



ICT in Teacher Professional Development



Dr. Sombat Suwanpitak;

Assoc. Prof. Dr. Santi Wijakkanalan;

Dr. Wiphada Wijakkanalan;

Mr. Nithitad Kitivisara

National ICT Policy: ICT 2010 (2001-2010)

ICT 2010 identified five main flagships:

- 1. E-Society: covering issues such as digital divide, quality-of-life, culture, health, public participation;
- 2. E-Education: involving issues of life-long learning, computer literacy, human resource development;

National ICT Policy: ICT 2010 (2001-2010)

- 3. E-Government: including public service via electronic service delivery, employment, legal, infrastructure;
- 4. E-Commerce: focus on e-services, finance, tourism and IT services;

5. E-Industry: focusing on e-manufacturing and IT-related industries

National ICT Master Plan I (2002-2006)

National ICT Master Plan was emphasized on four major goals :

- 1. To develop and raise the economy of the nation by using ICT;
- 2. To increase the potential competition in ICT industry;

National ICT Master Plan I (2002-2006)

- 3. To develop human capacity by using ICT in education and training;
- 4. To strengthen the community in remote area to achieve sustainable development of the nation

National ICT Master Plan II (2009-2013)

Vision: Smart Thailand through ICT Use

 Developing and using ICT according to His Majesty the King's "Sufficiency Economy" theory

 Increasing smart and information literacy of ICT human resources

National ICT Master Plan II (2009-2013)

Vision: Smart Thailand through ICT Use

- Enabling to access and utilizing ICT for sustainable growth of the nation
- Developing good ICT management and smart governance frameworks.

Strategies of ICT Master Plan II (2009-2013)

- Strategy 1: Increasing ICT human resources in both quality and quantity
- Strategy 2 : Developing good governance frameworks for national ICT governance
- Strategy 3: Continuing to develop basic infrastructure in order to minimize digital divide

Strategies of ICT Master Plan II (2009-2013)

- Strategy 4 : Achieving ICT management governance
- Strategy 5 : Supporting manufacturing, empowering businesses and the ICT industry
- Strategy 6: Increasing smart and skillful ICT workforce and utilizing ICT for sustainable growth of the nation

Strategies of ICT Master Plan II (2009-2013)

Strategy 1: Increasing ICT human resources in both quality and quantity

Focusing on two main target groups

- ↑ 1. The personnel in the ICT profession (Students/Learners and Teachers in the school/college/university etc.)
- ↑ 2. The personnel working in other professions as well as the general people (including elder or handicapped people, minority groups etc.)

Eight education policies

- 1. Reform the entire education system
- 2. Encourage the private sector to participate in the development of the educational system

3. Develop teachers, professors and education sector personnel to ensure that there are good, capable, virtuous and quality teachers

4. Ensure that everyone in provided with access to 15 years' cost-free education

- 5. Raise vocational and high level education to the level of excellence
- 6. Improve the management of the student loan fund

7. Encourage children, youth and the people generally to make constructive and intelligent use if IT

8. Accelerate investment in education and integrated learning at all levels.

Policy on Teacher Development

Education Policies of

Mr. Chinnaworn Boonyakiat, Minister of Education of Thailand

- 1. Provision of Quality, Life-Long Learning
- 2. Sustainability of 15-Year Free Education with Quality Project
- 3 One Outstanding School for Each Sub District



Policy on Teacher Development

Education Policies of

Mr. Chinnaworn Boonyakiat, Minister of Education of Thailand

4. Upgrading the Quality of Education in Southern Provinces

5. Setting Up Low Cost Learning Centres

Policy on Teacher Development

Education Policies of

Mr. Chinnaworn Boonyakiat, Minister of Education of Thailand

6. Integration of Existing Networks in a National Education Network

- 7. Teacher Development and Welfare
- 8. Knowledge Management in the fields of Science, Mathematics and Technology

MOE's ICT Master Plan (2011-2013)

Emphasizes on two major goals:

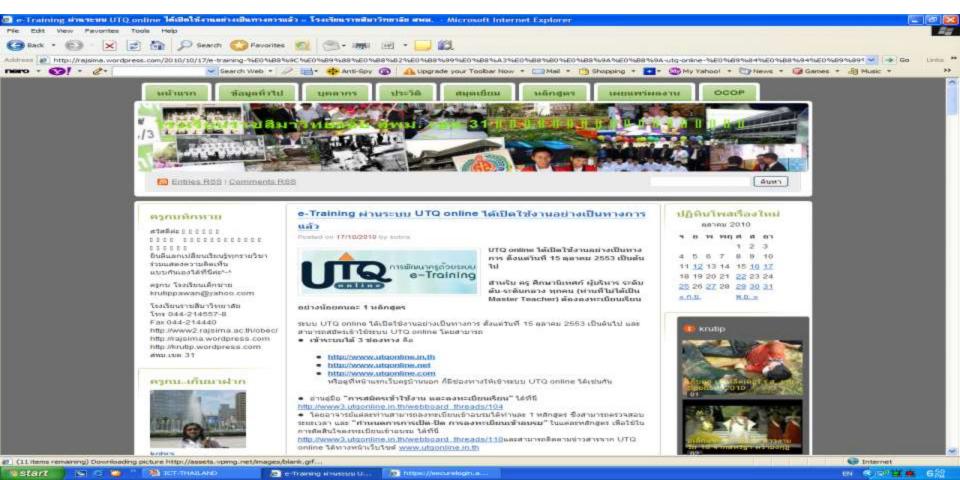
- **© GOAL 1**: To develop the 3Ns of the MOE's ICT:
 - 1.1 National Education Network (NEdNet)
 - 1.2 National Education Information System (NEIS)
 - 1.3 National Learning Centre (NLC)

MOE's ICT Master Plan (2011-2013)

- GOAL 2 :To develop the ICT Involved Personnel
 - 1.1 Learners/ Students
 - 1.2 Teachers/Professors
 - 1.3 Education Sector Personnel



Model A: UTQ online



Model A: UTQ online

- © Concept:
 - E-Training (self learning) for teachers and educational personnel who can access learning anywhere and anytime

Consist of 32 Modules (8 Core Modules and 24 Specific Modules)

Model A: UTQ online

- © Content of 8 Core Modules :
 - 1. Curriculum and evaluation
 - 2. Quality assurance
 - 3. Integrated teaching method for small school
 - 4. Using ICT for teaching and learning

- © Content of 8 Core Modules :
 - 5. Action research for quality development in education
 - 6. Organizing the student camping
 - 7. Curriculum administration
 - 8. Innovation of coaching and school supervision

Content of 24 Specific Modules:

- **■**. There are 24 specific modules/subjects in 12 areas
- 1. Thai language (2 subjects) 2. Mathematics (2 subjects)
- 3. Science (3 subjects) 4. Social Science (3 subjects)
- 5. Art (3 subjects) 6. Foreign language (2 subjects)

ICT in Teacher Professional Development

Developmental Model on ICT in Teacher Professional Development

Model A: UTQ online

Content of 24 Specific Modules:

- 7. Vocational and technology (1 subjects)
- 8. Health and Physical Education (2 subjects)
- 9. Learners' development (2 subjects)
- 10. Childhood (1 subjects)
- 11. Librarian (1 subjects)
- 12. Special Education (2 subjects)

- © Learning Process:
- ① Entering to E-training (UTQ) website at: www.utqonline.com
- Filling out username and password
- ① Checking your personal data and edit if have any mistakes
- Evaluation
- Awarding the certificate
 - © Learners: Directors/Headmasters, Teachers and Educational staff



Model B: Thai Teacher TV



Model B: Thai Teacher TV

Initiated by Office of the Higher Education Commission

Concept: "Being a professional teacher not just being a teacher profession"

Model B: Thai Teacher TV

- ⇒ Selecting the successful teaching and learning technique (best practices) as the role model
 - ⇒ Concise : Time duration in each video clip equals just to take a cup of coffee (not more than 15 minutes)
- ⇒ Making video clip through the real situation
- ⇒ Arousing the inspiration of teachers for positive changing
- ⇒ Visit at website : http ://www.thaiteachers.tv



Thank you