

## READINESS, ACCEPTANCE, AND CHALLENGES OF EDUCATION 4.0 AT ASIAN INSTITUTE OF MARITIME STUDIES (AIMS): BASIS FOR PROPOSED IMPLEMENTATION FRAMEWORK

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### ABSTRACT

This descriptive-correlational study investigated the readiness, and acceptance of Asian Institute of Maritime Studies (AIMS) of Education 4.0 as well as how the challenges encountered by AIMS are managed as it interfaces with Education 4.0. The study utilized the descriptive-correlational research design involving 36 AIMS professors as respondents. The findings revealed that AIMS professors have high perception of AIMS' readiness for Education 4.0, with an average weighted mean of 3.31. They also had high perception of AIMS' acceptance of Education 4.0, with an average weighted mean of 3.37. Moreover, the respondents agree that AIMS is managing the challenges encountered as it interfaces with Education 4.0, with an average weighted mean of 3.17. Further, a significant relationship was noted between the level of readiness and level of acceptance of AIMS for Education 4.0 as assessed by its professors ( $p=0.000<0.01$ ). Significant relationships were also noted between level of readiness and managing the challenges of AIMS for Education 4.0 ( $p=0.000<0.01$ ) and between the level of acceptance and managing the challenges of AIMS for Education 4.0 ( $p=0.000<0.01$ ). Based on these findings, a framework for implementation of Education 4.0 is proposed showing that the Delivery of Education 4.0 is hinged on Infrastructure (Infra) and Human Resource Development (HRDev). These two variables are directly influenced by the components of Readiness (Attributes of Change, Leadership Support, Internal Context and Attributes of Change Targets), Acceptance (Performance Efficacy, Effort Expectancy, Social Influence, Facilitating Conditions and Non-endogenous Mechanism, and Managing Challenges (Conflicts and Objection, Technical Challenges, Attitudes and Commitment, and Alignment). An Action Plan was also proposed for enhancing Infra and HRDev.

**Keywords:** Education 4.0, Descriptive-correlational study, Readiness, Acceptance, Managing Challenges