

APPLICABILITY OF "JUST-IN-TIME" MANUFACTURING  
SYSTEMS IN CYPRUS

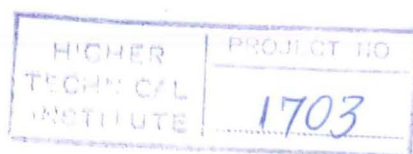
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## SUMMARY

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The primary objective of the project was to justify the implementation of "Just-in-time" (JIT) manufacturing systems in Cyprus. First, study of the philosophy behind JIT took place. Subsequently, implementation of JIT in a shoe company was carried out. At last, advantages, disadvantages and comments on the applicability of JIT in Cyprus were written down.

The whole content of the project is divided into eleven main chapters.

The first chapter describes the three principal types of layout, Fixed-position, Process and Product-flow layout.

In chapter two, some production definitions are explained.

The following chapters, three, four, five and six, carry out manufacturing methodologies, MRP, MRP II, JIT, TQC, in details.

The chapters seven, eight and nine include a summary of three international case studies; chapter seven examines a case study in a shoe industry in Venezuela; chapter eight examines the implementation of JIT, TQC and employee involvement for World Class Manufacturing; chapter nine deals with the implementation of JIT in an office.

Chapter ten deals with the applicability of Just-in-time approach in Cyprus and for the purpose of study, in a shoe industry in Nicosia-Cyprus.

Finally, in chapter eleven, general conclusions, results, advantages, and disadvantages of applicability of JIT systems in Cyprus, are in detail written down.

Three international case studies are included in the Appendices. Reference to them is given within the summary of the case studies in chapters seven, eight and nine.

Finally it must be mentioned, that applicability of JIT systems in Cyprus can be implemented inside a factory, in various departments, even in an office. The benefits of implementing JIT are significant and makes firm competitive in the world market place which is the main goal of all the Cyprus companies.

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APPENDIX (C): JIT in a mail order operation reduces processing time for four days to four hours.