

DEVELOPMENT AND SIMULATION
OF A CENTRAL HEATING
CONTROL SYSTEM

Project report submitted by

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ABSTRACT

This project deals with the design and construction of a central heating controller.

In the first chapter an investigation of different control systems and thermostats is done. In the second chapter the design and construction of the central heating control system is carried out. In the third chapter the design and construction of the electronic room thermostat is carried out along with the theory on the differential amplifier and comparator.

In the fourth chapter the construction of all the printed circuit boards is done and finally in the fifth chapter the design of the power supply to feed the central heating controller takes place.

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