The Teaching of Industry 4.0 Technologies in Brazilian Professional Education

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Teaching Industry 4.0 technologies in Brazilian professional education significantly impacts the training of specialized labor for the job market. This research examined how two educational institutions prepared their manufacturing students for the digital technologies of Industry 4.0 and what the leading technologies used in the students' projects. The case study method was used, and 35 projects were analyzed. Digital technologies were used in the projects with a particular emphasis on simulation systems aided by 3D modeling competence IoT and augmented and virtual reality.

Keywords: Industry 4.0, Digital Technologies, Professional Education, Brazil