

## **How IT governance can benefit universities and optimize their organization**

### **Cómo la gobernanza universitaria puede beneficiar a las universidades y optimizar su organización**

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#### **Abstract**

This text basically focusses on how the IT governance can work in universities, and boldly shows the fact that all the researches and studies about IG governance focuses only in the financial and healthcare industries and how the ITG could help the system in the universities because that enhance the integrational process between branches inside the university system.

Also, this text highlight the benefits from the implementation on IT governance in universities as the way that system is implemented on the other industries allowing the education industry to develop and overcome certain situations such as decision making, this is based in a comparative between system in three different universities and the way this universities manages to use the ITG to their benefit increasing their performance 20% higher.

#### **Key words**

Universities, IG governance, develop, benefits, mechanisms, HE system

Through the text the authors describe the ITG like this big force o mechanism that make easier the development of some skills or processes such as better decision making, increase the active participation between the all branches inside the system (in this case a university), but it is

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<https://orcid.org/0000-0003-0153-4795>. Este trabajo es desarrollo de la Investigación en Gobernanza Universitaria, adelantada por los investigadores Manuel Fernando Moya Vargas coinvestigador del grupo Francisco de Vitoria, Dalia Carreño Dueñas, y Norhys Torregrosa Jiménez coinvestigadoras del grupo Socio Humanística del Derecho de la Facultad de Derecho de la Universidad Santo Tomas.

important choose the right IT and the right path to follow because a wrong one could damage intern processes.

In the modern era that we're living in it is crucial to develop everything taking into account the technological axis and that's one of the basic points that the authors talk about showing that an IT governance method that does not include anything about the technological environment its past the time and also could end up giving some serious issues to the universities that use it to develop their model because it doesn't give the adequate establishment and tends up to age quickly.

ITG involves principles, values and goals and its composed by committees (directors, managers and executives) and this committees make some strategic decision making following up an internal organizational units and roles in order to focus appropriately to each topic assuring a great decision for the organization; in this case this system have a very enormously impact in universities all over the world because this kind of system helps the universities to deal with some innovations and changes in their environment.

Right before the authors explained these things, they exposed the way that were used in this study and how they interviewed 6 universities in three different countries and they answered question related to the ITG and how they've been managing to implement and develop this in their university system; also they showed the good things that the ITG have brought to their universities.

## **Conclusion**

The authors conclude sharing the results of the investigation made up by the interviews to the different universities in which they found that those universities take some mechanisms or behaviors from the ITG that are commonly used on other industries, one of those mechanisms is the strategy committee which is also used in the financial and healthcare industries.

Also, the authors showed which mechanisms are more recommended or suitable for the higher education system, and based in that table we can conclude that the relational mechanism are less relevant for the higher education system and also we can conclude based on the graphics that the mechanism with the highest effectiveness and ease of implementation ratio is "planning or demand management informal meetings" and the mechanism with the highest effectiveness is "office of CIO or ITG"

