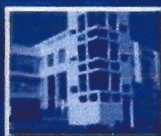
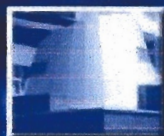
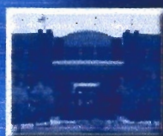


*"Think in
other terms..."*



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PREFACE

Abstract - require

The aim of this report is to give the reader an understanding and appreciation of Physics in Information Technology. Because no one work could cover all the literature in this field, the author's intent was to select the theory and practices that were useful in understanding and analyzing the behavior of different types of printers, monitors' power supplies and scanners. The selection also took into account the problems that are commonly met while working on these pieces of equipment. It is however hoped that the selected readings will help to wet the reader's appetite for broader understandings of the above-mentioned machines and many other used in Information Technology. In chapter 1, the company profile is looked into, highlighting where it is coming from and where it is headed, how the company is structured, whom it does business with, the payment terms and its offerings.

In chapters 2, 3 and 4, the selected readings focus on the principle of operation of the dot matrix, inkjet, scanner and laser printers respectively. Apart from this, the differences, advantages and disadvantages of each type of printer are cited. Furthermore, problems incurred while operating on them are briefly described.

Chapter 5 discusses how monitors and power supplies function. The manner in which faultfinding was carried out and solutions to various problems incurred are also looked at.

In chapter 6, the author focuses on the project to be carried out in the 4th year. Schematic diagrams of the circuits to be incorporated are given and brief explanations as to how they function are given.

Chapter 7, the final chapter is a conclusion of the report. It looks at whether or not the attachment year was a success and expatiates on the relevance of Physics curricula to industry.