

Insights on Findings and Recommendations

2021 PIDS Public Webinar: Presentation of the study entitled "Future S&T Human Resource Requirements in the Philippines: A Labor Market Analysis" AHMMA CHARISMA LOBRIN-SATUMBA EXECUTIVE DIRECTOR III INSTITUTE FOR LABOR STUDIES (ILS) DEPARTMENT OF LABOR AND EMPLYOMENT (DOLE)



DOLE initiatives: Gearing up for the Fourth Industrial Revolution (FIRe)





General Policy Thrust

Preparing the workforce through:

Skills development Skills qualifications and alignment

Up-to-date labor market information (LMI)

Timely policy research and advocacy



Inter-Agency partnership on Skills Framework and Roadmap for Industry 4.0



Working closely with TESDA for the full implementation of its NTESDP 2018-2022



Enhancement of the education-employment linkage through the **Philippines Qualifications** Framework



JobStart Philippines Program: Active involvement of private sector employers; with life skills component



Improving the Career Guidance Advocacy Program (CGAP)



Policy research and advocacy: Social dialogue on FIRe and the changing world of work



Updating of LMI Report on future skills need in light of the COVID-19 pandemic

Insights on the PIDS study's findings & recommendations





Key Areas of Concern

Focus on the following:

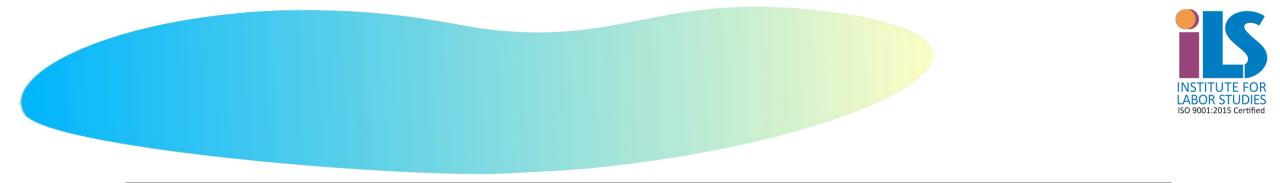
Encouraging the young population to go into S&T fields

Scholarships and future employment of S&T graduates

Understanding other factors that affect the supply of S&T workers



On encouraging the young population to go into S&T fields



Insight:

May consider policy actions on how to "start them young", or how we can buildup the interest and reinforce the learning capacity of students on math and science.



Building-up and sustaining students' interest in math and science

Policy Issue:

Not just fostering positive attitude of elementary students towards math and science, but how to maintain their interests on the said subjects up to the tertiary level.



Building-up and sustaining students' interest in math and science

Recommendation:

Make the teaching and hence, learning, of math and science FUN—from grade school up to college.



Building-up and sustaining students' interest in math and science



Complement traditional methods of teaching with innovative teaching methods such as (1) discoverybased methods; (2) context-based teaching; (3) inquiry-based learning; and (4) collaborative learning



Reinforcing the learning capacity of students on math and science



There will be students who will fall behind in the learning process and will have low, if not failing grades in math and science. We must accept this fact and think of ways to address the problem.



Reinforcing the learning capacity of students on math and science

Recommendation:

Government to invest in remedial education by institutionalizing the establishment and maintenance of Learning Resource Centers (LRCs) in all public educational institutions.



Reinforcing the learning capacity of students on math and science

What are LRCs?

LRCs referred to ≢ libraries

<u>UP System LRCs</u>: "Supplement, complement, and coordinate all learning assistance programs and instructional support services to students." (UP OVCSA)

<u>DLRC (UP Diliman)</u>: Provides free peer-assisted tutorials in Mathematics, Science, and Engineering Sciences



On scholarships and future employment of S&T graduates



On scholarships and future employment of S&T graduates

Recommendation (1):

Encourage government agencies that have substantial need for workforce with S&T background to provide scholarships to undergraduate students taking S&T courses.



On scholarships and future employment of S&T graduates

Recommendation (2):

Said agencies may consider offering "from scholar to staff" type of scholarship grants.



On understanding other factors that affect the supply of S&T workers



On understanding other factors that affect the supply of S&T workers



DOLE-ILS will be happy to partner with PIDS on the matter through a future collaborative research endeavor.

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