

INNOVATION REFORMS: PH EXPERIENCE

REY VEA

SECURING THE FUTURE OF PHILIPPINE INDUSTRIES

INCLUSIVE INNOVATION CONFERENCE 2017

MAKATI CITY 2017

Promoting Entrepreneurship in academe

CHED's Entrepreneurship elective course

CHED's – IDIG K12 fund

Technopreneurship Boot camps

Student business plan contests

ITSO by DTI

TBIs

PhilDev

Tougher problem is developing the scientific capital that underpins innovations.

Graduate programs and R&D in academe

ERDT & ESEP

PCARI

OTHER DOST/CHED programs

Concern: Absorptive Capacity and Scale

INDUSTRY-ACADEME LINKAGE ACTIVITIES

Linkage activities directly involving undergraduate students

- on-the-job training (OJT)
- summer student apprenticeships
- plant visits
- scholarship grants to students
- career talks
- job fairs
- student leadership camps
- industry-sponsored design contests

Linkage activities involving senior-year and graduate students

- industry technical seminars for academics
- academe technical seminars for industry people
- fora to share information on R&D needs and capabilities
- theses based on industry needs
- solution of an industry-related problem in lieu of a thesis (e.g., ESEP Master of Engineering programs)

Other linkages school-to-company level

- Embedded training laboratories
- Exchange of personnel - faculty immersion or internship programs; secondment of faculty members to industry; adjunct professorships
- Professorial Chairs
- Shared R&D Facilities
- Sale of academe-made, technology-infused products to industry
- Testing services by academe
- Consultancy services by academe
- Curriculum improvement through industry involvement on school committees
- Vendor-supported curricular specialization tracks

Linkages at sectoral level

- Industry representation in CHED's Technical Panels;
- Intersectoral dialogue, such as SEIPI and iBPAP on the industry side, and school associations, such as PAES and COCOPEA on the academe side; NIAC of PBEEd

Research and technology commercialization linkage activities

- Sponsored or commissioned research
- Technology licensing of the school's intellectual property rights
- Creation of spin-off companies by university faculty, researchers or students
- Technology business incubators
- Technopreneurship bootcamps

CHED Typology and outcomes-based QA

Professional Institutes ➔ Student outcomes ← Industry

Universities ➔ RDI ← Industry

R&D Calculus

Establishment of research universities

SALAMAT PO!