

Title: DEVELOPMENT OF A TEMPERATURE MONITORING SYSTEM

Project submitted by: ANDREAS GEORGIADES

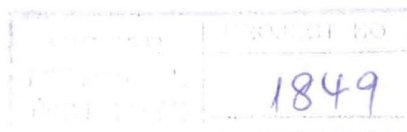
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Project supervisor: Mr. D. Lambrianides,
Lecturer in Electrical Engineering,
H.T.I

External Assessor: Mr. Chr. Kalliris

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GROUP

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ABSTRACT

The following text describes fully the selection, design, development, construction, testing and calibration of a "TEMPERATURE MONITORING SYSTEM"

The system uses the PC-Multilab PCL-711S, multi-function data acquisition card for IBM PC/XT/AT . It is a 12-bit, 8 channel Analog-to-Digital , 1 channel Digital-to-analog converter with 16 channel Digital Inputs and Outputs.

The system accepts analog inputs from temperature transducers in various rooms, converts them into digital form and displays the output on the PC screen or printer.

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