

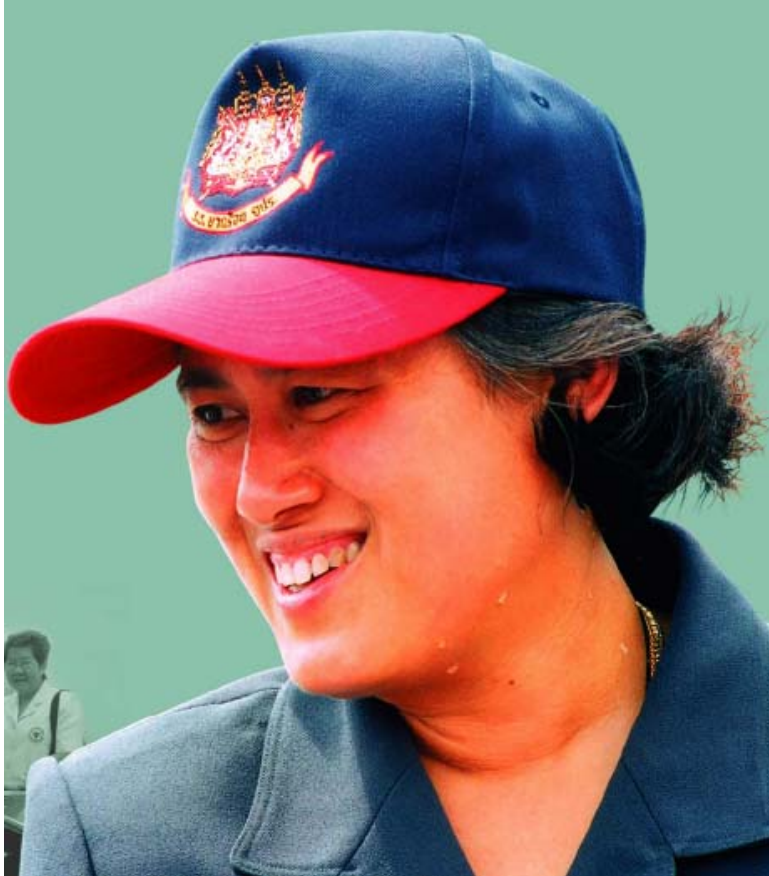


ICTs for Persons with Disabilities in Thailand:

Experiences from the
Information Technology Project under the Initiative of
Her Royal Highness Princess Maha Chakri Sirindhorn

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Information Technology Project under the Initiative of Her Royal Highness Princess Maha Chakri Sirindhorn



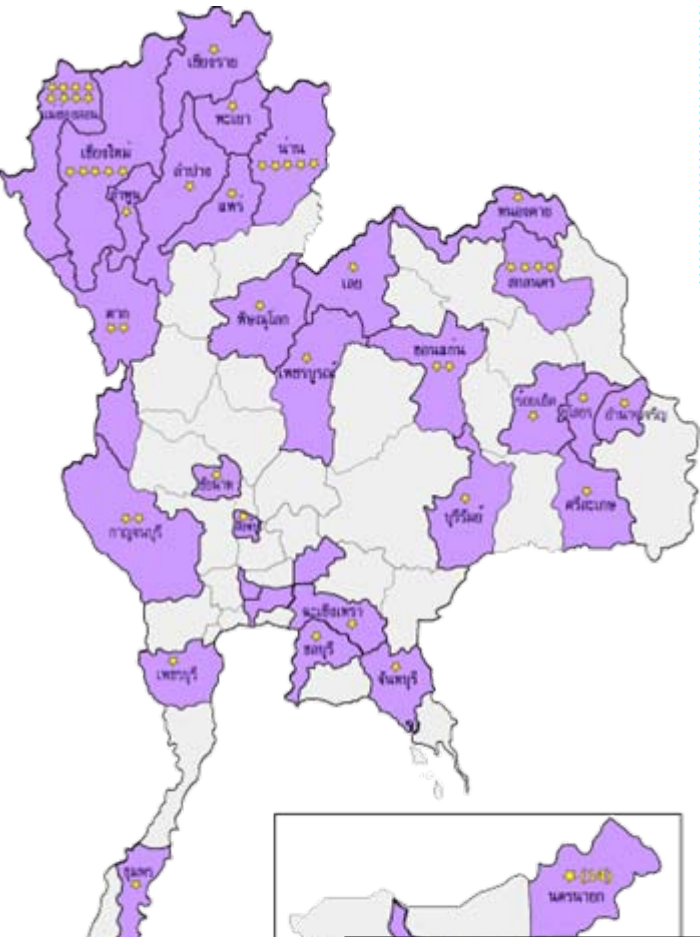
- ❖ Her Royal Highness Princess Maha Chakri Sirindhorn has set up the ICT Project since 1995
 - ✓ to enhance quality of life, improve education and increase employment opportunities of the disadvantaged.
 - ✓ to empower them to benefit from an increased use of ICT so that they can participate fully in economic, and social development of the country.
 - ✓ at the very least, Her Royal Highness's wishes that they can use ICT to earn their living once they complete their compulsory education.
- ❖ There is an executive Committee to oversee the implementation of projects and manage the fund.

The Information Technology Project under the Initiative of Her Royal Highness Princess Maha Chakri Sirindhorn Project

- **IT for Rural School Students**
- **IT for Chronic Children in Hospitals**
- **IT for Prison Inmates**
- **IT for People with Disabilities**



IT for Rural School Students: 85 Schools in 38 provinces



Content
Development

ICT integration

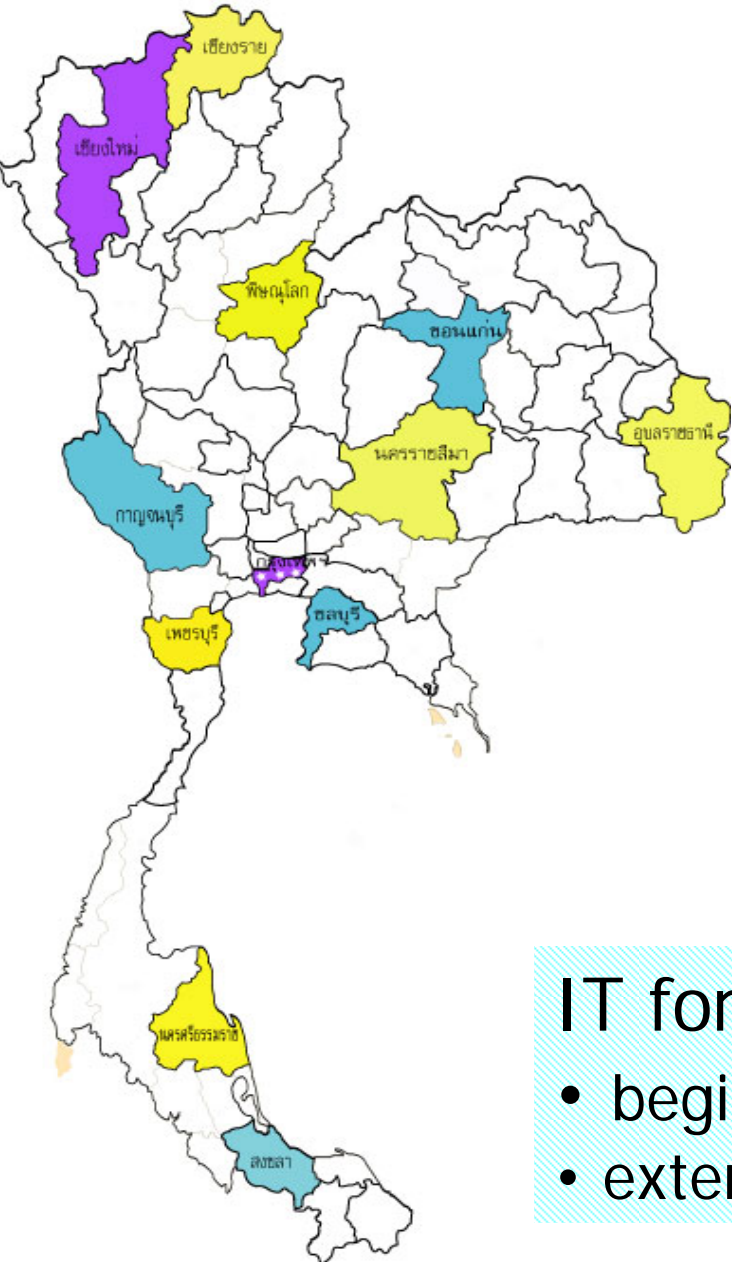
Teachers Development




School Management



Infrastructure
(PC, LAN, Internet connection)

จังหวัดที่ตั้งของโรงพยาบาล
ในโครงการเทคโนโลยีสารสนเทศเพื่อเด็กป่วยในโรงพยาบาล



-  4 hospitals (at beginning)
-  6 hospitals (first extension)
-  4 hospitals (second extension)



IT for Chronic Children in Hospitals:

- beginning with 4
- extending with another 10



IT for Prison Inmates

- Facilities in 29 prisons
- Software and PC Repairing Training
- Certificates & Degrees Offered



IT for People with Disabilities

- activities in daily living
- pwds in rehabilitation
- students with disability in education
- pwd's employability



IT for daily living(1)



Toyeebah Suemae:

- congenital 19 years-old amputee, missing both upper and lower limbs
- lives in Narativas province with her dearest family, under Her Royal Highness Princess Maha Chakri Sirindhorn's patronage,
- was provided some appropriate assistive technology to do activities in daily living :
 - access around her house and school,
 - capable to study,
 - do activities with friends and others.
- Now she is studying in grade 10 at Narasigkhalai School.
- Her specialization is singing and a master of ceremony in social activities in her school.



IT for daily living(2)



school mobility with
electric wheel chair



Transportation between
home and school



group learning class



using computer

Abduloh Barahamae : congenital boy amputee



- 15 years old boy born with bilateral amputee living in Yala Province, Southern Thailand
- With experience in helping Toyeebah, Abdulloh was well-prepared to expose to the surrounding environment, under *Her Royal Highness Princess Maha Chakri Sirindhorn's patronage*
- He was provided with similar assistive technology as Toyeebah.

Bai Mon: a baby girl congenital amputee



- Bai mon is a 5 years-old little girl with no arms and legs.
- She was provided assistive technology to cope her activities in daily living.
 - ✓ Adapted toys to play with.
 - ✓ Adapted dish to eat by herself
 - ✓ Motorized wheelchair to move around by herself

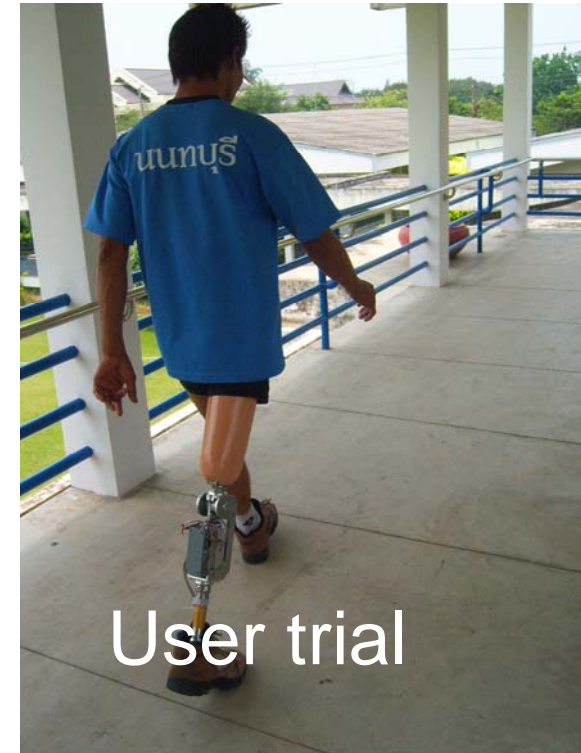
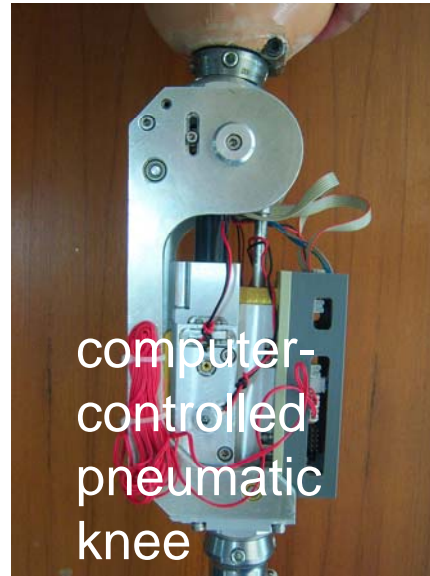
PWDs in Rehabilitation

Collaborative organizations

- Sirindhorn Rehabilitation Center
Ministry of Public Health
- Pra Monkut Klao Military Hospital
Ministry of Defence
- Prince of Songkhla University
Hospital

Prosthesis Research

- King Mongkut University Thonburi
- National Electronic and Computer
Technology Center



Rehabilitation for polices/soldiers injured while on duties(1)



Rehabilitation for polices/soldiers injured while on duties(2)



computer for memory
recovery for a police
lieutenant colonel



Leg and arm
prostheses
planning for
a private
amputated by
electrocute



a sergeant blinded
by explosive but now
fully recovered

IT for students with disability in education



Empowerment strategy for learning system in school

- ✓ *teacher training*
- ✓ *assessment students with special needs*
- ✓ *providing assistive technology to students*
- ✓ *Integrate IT in the classroom*
- ✓ *Annual Evaluation*

Science study program for the blinds



**Science camp
for blind
students**



Secondary schools:

- St. Gabriel's College (Bangkok)
- Boonyawat College (Lampang)
- Korat Pittayakom (Korat)
- Yuparat School (Chiang Mai)

University:

Thammasat University

Collaboration:

National School for the Blind
Tsukuba University

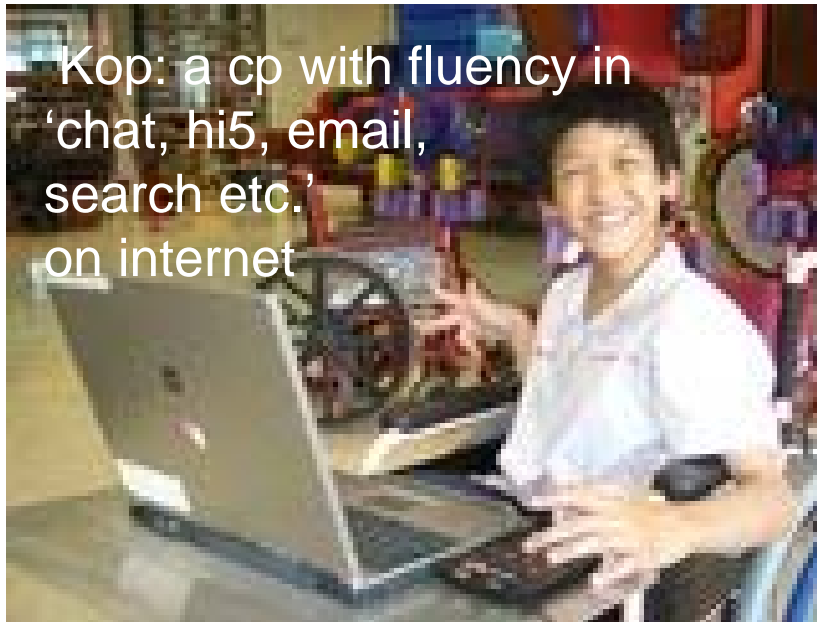
Srisangwan School(grade1-9) for physical challenged students (1)



Students use assistive technology as tools for learning



Srisangwan School(grade1-9) for physical challenged students(2)



(please visit our NECTEC booth to take the photo)

Kavila School (pre-school to grade 12, Chiang Mai) for intellectual challenged and autistic students



Pwd's employability

- ❖ Pikulthong is a woman who has inspiration to work in Cheschire Foundation to supervise the pwds who live in "Thong Yoo house".



Website: princess-it.com



โครงการเทคโนโลยีสารสนเทศตามพระราชดำริ สมเด็จพระเทพรัตนราชสุดาฯ สยามบรมราชกุมารี

:: หน้าแรก | รายละเอียดโครงการ | ข่าวที่น่าสนใจ | บทความ | การบริจาค | เว็บไซต์แนะนำ | คลังข้อมูล
ภาพ | ระบบฐานข้อมูล | ติดต่อ | Site Map::

สมเด็จพระเทพรัตนราชสุดาฯ สยามบรมราชกุมารี ทรงมีพระมหากรุณาธิคุณเป็นล้นพ้นแก่พสกนิกรชาวไทย ทรงตระหนักถึงประโยชน์และความสำคัญของ เทคโนโลยีสารสนเทศในการเสริมสร้างคุณภาพ และศักยภาพของเด็กไทยที่อยู่ ห่างไกลในชนบท ซึ่งเป็นผู้ด้อยโอกาสทางการศึกษา รวมทั้ง เด็กเจ็บป่วย ผู้พิการให้ได้มีโอกาสสัมผัสอุปกรณ์เทคโนโลยีสารสนเทศเพื่อการเรียนรู้ และอำนวยความสะดวกในการดำเนินชีวิตอันช่วยพัฒนาคุณภาพชีวิต และสร้างความเท่าเทียมในโอกาสทางการศึกษาอย่างล้นพ้นหาที่สุดมิได้

เว็บไซต์นี้ จัดทำขึ้นเพื่อเผยแพร่กิจกรรม และการดำเนินงานต่าง ๆ ภายใต้โครงการเทคโนโลยีสารสนเทศตามพระราชดำริฯ เพื่อให้ประชาชน ทั่วไปได้รับทราบ นอกจากนี้ ยังเป็นแหล่งข้อมูลให้แก่ผู้ที่สนใจได้เข้ามา ศึกษาหาความรู้ได้อย่างกว้างขวางอีกด้วย



Thank you

