



Influence of Institutional Context Factors on Female Students' Career Choice in TVET Science Programmes in Technical Training Institutes in Siaya County, Kenya

Choice of science based careers by female students in Technical and Vocational Education and Training (TVET) institutes and particularly Technical and Training Institutes (TTIs) has attracted a lot of attention of education planners, economists and administrators the world over. To that extent, numerous interventions including lowering of college entry points to favor female students have been made by the government of Kenya. In spite of such affirmative action, female students choosing careers in TVET science programmes are still few and especially in Siaya County, Kenya. The purpose of this proposed study was to determine the Influence of institutional context factors on female students' career choice in TVET science programmes in Technical Training Institutes in Siaya County, Kenya. The objective of this study is to establish the influence of institutional context factors on female students' career choice in TVET science programmes in Technical Training Institutes in Siaya County, Kenya. The study was adopted descriptive survey design. The sample size for the study was 437 female students, 121 lecturers and 327 male respondents. Census, proportionate and simple random sampling techniques was used to select respondents in different strata and TTIs. The finding of the study showed that Institutional Context Factors have a significant influence of 22.8% with negative variation on Female Students' Career Choice in Science TVET Programmes. The study recommended that institutional factors must be strengthened to enable more female students to choose careers in TVET science programmes. **Key words:** Institutional Context Factors, Female Students', Career Choice, TVET Science Programmes.

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