Handong! GEM &! Research! Collaboration! Program

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Short! Introduction
Handong! Global! University

- **3rd Ranked** in Overall Rating among Education-Centered Universities in Korea, 2009
- 13 Schools (27 Majors), About 200 Faculties
  - **Engr Majors**: Mechanical, Computer, Electronic, Civil, Bio-Mechatronics
- 3,500+ Undergrad Students, 100+ Grad Students

Handong! Global! University

- Hosting University, **UNITWIN** (University Twinning and Networking), UNESCO
- **GEEP** (Global Entrepreneurship Education Program), United Nation & Ministry of Education, Science and Technology, Korea
- **GEP** (Global Engagement Programs), Ministry of Education, Science and Technology, Korea
Handong! GEM! Program

- Global Engagement and Mobilization
Handong! GEM! Program

- To Educate Students to Enhance Their Major-Related Capacity by Engaging Their Studies onto the Real-World Problems (Interdisciplinary Design Ability)

- To Train Students to Consider Various Environmental Contexts (Appropriate Technology)

- To Make Students Experience Improved by Joining in Out-Reach Programs

Projects! in! Preparation

- Alternative Energy Project
- Agricultural Improvement Project
- Resident Environment Improvement Project
- Eco-Toilet Project
- Personal Hygiene / Environment Sanitation Project
- Drinking Water Securing / Filtering Projects
Projects! in! Preparation

- Industrialization and Automation Project
- Information Technology and Education Project
- Business and Marketing with Science
- Local Development Planning Project

Research! Collaboration Details
Works! in! Collaboration

- Joint Research
- Research Resource Sharing (Space, Equipments, Etc.)
- Joint Out-Reach with Research Outcomes
- Faculty / Student Exchanges

Expectation! to! Collaboration

- Research Synergy between Universities
- Research Synergy among Target-Regions
- Increase of Students Potential
- Enhancement in University Diversity
Research Collaboration with GEM Program

Current Networks

Appropriate Technology Development for Highlanders with Chiang Mai University, Chiang Mai, Thailand
Current! Networks

Sent Two Researchers for Appropriate Technology Development in Africa
(Approaching for the collaboration with Makerere University)

Current! Networks

Sent One Computer Programmer to Peru for Building the Government IT Infrastructures
Projects in GEM
(at Mae Hae Thailand 2008-2010)

Project: Hot Floor Heating System
Project: Hot Floor Heating System
Project: Clay Brick Development for House Building
Project: Clay Brick Development for House Building
Project: Persimmon Sorting Machine
Project: Persimmon! Sorting! Machine

Project: Education! with! Technology
Project: Psychological Science! Projects
감사합니다.
Thank You.