DIGITIZATION OF PHILIPPINE EDUCATION, COMPARING PAST INTO PRESENT

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They say in this world change is inevitable. The developments in the 21st science and technology have great impact on education. Some ways and means in the old educational system are becoming obsolete especially in terms of teaching and learning process, instructional materials, test and measurements, facilities, competencies etc. New ways and means in education or innovations being done are called digitization, or digitalization. Now what is Digitization? According to Aislee (2018) “Digitization is the integration of digital technologies into everyday life by the digitization of everything that can be digitized.” Now, try to scrutinize the following areas marked by digitization.

Teaching and learning process - the new phase of teaching and learning process has begun and involves various advanced techniques like using desktops, laptops, iPads, Tablets, and other devices to boost the motivation, interest and participation of students. An article published by the Scholarship Positions (2013) stress that “currently students live in a world that is constantly linked and alive outside the class room, so traditional teaching methods won’t work now.” Chalk and talk method and other traditional ways of teaching are slowly being replaced by the said new phases of teaching techniques especially in private schools where facilities are expected to be outstanding and complete.

Instructional materials – before a traditional textbook is used, now digital textbooks are prevalent with other names like e-textbooks and e-texts, digital textbooks provide an interactive interface in which the students have access to multimedia
content such as videos, interactive presentations, or PowerPoint and hyperlinks (https://elearningindustry.com/digitization-of-education-21st-century).

Test and measurements – although written quiz, traditional paper and pencil tests are still being imposed, what is new is the giving of online exams to students. This is applicable to Open Universities or Online courses especially in the higher education here in the Philippines where students cannot attend classes due to work and other valid reasons but he has to take the test, etc. Digitization provides comfort, accessibility and opportunity to needing students.

Facilities – the simplified and insufficient facilities, classroom, etc. in the old times are not being advised today. There is a need for school administrators to provide ICT Laboratory for instance. Schools to this date also must have Internet connectivity and wi fi for educational purposes such as research, assignments, etc.

Competencies – there are new competencies brought by digitization in education such as ICT skills and Animation skills, etc. ICT skills mean the proficiency of using digital technology for communication, education, employment, etc. Animation skills is the proficiency in using special effects via computers, etc.

Curriculum – the K-12 Curriculum is the best example of curriculum where digitization is emphasized. Almost all subjects in this curriculum integrates ICT. Another example of the effects of digitization in the curriculum is the emphasizing of Special Curriculums such as Special Program in the Arts where photojournalism is offered as one of the specializations, which still falls under digitization.
References:

Janetta Ainslee April 28, 2018. Digitization Of Education In The 21st Century

