

DIGITAL LITERACY SKILLS, DIGITAL COMPETENCE AND DIGITAL GOVERNANCE OF PUBLIC HIGHER EDUCATIONAL INSTITUTIONS (PHEIS) IN THE PROVINCE OF BATANGAS: A BASIS FOR ICT ROADMAP DEVELOPMENT

Maria Graciela R. Bucad, MSCS

University of Perpetual Help System – Laguna, **PHILIPPINES**

Email: mariagraciela.bucad@dict.gov.ph

Leomar S. Galicia, Ph.D.

University of Perpetual Help System – Laguna, **PHILIPPINES**

Email: galicia.leomar @uphsl.edu.ph

ABSTRACT

Everyone is in the phase of radical development where digitalization is taking over every niche and corner - education is no exception. However, education seems much the same as it has been for many years. It seems, not much of PHEIs are aware of the significant role of ICT. COVID-19 brought a crisis to educational sectors that called for a radical organizational change. It has exposed the need to equip schools with infrastructure and technologies needed to adapt to a digital environment. Considering the mentioned premises, the researcher aimed to assess the level of digital literacy skills, level of digital competence and digital governance score of PHEIs in the Province of Batangas as an input for ICT Roadmap development. The study utilized descriptive-correlational research design. The Being Digital: Digital Literacy Checklist of The Open University© was used for the digital literacy skills; Self-Assessment Tool of the European Digital Competence Framework for Educators (DigComEdu) for the digital competence; and a self-made questionnaire for the digital governance score of the administrators. It was revealed that the digital literacy skills are on a quite confident level, digital competence is on a competent level and digital governance score is satisfactory. Results yielded substantial relationships, all utilized in the formulation of the ICT Roadmap.

Keywords: Digital Literacy, Digital Competence, Digital Governance, Digital Transformation, ICT Roadmap, ICT infrastructures, Industrial revolution 4.0, Education 4.0