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**"A New Round of IoT in Digitizing Science and Technology in the 4.0 era"**

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# Digitalization of Vocational Higher Education Management in the Industrial Era 4.0

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**Abstract.** The national work world is still dominated by under-qualified human resources, while the industrial revolution era 4.0 requires human resources who are able to adapt to all changes in technology, communication, and information. This article describes the strategies, opportunities, and challenges of digitizing vocational higher education management in the industry 4.0 era with a library research approach. The results of this study that digitizing vocational higher education management must prepare and anticipate the emergence of cyber class, it requires management patterns that can mobilize all internal potential and external opportunities through quality commitment, creative leadership and entrepreneurship, awareness of consumer satisfaction (students and users), awareness of competition, and collaboration partnerships.

**Keywords:** digitalization, vocational higher education, industry 4.0