Research Paper

Cebu Technological University Inventions: Institutional Sustainability Assessment

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ABSTRACT

The Cebu Technological University is one of the State Universities and Colleges (SUC) of the Philippines. This study aimed to assess the inventions of its faculty members as a basis for the Institutional Sustainability Assessment of the Commission of Higher Education. This utilized the secondary data issued by the Intellectual Property Office of the Philippines for the last three years (2014 to 2016). This study revealed that the university sustained the top Utility Model (UM) filers among the SUCs with 110 UM certificates innovated by the 73 faculty members-patent holders distributed in the nine (9) campuses for the last 3 years. Hence, the university was able to come up with 15% full time faculty member-patent holder that attained the requirement of having at least 10% of full time faculty member. Therefore, the full-time faculty members of the university are encouraged to conduct research and protect it by patenting.

Keywords: Full-time faculty, patent, assessment, university.

INTRODUCTION

Universities contribute to nation building by providing highly specialized educational experiences to train experts in the various technical and disciplinary areas and by emphasizing the development of new knowledge and skills through research and development through producing experts, knowledge and technological innovations that can be resources for long-term development processes in a globalized context. Universities are expected to develop a research community of faculty that fosters and supports creative research and other advanced scholarly activities. At least thirty (30) full-time faculty members or 20% of all full-time faculties, whichever is higher should be actively involved in research. At least 10% full-time faculty should have patents or publications in refereed journals (CMO series, 2012).

The Cebu Technological University’s mandate for faculty members should also undertake research and extension services, aside from instruction function. The university has approximately 700 total faculty members distributed to nine (9) campuses, that is, Main Campus and eight (8) satellite campuses. The 10% full-time faculty of the university should have patents for the last five years. Hence, this paper assessed the faculty members of the university in terms of inventions particularly, utility model category.

MATERIALS AND METHODS

This paper utilized the secondary data issued by the Intellectual Property Office of the Philippines for the last three (3) years from Calendar year 2014 to 2016 of the Cebu Technological University (CTU), R. Palma St., Cebu City (Figure 1). The data were analyzed based on the number of inventions with corresponding inventors per campus.

RESULTS AND DISCUSSION

Figure 2 shows the secondary data on utility model filers issued by the Intellectual Property Office of the Philippines, the inventions of the Cebu Technological University. Figure 2 revealed that the university had 110 utility model
Figure 1: Map of Cebu Technological University (Map photo taken from CTU Website).
certificates for the last three years (2014 to 2016) owned by the CTU Main Campus (43 certificates); followed by Moalboal Campus with 23 certificates; 11 certificates for CTU Danao Campus and 33 certificates for the rest of the CTU campuses.

The inventions were efforts of the faculty who have developed a majority of the university's innovation that strengthen food security according to Dr. Januario L. Flores, CTU Main Campus Director as reflected in Figure 3.

The CTU full time faculty members attained the university's requirement of patenting for the last three years since there were 21 inventors from the CTU Main Campus; 17 inventors from the CTU Moalboal Campus, 16 inventors from Danao Campus and 22 full time faculty members who are patent holders distributed to the campuses of Barili, Camen, Daanbantayan, San Francisco.
Conclusion and Recommendation

Based on the secondary data, the university was able to come up with 15% full time faculty members and attained the requirement of having at least 10% of full time faculty member. Therefore, the full-time faculty members of the university are encouraged to conduct research and protect it by patenting.

REFERENCES


Republic Act No. 9744. November 10, 2009. An Act Converting the Cebu State College of Science and Technology System in the City of Cebu and all its Satellite Campuses located in the Province of Cebu into a State University to be Known as the Cebu Technological University (CTU) and Appropriating Funds Therefor.

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