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**DIGITALIZATION TECHNOLOGIES FOR FUTURE
GENERATION OF QUANTITY SURVEYOR TOWARDS
INDUSTRIAL REVOLUTION 4.0**

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DECLARATION

"I declare that this dissertation is the result of my own research and that all sources
are acknowledged in the references."

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ABSTRACT

This study investigates the digitalization strategies implemented in the field of quantity surveying, analysing the potential benefits and drawbacks that may arise from the incorporation of cutting-edge technologies. Amidst the construction sector's incremental integration of digital technologies, this research investigates the adoption developments and viewpoints of professionals in the field of quantity surveying. This study investigates digitalization strategies in quantity surveying, assessing benefits and drawbacks of cutting-edge technologies. Amidst the construction sector's digital integration, concerns over cost, qualified personnel availability, data privacy, and cybersecurity barriers emerge. The growing reliance on software has led to professional disengagement, compounded by inadequate education and high implementation costs. The shift in construction roles threatens Quantity Surveyors, necessitating preparation for Industry 4.0. To address skill gaps, digital education is proposed. Collaboration between government and professional bodies is crucial for sectoral transformation, requiring financial investment and educational reforms. Objectives include identifying digitalization technologies and outlining strategies for future Quantity Surveyors. Methodologically, a questionnaire-based survey was utilised, and findings will be analyzed using SPSS software. Results will illuminate digitalization challenges and opportunities, informing industry stakeholders on navigating the digital era effectively.

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