

ITE's Response to the New Wave of Industry Transformation

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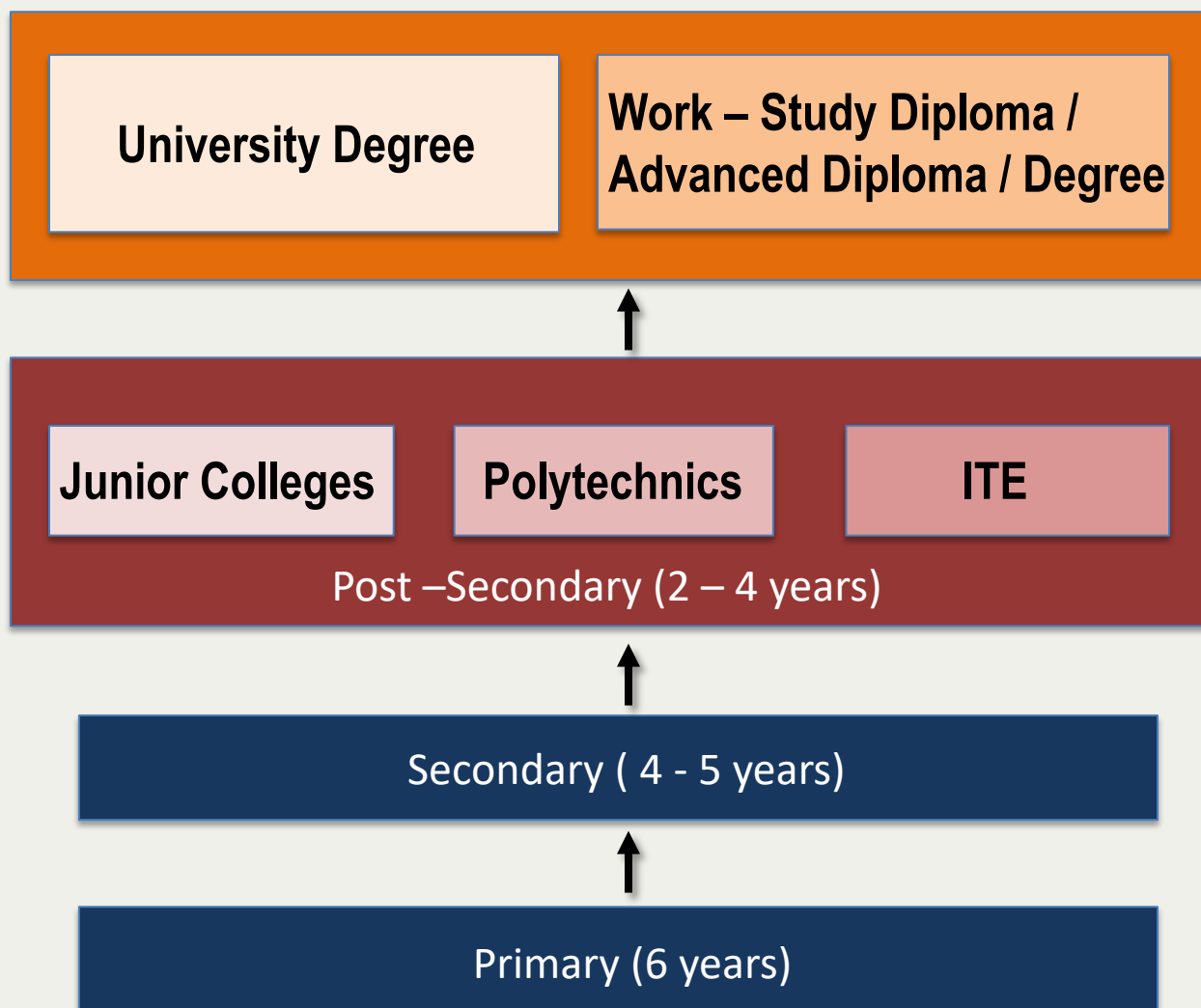


SESSION 5B
Innovative Models
of Teacher
Development in
TVET
28 Aug 2019



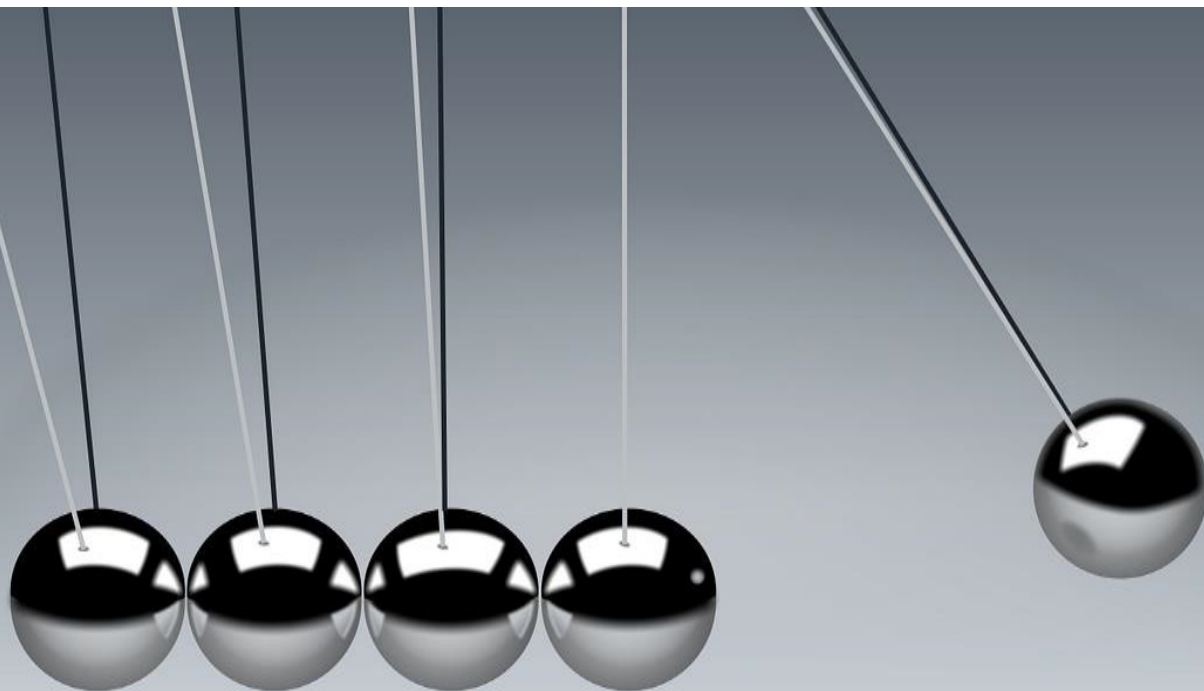
Singapore's Education & Training System

Emphasis : Lifelong Learning





ITE's Response to the New Wave of Industry Transformation






Reinventing ITE for Economic and Industry Transformation





Reinventing ITE for Economic and Industry Transformation




Discipline-Specific
Pedagogies [DSP]
**Learning to DO,
Learning to BE**

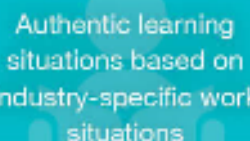


A NEW PARADIGM IN TVET TEACHING AND LEARNING


Discipline-Specific Pedagogies (DSP) make our classrooms come alive with:



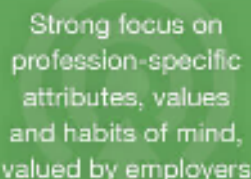
Innovative
contextualisation of
pedagogies



Authentic learning
situations based on
industry-specific work
situations



Engaging
student-centric
learning activities



Strong focus on
profession-specific
attributes, values
and habits of mind,
valued by employers

KEY **AIM** OF DSP

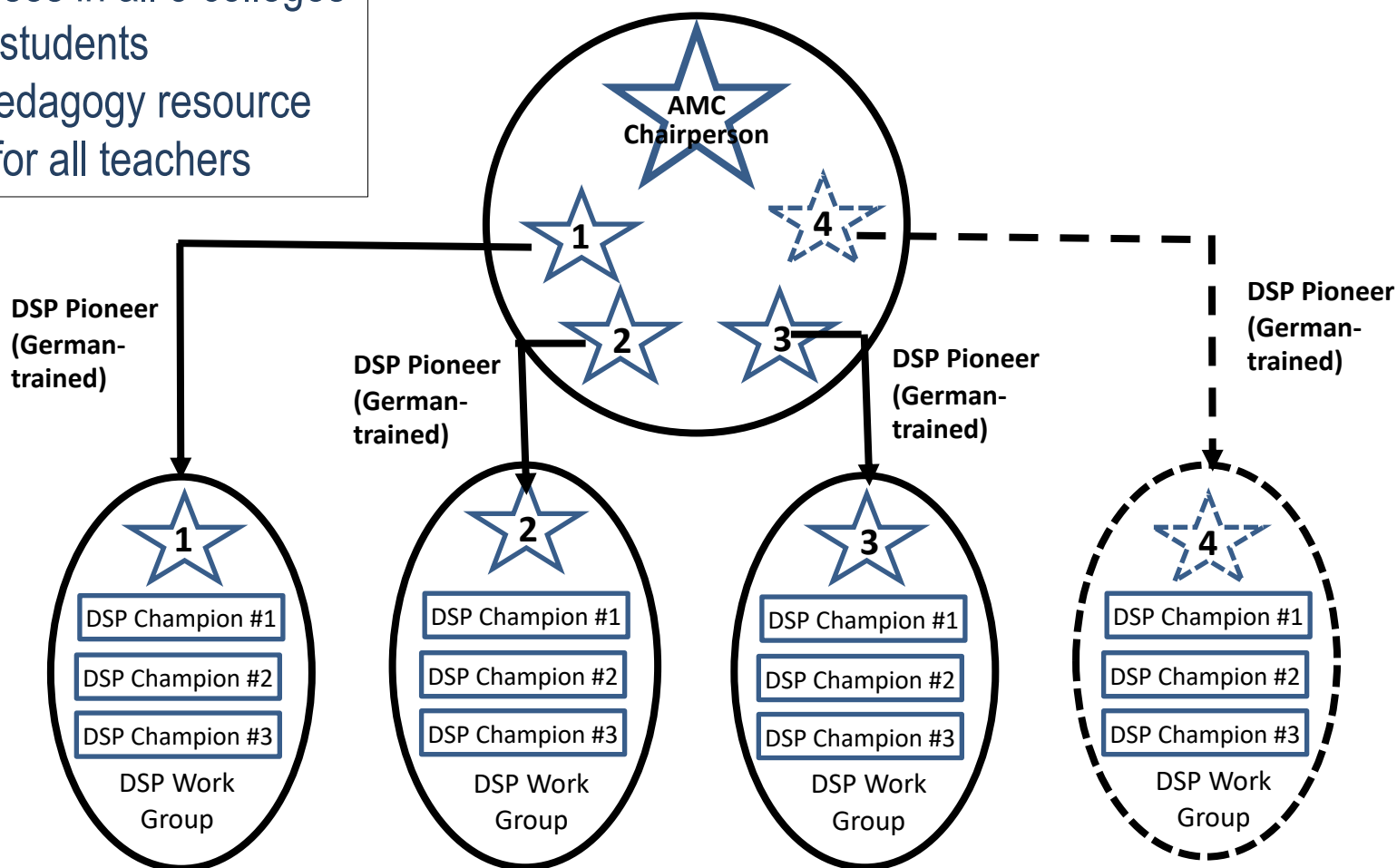
Transforming ITE students from *Learning to Do*
to *Learning to Be* skilled professionals



Change Management : A Top-down & Bottom-up Approach

- 250 (15%) teachers trained
- 100 classes in all 3 colleges
- > 3,500 students
- online pedagogy resource system for all teachers

Leadership by Trade Cluster





Enablers

SKILLS *future* SG

1

- National SkillsFuture initiative
 - work-study programme

2

- Strong Industry Partnership
 - >2600 employers as co-training partners
 - > 200 active industry partnerships for capability development & industry updates





3

Investments in Teacher Training & Authentic Learning Infrastructure



ITE Academy



Aerospace Hub



Centre for Healthcare Simulation



Hotel@College West



Bringing out the best in ITE students... by instilling professional habits of mind, values and dispositions

“



My training in ITE has laid the foundation for my career in ExxonMobil. Both the theory and practical lessons are applicable to my day-to-day work. ITE's training is aligned with current industry standards and the foundation has helped with the success of my transition to my work.

Karzaily Karazin

Senior Process Technician
ExxonMobil, Process Operations
Nitec in Chemical Process Technology



I learned that skills is not the factor to determine everything. Most importantly is to have the correct mindset and heart to do our great products. As skills can be trained while mind and heart can't.

Maggie Ow Mei Qi

Nitec in Pastry and Baking

Maggie is competent. She is able to run the complete 'Dessert Table' line independently with minimal supervision.

Don Tok, Founder & Owner
Cakeinspiration

”



Thank You

Terima Kasih

Salamat

धन्यवाद

Dankeschön

谢谢

Khop tchaï laï laï

고맙습니다

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ကျေးဇူးတင်ပါတယ်

grazie

ขอบคุณ



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