MAGEEPP ENERGY AND ENVIRONMENTAL EDUCATIONAL INITIATIVES

Potential Industry Sponsors & Student Internships

Potential connectivity to UN Programs

Student Cohorts WUSTL, IIT B, IDC, Bogacizi, Others

MAGEEPP ENERGY AND ENVIRONMENT CLOUD

CONTENT DEVELOPMENT

MAGEEPP GLOBAL ENERGY AND ENVIRONMENT LEADERSHIP CERTIFICATE PROGRAM

TRAINING PROGRAMS (Short Courses)

UG STUDY ABROAD PROGRAMS

INDUSTRY- UNIVERSITY-GOVERNMENT – NGO PARTNERSHIP
28 McDonnell Academy Universities
IL&FS, IBM, GOI, FES ....
Objectives: Explore utilization of the synergistic strengths of the various faculty at the partner Institutions to offer a series of educational programs through short courses, cohort students groups and other means.

Initial ideas compiled by few University faculty – seeking active participation from other MAGEEP FACULTY
Innovative models in Education -
partnership with Industry, Government
(Multipartner University Model in
Energy, Environment, Sustainability

Internship / Practitioner Connectivity Model

Integrating Entrepreneurship and Innovation

Interconnecting students across the continents
– cohort groups in teaching

Explore connectivity to organizations such as UN, Clean Energy Ministerial

Advisory Group will develop an actionable plan:
Current Universities interested: Tsinghua, IDC, Bogacizi, IIT Bombay, Washington University
MODALITIES

MAGEEP GUEST LECTURER SHORT COURSE PROGRAM IN ENERGY & ENVIRONMENT

UNDERGRADUATE OUTREACH STUDY PROGRAM IN ENERGY & ENV.

COLLABORATIVE Ph.D STUDENT ADVISING IN ENERGY AND ENVIRONMENT

MAGEEP GLOBAL LEADERSHIP CERTIFICATE PROGRAM IN ENERGY & ENV.

OTHER NOVEL IDEAS WELCOME!
Initial Core Advisory Committee Members:

- Rudolf Husar, Washington University in St. Louis
- Virendra Sethi, Indian Institute of Technology
- Orhan Yenigun, Bogacizi University
- Jingkun Jiang, Tsinghua University
- Eric Zimmerman, IDC Herziliya
- Chris Greig, University of Queensland
- Pratim Biswas, Washington Univ. in St. Louis

Others are Invited to Join
ACTION ITEMS

• Advisory Committee will update the White Paper (January 2013)

• Seek clear ideas from Partner Universities – list of Champions

• Discuss a Business Model for Sustainability

• Discuss Linkage to UN Programs (February 2013)

• Clear Actionable Items
  • MAGEEP Aerosols & Air Quality Group
    (Champions: Sethi and Husar)
  • Explore training ideas in Solar Energy

• Launch few additional short courses
  • Funded by IL&FS - Energy and Environmental Nanotechnology
  • Funded by IL&FS - Solar Energy and Energy Storage (SEES)