

How to start research in Science and Technology through the promotion of undergraduate theses of Engineering and Sciences at the PUCP?

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In Peru, there is not a strong and constant coordination between universities, companies and the State, as well as there is no clear and determined investment in Science and Technology. Despite efforts to change this situation, it has not been achieved yet a coordinated system to strengthen joint projects that promotes a real change.

In Science and Engineering, besides the creation of new technologies is limited, the number of completed theses -both in undergraduate and postgraduate-is not representative. On the other hand, most of completed theses (less than 30%) are not applicable to the reality. Even, if they are applicable, they are not implemented. This situation generates skills, coordination and multidisciplinary condition are not well used and their achievement could result from proposals that comprise the academic, business and state work.

This research explains that undergraduate theses in Science and Engineering are today available, practical and very little used source to develop science and technology in our country. In this context, the earning of professional degrees by defending theses in Science and Engineering, taking specializations in Science and Engineering School (FCI) PUCP was analyzed as an example. This analysis allows discovering several improvement opportunities and a series of recommendations for an outstanding performance of the University in the progress of R & D in Peru.