

ABSTRACT

The research was done because we noted the need to improve the plotters printing services for students at the Technical University of the North, since now even printing costs have decreased the quality of work has deteriorated considerably, thus affecting customer the city of Ibarra.

This prompted us to develop this thesis, which was made so that we can all understand the operation of the Printing Systems and optimize resources, assist in improving print quality and thus somehow able to balance a excellent quality print job at a reasonable price for students within our own university.

In order to make our thesis meets the requirements and expected results we have developed as follows, starting with the approach of the problem as this we can describe all the negatives that occur today with the misuse of the systems print, we continue with the objectives of which could analyze the characteristics of the two systems and on that basis propose the use of a better system to optimize the best plotter which owns the university.

Among the methods used in this research is the empirical and that through t his we were able to directly observe the printing process and look care fully at the operational and the disadvantages that occur regularly at the time of printing.

This was done all the research and thesis is completed with the support of experts, customers, operators and owners of the various printing centers in the city and our director of thesis without them would have been almost impossible to present this work that we hope will be of great help to students, faculty and the university in general.