

**DESIGN OF A FLEXIBLE MANUFACTURING
CELL**

BY

COSTAS HADJIKYRIACOU

PROJECT REPORT

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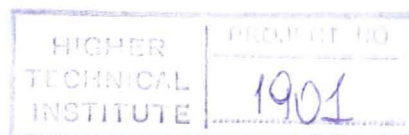
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ORGANIZATION OF THE PROJECT

The project is organized into two parts.

Part one consists of two chapters of which the first chapter is an introduction chapter attempting to whet the readers appetite for the chapter that follow.

Chapter two of the first part consists of four section through which the reader can obtain an idea about those concepts and technologies that led to the idea of F.M.S.

Part two consists of one chapter subdivided into four section. In this part efforts is given towards the design of an F.M.S. cell. In the four section the following analysies were carried out:

1. Analysis as far as hardware needs are concerned.
2. Analysis as far as software needs are concerned along with discussion on dynamic scheduling and off line simulations.
3. Analysis of network needs (F.M.S. layout configurations)

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