Reinvigorating National Telecommunication Training and Research Institutes for Innovation

Topic: Models and Funding

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TOT Public Company Limited
Agenda

- Our Changing Roles
- Our Key Missions and Initiatives
- Our Management Models and Funding
- Q&A
Our Changing Roles
Established by ITU in 1964
Since 1995: from In-House Training Center to TOT Academy
Our Vision and Motto . . .

We strive to be one of the leaders in ICT learning solution providers in South East Asia.

We strengthen your success

<table>
<thead>
<tr>
<th>Sector</th>
<th>Staff</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICT Training and Development Sector</td>
<td>25</td>
</tr>
<tr>
<td>Business Management Training and Development Sector</td>
<td>26</td>
</tr>
<tr>
<td>Knowledge Development and Learning Support</td>
<td>11</td>
</tr>
<tr>
<td>HRD Technology Management and Support</td>
<td>17</td>
</tr>
<tr>
<td>Business Development and Planning</td>
<td>9</td>
</tr>
<tr>
<td>General Support and Service</td>
<td>23</td>
</tr>
</tbody>
</table>

6 sectors with 119 staff
Our Key Missions and Initiatives

“Train multi levels with multi skills”
Our Key Missions

1. Corporate Level
   - In-house training center for TOT Public Company Limited
   - Corporate / Public Training

2. National Level
   - Supporting national ICT skill / competency development (skilled ICT practitioners)

3. International Level
   - International Training and Workshop
We have served more than 30 organizations in developing their employees’ ICT skill and related knowledge in the areas of telecom technology, computer and application, business management, and certification preparation training project.
Key Activity to Stimulate Technical Skill Development

“The Best TOT Technician Annual Competition”
Key Activities to Stimulate Knowledge Management

- COP: Community of Practice
- Learning Corner

Central Website for Knowledge Management (KM) of TOT

TOT Knowledge – Based Society
National Level

**Pre-career Program**
- To prepare students / candidates to be ready for ICT labor market / industry → standardized skilled labors

**Public Service**
- National Skill Standardization Center
- To educate interested parties by providing public training and seminar

**Government Project / Activity**
- To support the government projects / activities in human capacity building
Pre-Career Programs

To Support MICT Policy to bridge the digital divide throughout Thailand

Broadband Access Network Project

Chitralada school (Vocational Section) for telecommunication subject
Public Services

• Appointed by the Department of Labor and Skill Development to be the National Skill Standardization Center in Telecommunication Industry in Outside Plants and Data Communications

License of The National Skills Standards Testing Center

Example of Offered Curriculums

Outside Plants
- Certified Copper Cable Splicing (CCS)

Data Communications
- Networking Basic (e-Learning)
- Introduction to Router & IP Network
Government Projects

- Government Information Network Project (GIN)
- IPv6 Migration Project
- ICT Occupational Standard (TPQI)
- ASEAN ICT Skill Upgrading and Development
- Training public service officers (Government’s Complaint Center, the Prime Minister’s Office)
- ICT Community Learning Center Development for DE
- Public Training Program for ICT Learning Centers
International Level: ITU ASP CoE

2015
ITU Asia-Pacific Centre of Excellence in the area of Policy & Regulation and Broadband Access Node

- IPv6 Infrastructure Security (22\(^{\text{nd}}\) - 26\(^{\text{th}}\) Jun.)
- Green ICTs and Smart Grids (15\(^{\text{th}}\) - 18\(^{\text{th}}\) Sep.)
- Broadband Quality of Service – End User Perspective (27\(^{\text{th}}\) - 30\(^{\text{th}}\) Oct.)

2010 - 2014: ITU Asia-Pacific Centre of Excellence – Business Management Node

- Developing Human Resource Management Skills for Telecom Organizations
- The Spectrum Management System for Developing Countries (SMS4DC)
- 3G Network Cost Modeling
- IPv6 Migration Strategy for Telecom Service Providers
- NGN Business Planning
- International Mobile Roaming
- IPv6 Migration Strategy
- Wireless Broadband Roadmap Development
- Infrastructure Sharing Models and Practices
- IPv6 Infrastructure Security
- NGN Interconnection – Costing and Pricing
- IPv6 Infrastructure Security for Telecom Networks
- Strategic Costing and Business Planning for Quad-play
- Cloud Forensic
Provide professional ICT training courses for APT member countries

2010
- Network Security in Action
- Cognitive Radio Technology
- WiMax / LTE Technology

2011
- 3G Mobile Broadband
- IPv6 and Its Deploying Environments
- Technology and Application of IPTV
- Internet Age Revolution – 3G

2012
- Network Assessment and Traffic Measurement
- Routing Technique and IP Platform
- Cloud Computing Implementation and Application

2013
- The Evolution to 4G Design Challenge
- Introduction to Telecommunication Policy and Regulation (Phase 1: Online)

2014
- Fundamental Concept of Broadband Wireless Network (Phase 1: Online)
- Broadband Wireless Network Integration and Transition to 5G (Phase 2: F2F)

2015
- Broadband Policy Trends in 2015 (Phase 1: Online):
  Broadband Policy in the New Context (21st Sep.– 17th Oct.)
- Big Data and Its’ Applications (9th – 13th Nov.)
- Broadband Policy Trends in 2015 (Phase 2 : F2F): How to regulate the broadband policy for supporting the Digital Economy (14th – 18th Dec.)
- Fundamental Concept of Current Key Issues of Telecom Policy and Regulation (Phase 2: F2F)

International Level : Asia Pacific Telecommunity
Our Management Models and Funding

“Collaboration & Partnership Models”
Collaboration and Partnerships Network and Funding

Our Key Missions and Initiatives

“Train multi levels with multi skills”

- Government budget
- Partnership revenue sharing
- Project-self funding

National Skill Standard Development for ICT Professionals
Certified Programs and National Skill Standardization Center

Bachelor of Engineering in Communication Network

MBA in ICT

Certified Wireless Network Professional (CWPMP)
Certified Service Oriented Enterprise Professional (CSOEP)

Announcer in Broadcasting (NBTC)

- Certificate Program in ICT
- Open to ASEAN
- Bachelor of Engineering

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