



National Institute of Posts, Telecoms
and ICT (NIPTICT)



Ministry of Posts and Telecommunications
(MPTC)

Research & Development at NIPTICT

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NIPTICT is Founded in January 2014 by MPTC



Our Campus



School of Telecoms and Networking

School of Computer Science

School of Posts and Logistics

Research & Development Center



- 3 Missions
 1. **Provision of quality education and professional training** to government staffs and students.
 2. **Research** and advancement of knowledge
 3. Promote **innovation** and **entrepreneurship** for better academic and society services



Research and Development

- Fields of Interests:
 - ICT
 - Telecoms
- R&D Focus:
 - Natural Language Processing (International, regional and national level)
 - Rural ICT (National Level)
 - R&D for Industry (National level)

Natural Language Processing

(International, Regional and National Level)

- Goal: Be the research hub in Khmer language technology:
 - Speech Recognition, Speech Synthesis
 - Machine Translation
 - Optical Character Recognition
 - Text Processing
- Strategy:
 - Cooperate with international research center for technology transfer and joint research
 - Establish the national language processing consortium
 - Cooperate with other Universities to **promote research on Khmer Language Technology**

Rural ICT

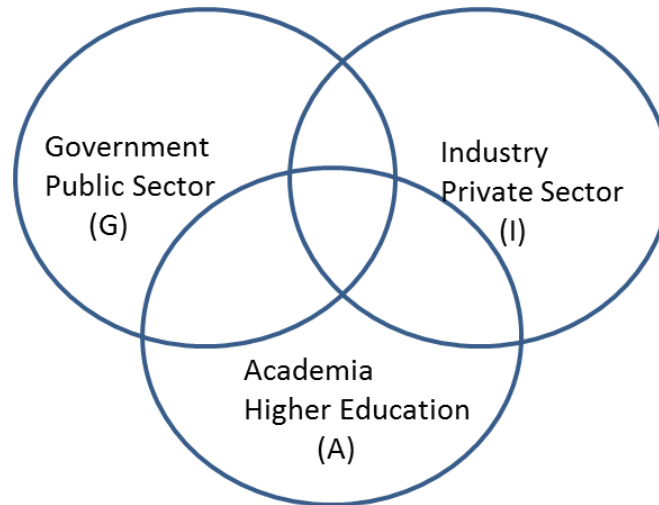
(National Level)

- Goal: Be part of the national economy and social development institutes
- Strategy: Promote research or joint research and development on
 - Tele-Center: Leverage connectedness of Cambodia rural to the world.
 - Content Development: Localization problem
 - Mobile4D: Promote R&D on technology used in mobile devices

ICT R&D for Industry

(regional & national level)

- Goal: Be one of the focal points of technology R&D for Industry at national level.
- Strategy:



A Triple Helix Model of Innovation

Thank you