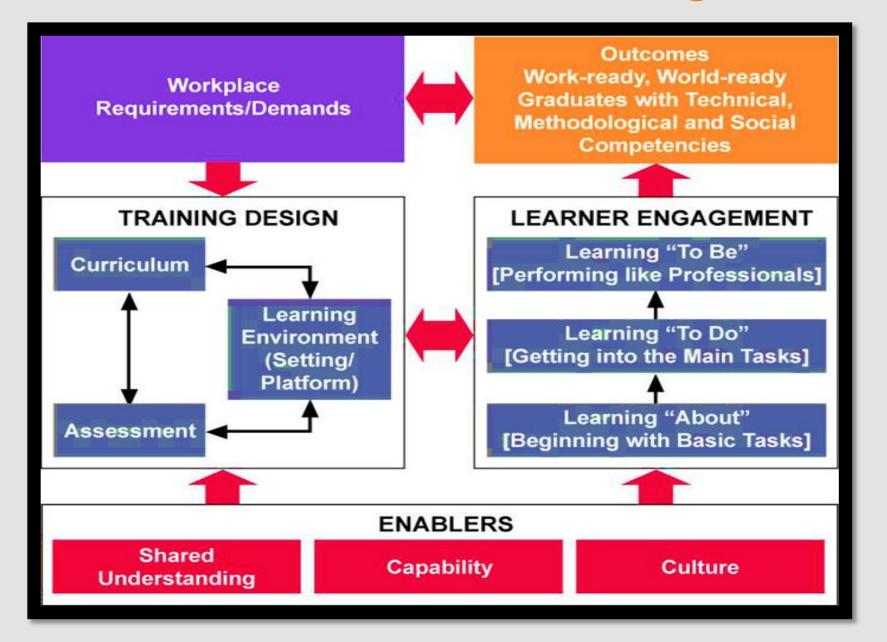# Significance of TVET Infrastructure & Pedagogic Innovation

- Beyond the building – Creating a fun and engaging learning environment; an education wonderland; a home away from home for the students

- Modern and comprehensive hardware complemented by innovative software and passionate heartware for the holistic development of students

Significance of TVET Infrastructure & Pedagogic Innovation

- An authentic learning facility to prepare work-ready skilled workforce

- A hot-spot for industry practitioners to collaborate and co-create relevant TVET training programmes

- An 'out-of-this-world' or 'talk of the town' TVET training facility to build positive image and create value for TVET

What is Authentic Learning

Why Authentic Learning

01 INTEREST
Exploring how things work in the real world and developing career interest

02 NEED
Turning crisis and constraints to training reality

03 DEMAND
Producing work-ready graduates to meet the needs of industry

04 LEARNING
Designing fun and engaging learning activities suited for kinesthetic learners

05 INNOVATION
Learning beyond the tradition and textbooks, job redesign and enlargement

Innovative & Industry-Relevant Discipline-Specific Pedagogy

Vocational (Working) Knowledge

Knowledge of **work systems, structures, organisation, processes, tasks, methods, routines and tools.**

Technological (ICT) Knowledge

Knowledge of **information and interactive media technologies** that can affect students' **information processing, critical thinking, problem-solving, collaboration and communication** during their learning**.**

Vocational Pedagogy (Discipline-Specific Pedagogies)

Content (Subject) Knowledge

Knowledge of **facts, concepts, theories and procedures** as well as explanatory frameworks that organise and connect ideas and the rules of evidence and proof **within a given field**.

Pedagogical Knowledge

Knowledge of **how people learn** and **strategies and methods of instruction and assessment**, including overall **educational purposes, values and aims**.