

HIGHER TECHNICAL INSTITUTE

COMPUTER STUDIES COURSE

DIPLOMA PROJECT

**Data Acquisition Software for in-situ time based
Regulation of temperature and flowrate**

CS/237

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7 JUNE 2000

HIGHER TECHNICAL INSTITUTE	PROJECT NO. 3102
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INTRODUCTION

The main objective of this project is to provide to the Nanomaterials Research Center a Data Acquisition Control that will help them with their experiments.

This system will acquire data from controller attached to a furnace. Also a user friendly interface manual will exist in order to help persons in the Nanomaterials Research Center to learn WorkBench PC.

The proposed system will take all results that are given when an experiment finishes and will be saved in order to produce reports.

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Appendix D-Data Flow Diagram & System Flowchart

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Appendix F-Data Stores

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