Fengchun MIAO

UNESCO Bangkok

Curriculum Development Workshop, Workshop on ICT-pedagogy Integration, and Others

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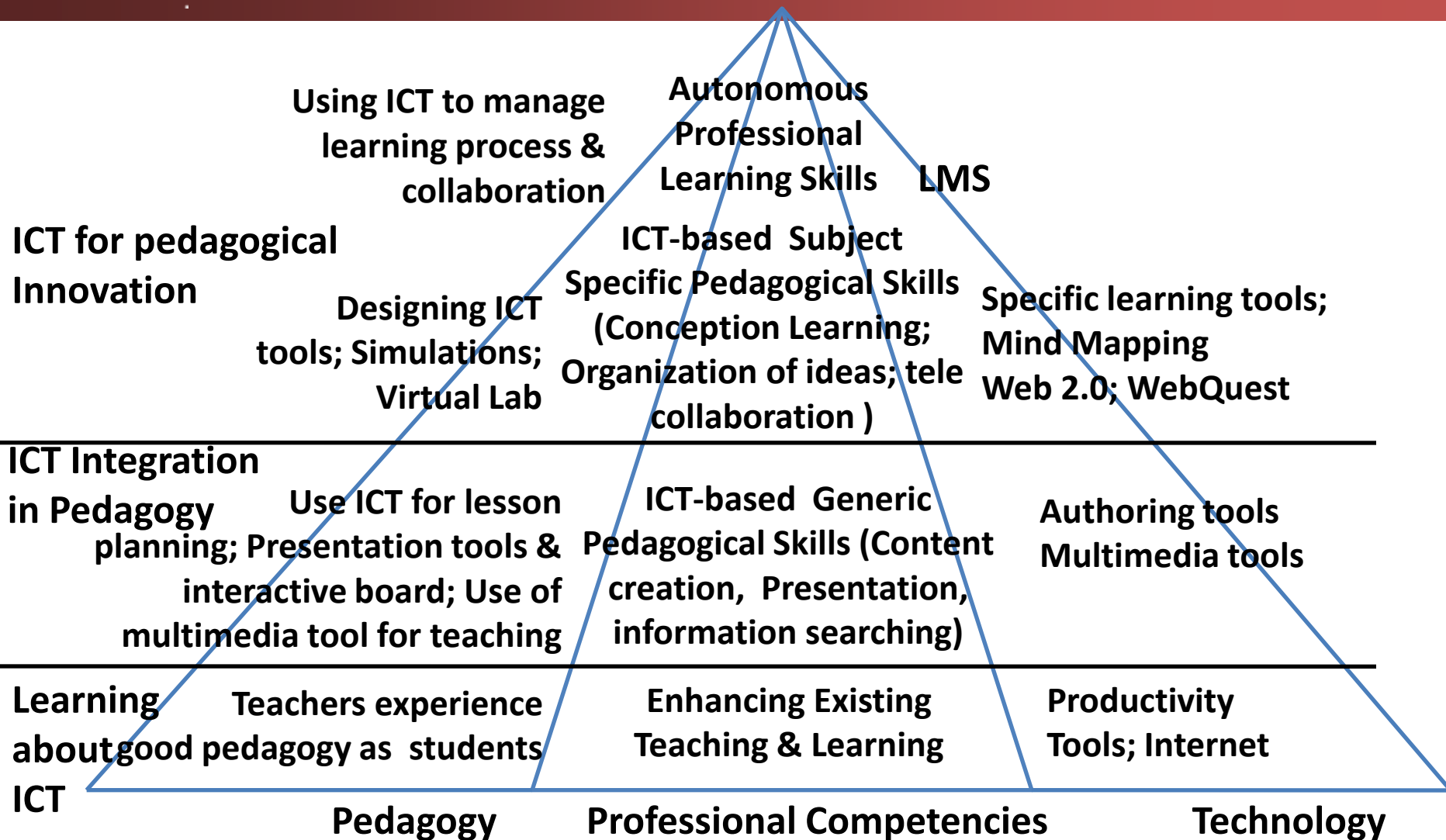Educational, Scientific and
Cultural Organization

I. Overall goal: To provide the necessary guidance to a country or institutions to define and review, update existing or develop new training courses on ICT-integration for pre-service teachers.

II. Objectives

- Help **TEIs** identify priority of curriculum improvement and review current training course on ICT in education
- Build capacities of **curriculum developers** in developing new training courses on ICT-pedagogy integration
- Build capacities of **teacher educators** in understanding and providing newly-developed training courses

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Cultural Organization

ICT for pedagogical Innovation

Using ICT to manage learning process & collaboration

Autonomous Professional Learning Skills   LMS

ICT-based Subject Specific Pedagogical Skills (Conception Learning; Organization of ideas; tele collaboration)

Designing ICT tools; Simulations; Virtual Lab

Specific learning tools; Mind Mapping Web 2.0; WebQuest

ICT Integration in Pedagogy

Use ICT for lesson planning; Presentation tools & interactive board; Use of multimedia tool for teaching

ICT-based Generic Pedagogical Skills (Content creation, Presentation, information searching)

Authoring tools Multimedia tools

Learning about ICT

Teachers experience good pedagogy as students

Enhancing Existing Teaching & Learning

Productivity Tools; Internet

Pedagogy   **Professional Competencies**   **Technology**

Draft Agenda of Five-Day Curriculum Development Workshop

	Morning session	**Afternoon session**
Day 1	Goals of the curriculum ▪Vision of the 21st Century Skills ▪Four Stages of ICT-based Learning ▪Illuminate direction – curricular examples from other countries (Korea, China, Thailand) ▪Identification of gaps and decision of actions from the "menu"	Mapping out the Framework ▪Baseline assessment from the country ▪Understand the limits of technology that you want to reach (Knowing the cost and added value) ▪Diagnostic study on local framework
Day 2	Introduction to suggested content modules based on stage I-IV	Identify content focuses based on situational analysis, design the course structures for 1 course with units
Day 3	Take one unit as an example for training on curriculum development: Objectives, content, suggested teaching and learning process; suggested assessment	Group work of participants to design other units (break-up sessions)
Day 4	Group reports	Review and suggestions
Day 5	Revision	Action planning

I. Course package
- Activities/ Projects/ Tasks/ Essential Questions
- Lesson plan samples + templates
- E-portfolio (online) + rubrics (Formative assessment)
- Examples of performance-based assessment (test items + rubrics) (Summative assessment)

II. Course design template – Step-by-step guidance on course / unit design and writing: Needs analysis → Course objectives → Content structure → Suggested teaching & learning process (pedagogy) →Suggested assessment

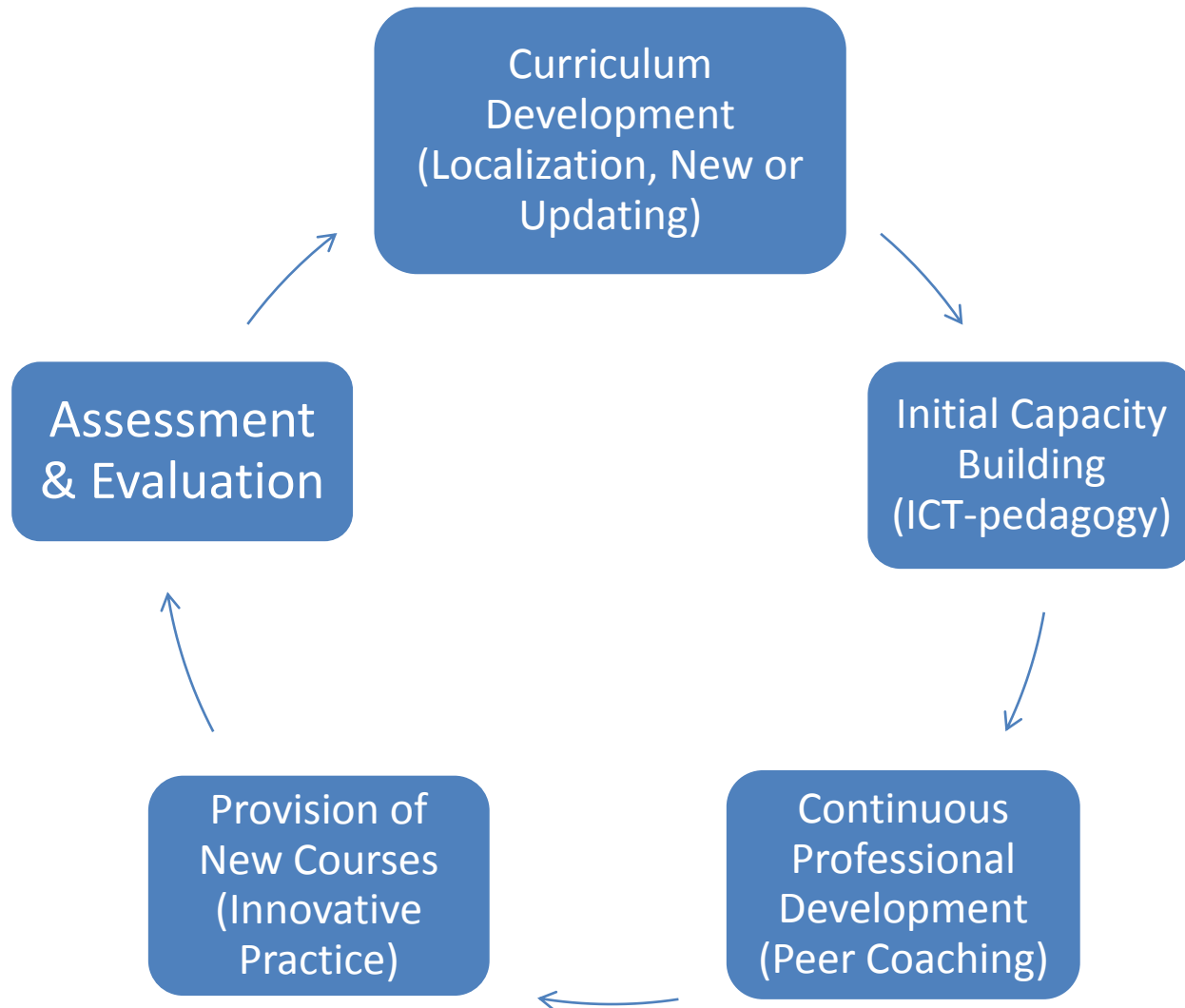III. Case studies from various countries

Workshop on ICT-pedagogy Integration

- 5-day separate workshop or embedded in curriculum development workshop

- Regional Guideline and ICT Competency-Based Standard for Teachers

- ICT-Pedagogy Integration for Teacher Educators: Content Framework & Methodology – ICE Cream Cone Model

- Effective Training Strategy on ICT-Pedagogy Integration: Pedagogical Principles and Practical Showcases

- Hands-on practices of ICT-based unit/lesson design

- Software, webtools, and multimedia for educators

- Promethean ActivClassroom ICT equipment for selected TEIs to pilot test and research pedagogical impact of interactive learning technologies on teaching and learning. Details of Promethean ActivClassroom is available at www.prometheanworld.com.
- Training courses for the five TEIs will be provided in English (Face-to-face and/or online)
- All teachers will also be able to join the community - Promethean Planet at www.prometheanplanet.com.

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