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Soft skills: their importance in the production engineer's educational background facing the 4.0 industry

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Industry 4.0 has impacted the labor market as well as the profile of the modern professional, who has been undergoing changes over the last years. It should be noted that in a highly competitive corporate world, the technical knowledge acquired during the university course must be associated with behavioral skills, characteristics that consolidate them and differentiates in the present scenario. The transversal skills called "soft skills" are crucial skills, as the individual assumes a more strategic than operational behavior, managing to make decisions smarter. Characterize soft skills in the context of Industry 4.0, as well as presenting the importance in the training of the engineer, highlighting the difference between the skills acquired at the university and those required by the market. Procedures will use methodologies involving systematic research, bibliometric analysis and research exploratory through the application of a questionnaire. The nature of the data employees will be predominantly qualitative, where the research method adopted for this work will be the survey research aimed at two classes: engineering graduates and engineers already in the job market. Systematic research and bibliometric analysis will allow access to the operationalization of concepts, related variables and issues inherent to soft skills and Industry 4.0. The questionnaire will enable the perception of similarity or not in the view of undergraduates and engineers already employees, which are the most outstanding soft skills. And that, in this way, the graduates more easily meet the current expectations of the corporate environment.

Keyword: Industry 4.0; soft skills; exploratory Survey.

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