

TECHNOLOGY TRANSFER: Challenges, Opportunities and Successful Cases

From the Philippines



Major Roles of a University

- **Train and Develop Manpower
(Education)**
- **Generate new knowledge and
products to benefit the society
(Research)**
- **Transfer knowledge to society by
fostering entrepreneurship and
industry involvement
(Extension)**



Contribute to Economic and Technological Development



Studies and Statistics -

- 2007-2008 Global Competitiveness Report of the World Economic Forum
- Patent applications provide a good indicator of a country's technological innovation capacity and performance



IIFI Study -

- **Partnership among:**
 - **IPOPHL**
 - **USPTO**
 - **International Intellectual Property Institute (IIFI)**
 - **Public Interest Intellectual Property Advisors (PIIPA)**



IIFI Study -

- **Objective is:**

To conduct an intellectual property audit of recent and ongoing research in the Philippines. In so doing, identification of issues with and potential solutions for extracting value from patents



IIPi Study -

- **Methodology:**

- *Search to retrieve all publicly available research coming out of Philippine research institutions since 2000*
- *Remove duplicate results, merge multi-part publications into a single result, remove suspect results*
- *Identify which are patentable and which are not patentable*



IIPi Study -

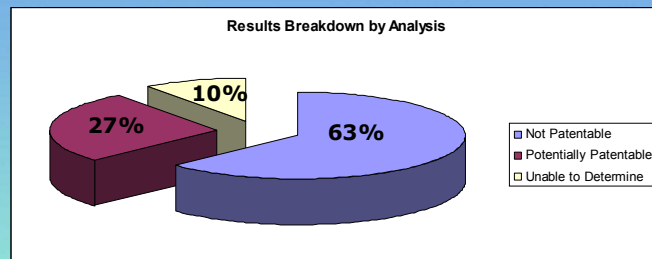
- **Results:**

Agricultural	39%
Chemical	13%
Electrical	1%
Mechanical	1%
Medical	36%
Physics	9%



IIFI Study -

- **Results:**



Factors -

- **Lack of knowledge and understanding of the IP system**
- **Prevailing culture in the academe of "Publish or Perish"**
- **Absence of a sound IP Policy**
- **No institutionalized mechanism equipped to assist innovators in protecting and promoting the technological innovations**
- **How universities/RDIs view their role in society**
- **Weak link between RDIs/universities and industry**

Initiatives -

- MOA among CHED, Ayala Foundation and IPOPHL on the development of IP Policies forged in Nov. 2006
- Joint Circular issued by CHED and IPOPHL mandating all HEIs to come up with their IP Policies issued in May 2008
- Philippine Technology Transfer Act of 2009 enacted on 23 March 2010
- Its IRR took effect on 8 September 2010



Its Patent
Libraries



Objective -

Strengthen local institutional capacity to access patent information and use the patent system



Methodology -

- **Foundation Course**
- **WIPO Patent Search Trainings**
- **Patent Drafting**
- **Effective Management of ITSOs**
- **Operations Manual**
- **Examination & Assessment**
- **Formal Launching**



Functions of the ITSOs -

In support of IP Creation by facilitating access to global science & technology information:

- Serve as a patent search facility and library for patent information;
- Provide skills training in patent searching;
- Render patent search services; and
- Organize a community of patent information users



Functions of the ITSOs -

In support of IP protection by promoting domestic and globally-recognized innovations:

- Provide general information on patents and patenting;
- Provide skills training in patent drafting and prosecution;
- Render patent drafting and prosecution services; and
- Organize a community of experts to participate in patent examination.



Functions of the ITSOs -

In support of IP utilization by assisting the commercialization of globally-competitive innovations:

- Render IP audit and evaluation services;
- Provide licensing support;
- Provide advice on IP management and commercialization strategies; and
- Be a depository of patent-related documents, papers and statistics



Thank You!!!

