Higher Order Thinking Skills in Higher Education (HOTS)

**INTRODUCTION**

Thinking is teachable and learnable. Now, almost all educational reformers suggest that thinking skills should be taught to all students (Rajendran, 2008).

Although the teaching of HOTS has also been emphasised and has been named as one of the core areas in the Malaysia Education Blueprint (2013-2025), lots need to be done, especially in terms of preparing teachers to infuse thinking skills in the teaching and learning processes.

The challenges brought about by IR4.0, the need for 21st Century Skills, and advancement in the field of information technology, make vital that educational institutions from pre-school to the tertiary levels pay special attention to teaching their students HOTS and also ensure that they are able to employ those skills in the work place and in everyday life.

**DESIGNED FOR**

Designed for educators from the pre-school to the tertiary levels to provide with professional development opportunities to infuse HOTS in their teaching and learning processes.

**PROGRAMME OBJECTIVES**

At the end of this programme the participants will be able to:

- Explain the need to teach thinking skills including in relation to the challenges of IR4.0 and 21st Century Skills;
- Explain the various terminologies and frameworks in the area of teaching thinking;
- Explain and write in detail about the various core thinking skills;
- Incorporate various approaches, strategies, and techniques to infuse HOTS in the teaching and learning processes;
- Explain and use various assessment techniques to assess the acquisition of HOTS by their students; and
- To prepare a model lesson plan which has incorporated HOTS in the teaching and learning processes and will be able to conduct a micro-teaching session.

**YOU WILL LEARN**

**TO INFUSE THINKING SKILLS IN THE TEACHING AND LEARNING PROCESSES.**

**WORKSHOP OUTLINE**

- The Background and the Need to Teach Thinking Skills
- Strategies and Techniques to Infuse HOTS in Teaching and Learning.
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