.


Outcome Based : TABEE, ABET
Complex Problem Solving
Critical and Design Thinking
Fair and Transparent Course Evaluation
Unlock Conventional Input Based Accreditation
Neo Engineer
Foundations for Future Successes
Engineering towards a learning profession
Big Data
Student Portfolio
Transparency
Life Long Learning
LMS, e-learning
Self and Project based
Active Learning
Self Learning, CDIO, Co-Working Space, Maker space, Innovation Hub
Micro-Program
New Competitive Curriculum
Short Certificate Program
Personalized Curriculum

Forefront Research .V.S. Education and Technology **Platforms**



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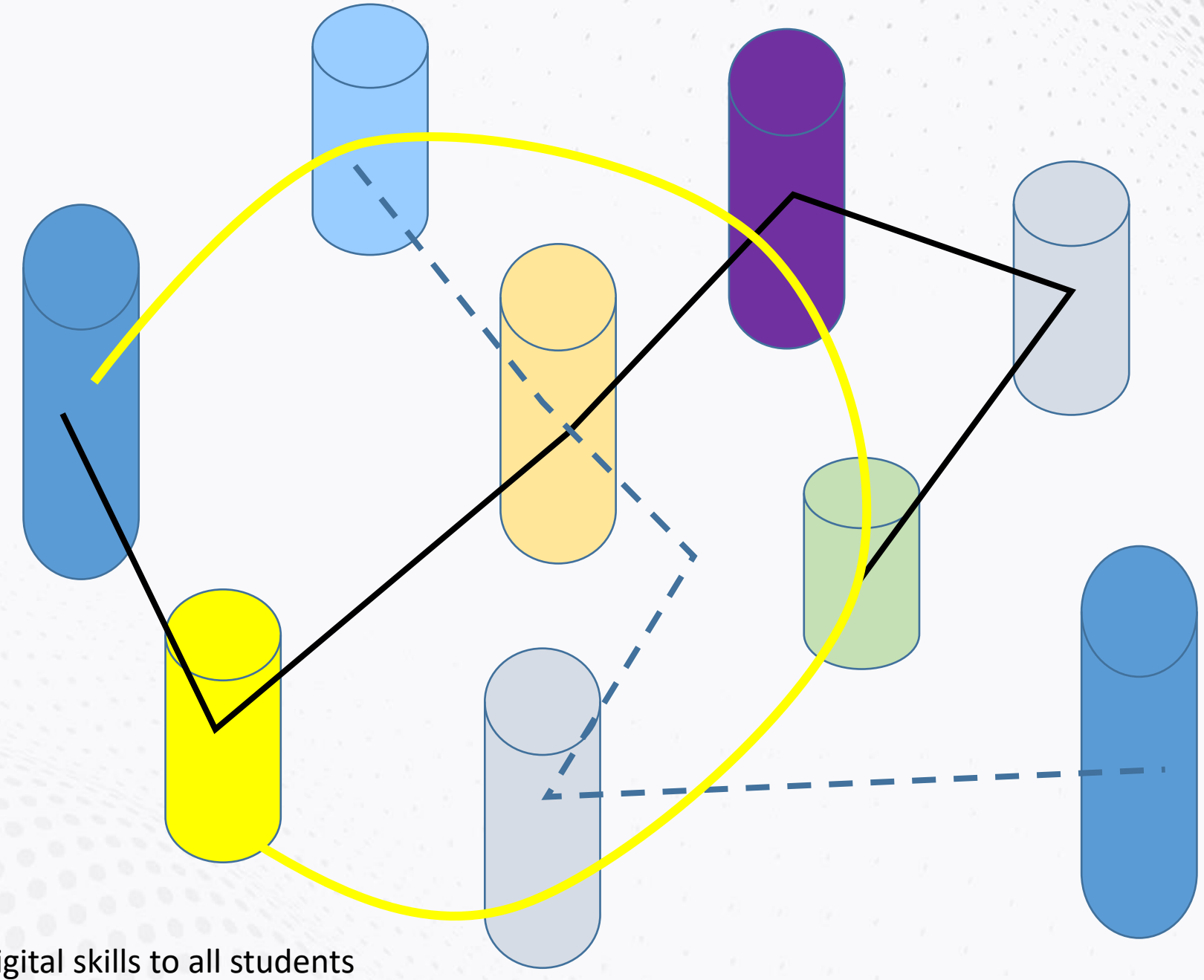

Embeded Digital skills to all students